



- LIGHTING:**
- NOTE: SHADING ANY OF THE LIGHTING FIXTURE INDICATES UNIT IS Wired TO AN EMERGENCY OR NIGHT LIGHTING CIRCUIT.
- CEILING MOUNTED FIXTURE - SURFACE / RECESSED
- FIXTURE DESIGNATION (SEE SCHEDULE)
SWITCH LEG: NO DESIGNATION INDICATES PORTION OF CIRCUIT SWITCHED FROM LOCAL SWITCH AND/OR OCCUPANCY SENSOR
SWITCHING DEVICE: NO DESIGNATION INDICATES PORTION OF CIRCUIT SWITCHED FROM LOCAL SWITCH AND/OR OCCUPANCY SENSOR (R) CIRCUIT SWITCHED VIA RELAY IN RELAY CABINET
CIRCUIT NUMBER (SEE PANEL BOUNDARIES)
- CEILING MOUNTED DOWNLIGHT FIXTURE - SURFACE / RECESSED
- CEILING MOUNTED DOWNLIGHT FIXTURE - WALL WASH - SURFACE / RECESSED
- POLE MOUNTED FIXTURE
- WALL MOUNTED FIXTURE - SURFACE / RECESSED
- GROUND MOUNTED FIXTURE - BOLLARD / FLOOD OR ACCENT

- RENOVATION LEGEND:**
- <E> EXISTING TO REMAIN
<ED> EXISTING DEVICE TO REMAIN, NEW CIRCUIT AS INDICATED
<EL> EXISTING LOCATION, NEW DEVICE OR EQUIPMENT TO BE INSTALLED IN PLACE
<ER> EXISTING LIGHT FIXTURE TO REMAIN, NEW LAMPING AS INDICATED
<ER> EXISTING TO BE RELOCATED
<ER> EXISTING TO BE REMOVED
<ER> EXISTING IN NEW LOCATION
<N> NEW
<R> REMAIN AS IS

- GENERAL NOTES:**
1. SITE LIGHTING PHOTOMETRIC CALCULATIONS WERE PREPARED IN VISUAL 2020 LIGHTING SOFTWARE.
2. ALL GENERAL PHOTOMETRIC POINTS ARE AT -0' 0" AFG. PROPERTY LINE PHOTOMETRIC POINTS ARE AT +4' 0" AFG.

- REFERENCE NOTES:** <E>
1. FIXTURES SHALL UTILIZE EXISTING LIGHT POLES AS ABLE. REPLACE POLES AS REQUIRED.

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Canopy - Heritage Oaks	+	3.6 fc	4.8 fc	0.7 fc	6.9:1	5.1:1
Canopy - New R.	+	5.2 fc	7.2 fc	0.2 fc	36.0:1	26.0:1
Drive - Central #1	+	1.4 fc	6.6 fc	0.5 fc	13.2:1	2.8:1
Drive - Central #2	+	1.5 fc	3.5 fc	0.6 fc	5.8:1	2.5:1
Drive - East #1	+	1.3 fc	2.6 fc	0.3 fc	8.7:1	4.3:1
Drive - East #2	+	1.6 fc	3.7 fc	0.1 fc	37.0:1	16.0:1
Public - West	+	4.7 fc	7.3 fc	1.1 fc	6.6:1	4.3:1
Public & Storm - South	+	2.2 fc	4.3 fc	1.0 fc	4.3:1	2.2:1
Public & Walkway - Central	+	5.2 fc	16.0 fc	1.3 fc	12.3:1	4.0:1
Public & Walkway - West #1	+	2.0 fc	10.4 fc	0.1 fc	104.0:1	20.0:1
Public & Walkway - West #2	X	5.6 fc	17.0 fc	1.1 fc	15.5:1	5.4:1
Property Line - East	+	0.1 fc	0.4 fc	0.0 fc	N/A	N/A
Walkway - Central #1	+	2.4 fc	7.8 fc	0.6 fc	13.0:1	4.0:1
Walkway - Central #2	+	1.6 fc	11.0 fc	0.5 fc	22.0:1	3.6:1
Walkway - Central #3	X	4.0 fc	9.7 fc	1.1 fc	8.8:1	3.6:1
Walkway - East #1	+	0.6 fc	2.9 fc	0.1 fc	29.0:1	6.0:1
Walkway - East #2	X	1.2 fc	2.4 fc	0.2 fc	12.0:1	6.0:1
Walkway - New R. Express	+	7.8 fc	9.7 fc	5.4 fc	1.8:1	1.4:1
Walkway - New R. Trail	+	8.6 fc	11.0 fc	6.1 fc	1.8:1	1.4:1
Walkway - South #1	+	3.1 fc	13.4 fc	0.7 fc	19.1:1	4.4:1
Walkway - South #2	+	1.7 fc	10.6 fc	0.7 fc	15.1:1	2.4:1

KEY PLAN	
ISSUANCE AND REVISIONS	
DATE	DESCRIPTION
06-15-2026	UDC - LAND USE SUBMITTAL

LIGHTING FIXTURE SCHEDULE																					
TYPE	DESCRIPTION	FEATURE	LIGHT SOURCE	K	CRI	DRIVER BALLAST	INPUT	WATTS	VOLTS	TYPE	HEIGHT	CEILING	FIXTURE	DEPTH	SPECIFIED FIXTURE	MODEL NO.	OPTIONS	FINISH	MANUFACTURER	MODEL NO.	REMARKS
OA	EXTERIOR WALL PACK	LED	IN/UNT	4000	+70	ST	1	45	277	W	SFP	N	9 1/2"	ABOVE ALL	CRASPR25W-SNA40K-1-FT		--	BZ	OR APPROVED EQUAL	OR APPROVED EQUAL	--
OB	6" DOWNLIGHT - EXTERIOR	LED	IN/UNT	4000	+60	0-10V	1	11	277	R		DW	5 1/2"	COOPER	PORTFOLIO LDC-10C-10C-50-40-D10-W-1-H-LSKTBP66		--	SS	OR APPROVED EQUAL	OR APPROVED EQUAL	--
OC3	4'-0" LINEAR CATENARY FIXTURE	LED	IN/UNT	4000	+60	0-10V	1	6	277	C	+10'-0" TBF AFG	N	3"	STRUCTURA	COROE-4-L40-SO-48-CATD-48-STD		--	AIO	OR APPROVED EQUAL	OR APPROVED EQUAL	1
OC4	4'-0" LINEAR CATENARY FIXTURE	LED	IN/UNT	4000	+60	0-10V	1	9	277	C	+10'-0" TBF AFG	N	3"	STRUCTURA	COROE-4-L40-SO-48-CATD-48-STD		--	AIO	OR APPROVED EQUAL	OR APPROVED EQUAL	1
OC8	8'-0" LINEAR CATENARY FIXTURE	LED	IN/UNT	4000	+60	0-10V	1	12	277	C	+10'-0" TBF AFG	N	3"	STRUCTURA	COROE-4-L40-SO-48-CATD-48-STD		--	AIO	OR APPROVED EQUAL	OR APPROVED EQUAL	1
OC10	10'-0" LINEAR CATENARY FIXTURE	LED	IN/UNT	4000	+60	0-10V	1	15	277	C	+10'-0" TBF AFG	N	3"	STRUCTURA	COROE-10-L40-SO-48-CATD-48-STD		--	AIO	OR APPROVED EQUAL	OR APPROVED EQUAL	1
OD	42" UT BOLLARD	LED	IN/UNT	4000	+70	0-10V	1	24	277	S		N	42"	ABOVE ALL	PLUS-RFC-24SP14W-SW40K-8-8Z		--	BZ	OR APPROVED EQUAL	OR APPROVED EQUAL	2
OE	14'-0" PEDESTRIAN LIGHT - PATH DISTRIBUTION	LED	IN/UNT	4000	+70	0-10V	1	38	277	PL	+14'-0" TTF AFG	N	26"	LITHONIA	RADPT LED P2-40K-PATH-MVOLT-PT4-DWG-####		--	AIO	OR APPROVED EQUAL	OR APPROVED EQUAL	3
OF	14'-0" PEDESTRIAN LIGHT - SYMMETRIC DISTRIBUTION	LED	IN/UNT	4000	+70	0-10V	1	38	277	PL	+14'-0" TTF AFG	N	26"	LITHONIA	RADPT LED P2-40K-PATH-MVOLT-PT4-DWG-####		--	AIO	OR APPROVED EQUAL	OR APPROVED EQUAL	3
OG	22'-0" POLE MOUNTED AREA LIGHT, TYPE 2	LED	IN/UNT	4000	+70	ST	1	68	277	PL	+25'-0" TTF AFG	N	3 1/2"	EXO	ASL1-160L-70-407-2-UNV-A-##		--	AIO	OR APPROVED EQUAL	OR APPROVED EQUAL	4
OH	22'-0" POLE MOUNTED AREA LIGHT, TYPE 3	LED	IN/UNT	4000	+70	ST	1	68	277	PL	+25'-0" TTF AFG	N	3 1/2"	EXO	ASL1-160L-70-407-3-UNV-A-##		--	AIO	OR APPROVED EQUAL	OR APPROVED EQUAL	4
OJ	25'-0" POLE MOUNTED AREA LIGHT, TYPE 5	LED	IN/UNT	4000	+70	ST	1	80	277	PL	+25'-0" TTF AFG	N	3 1/2"	EXO	ASL1-160L-100-407-5-UNV-A-##		--	AIO	OR APPROVED EQUAL	OR APPROVED EQUAL	4

FIXTURE TYPE	DRIVER/BALLAST TYPE	MOUNTING TYPE	CEILING TYPE	FINISHES
ABBR. DESCRIPTION	ABBR. DESCRIPTION	ABBR. DESCRIPTION	ABBR. DESCRIPTION	ABBR. DESCRIPTION
F FLOURESCENT	D1 0-10 VOLT DIMMING	AFF ABOVE FINISH FLOOR	DW DRYWALL	AIO COLOR AS SELECTED BY ARCHITECT/OWNER
H HID	D1 DIMMING 1-100%	AFG ABOVE FINISH GRADE	ES EXPOSED STRUCTURE	BA BRUSHED ALUMINUM
HAL HALOGEN	D5 DIMMING 5-100%	C CATERNARY	LG LAY-IN GRID	BK BLACK
I INCANDESCENT	D10 DIMMING 10-100%	P PENDANT	N NONE	BN BRUSHED NICKEL
LED LIGHT EMITTING DIODE	DST STEP DIMMING 50/100%	PL POLE	V VARIES	BZ BRONZE
	ET ELECTRONIC	R RECESS		CF CUSTOM FINISH
	M MAGNETIC	S SURFACE		SF STANDARD FINISH
	PS PULSE START	W WALL MOUNTED		SN SATIN NICKEL
	ST STANDARD			SS SEMI-SPECULAR
	XFMR TRANSFORMER			WH WHITE

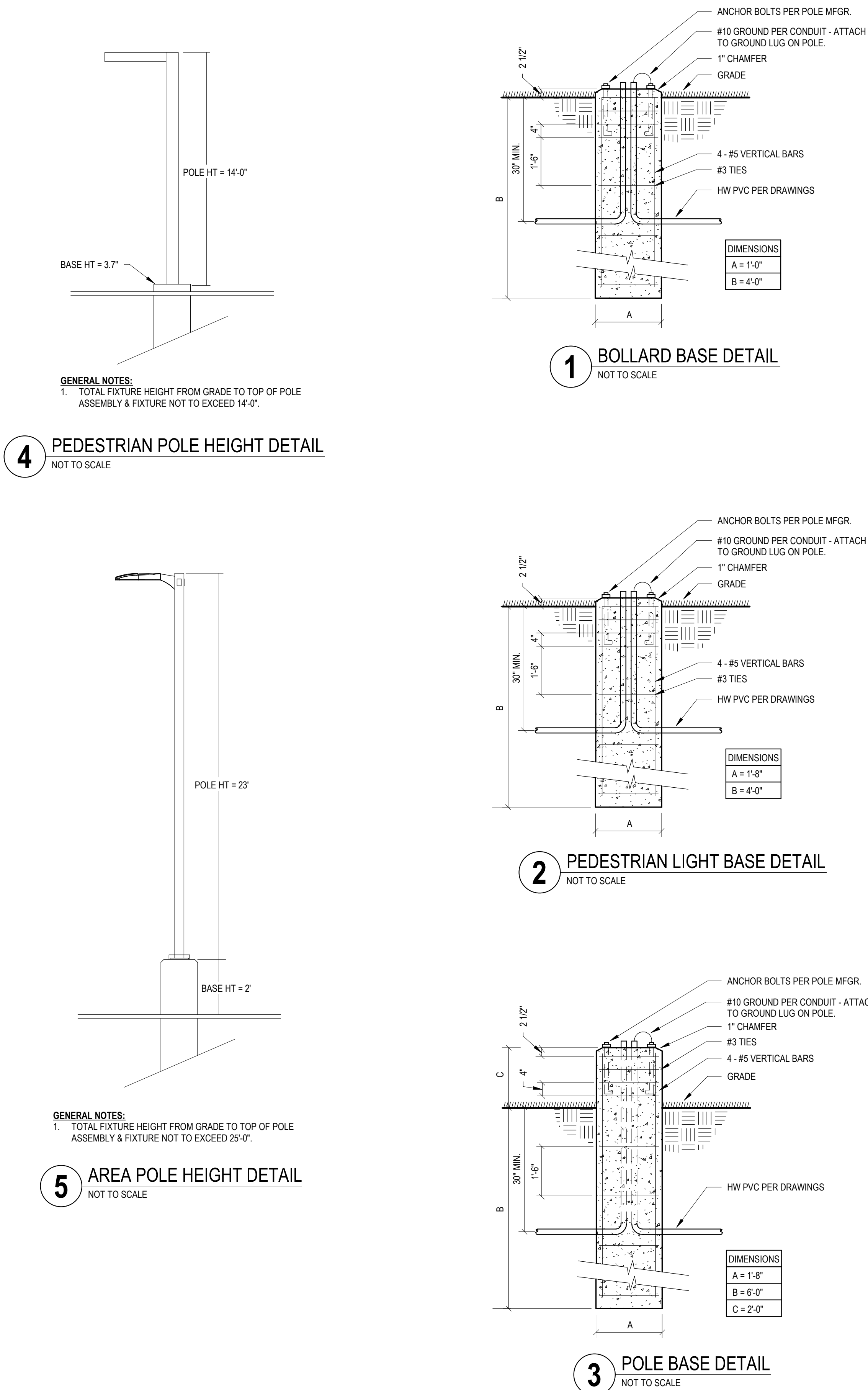
- OPTIONS:**

 - AIR HANDLING CAPABILITY-RETURN AIR
 - 3" DEEP PARABOLIC LOUVERS
 - 4" DEEP PARABOLIC LOUVERS
 - SEMI-SPECULAR LOW RIDESCANT PARABOLIC LOUVERS
 - FURNISH WITH HOLOPHANE ED44 LENS
 - FLAT ALUMINUM DOOR FRAME MITERED CORNERS
 - REGRESSED ALUMINUM DOOR FRAME
 - FLAT STEEL DOOR FRAME
 - SINGLE GASKETED DOOR FRAME
 - DOUBLE GASKETED DOOR FRAME
 - TRIPLE GASKETED DOOR FRAME, LENS, BODY
 - POST PAINTED FINISH
 - WET LOCATION CONSTRUCTION
 - DAMP LOCATION CONSTRUCTION
 - STAINLESS STEEL TRIM AND DOOR FRAME
 - CLEAR ALZAK REFLECTOR
 - FURNISH WITH DUST COVER
 - FURNISH WITH ANGLED DUST COVER
 - FURNISH WITH LENS AND GASKET
 - FURNISH WITH AUXILIARY QUARTZ RESTRIKE
- FURNISH WITH SLOPE ADAPTER-VERIFY SCOPE
 - FURNISH WITH AUXILIARY EMERGENCY BATTERY BALLAST
 - FURNISH WITH WIRE GUARD
 - FURNISH CHAIN MOUNTING ACCESSORIES
 - FURNISH WITH RIGID PENDANT SYSTEM
 - FURNISH WITH SHAWL CANDY
 - FURNISH WITH SYMMETRICAL REFLECTOR
 - FURNISH WITH ASYMMETRICAL REFLECTOR
 - FURNISH WITH PERFORATED DIFFUSER
 - FURNISH WITH SOLID FRONT
 - FURNISH WITH PHOTO CELL
 - FURNISH WITH DIMMING COMPATIBLE WITH DIMMING CONTROL
 - WHITE STRAIGHT BLADE LOUVERS
 - FURNISH TRIM SUITABLE FOR USE WITH NARROW TIE CLG SUSPENSION SYSTEM
 - CUSTOM FINISH-COLOR AS SELECTED BY ARCHITECT/OWNER
 - STANDARD FINISH-COLOR AS SELECTED BY ARCHITECT/OWNER
 - FURNISH WITH RF NOISE SUPPRESSORS (OEF 89535) FOR EACH BALLAST
- FURNISH WITH ACRYLIC LENS WITH INTEGRAL RFI SHIELDING
 - FURNISH WITH HOUSE SIDE SHIELD
 - FURNISH WITH UNIVERSAL ARROWS AND GREEN STENCIL FACE
 - FURNISH FOR FIRE RATED CONSTRUCTION
 - FURNISH WITH GLARE SHIELD AND LEVAIN PROTECTIVE COVER
 - FURNISH WITH UNIVERSAL ARROWS AND GREEN STENCIL FACE AND BATTERY BACK-UP (NO GENERATOR)
 - FURNISH WITH UNIVERSAL MOUNT
 - FURNISH WITH UV LENS AND SOFTENING LENS
 - FURNISH WITH PRISMATIC LENS
 - FURNISH WITH SPRING LOADED LATCHES
 - FURNISH WITH HINGED DOOR TO COVER INDIRECT AREAS
 - FURNISH WITH TOP AND BOTTOM LENS
 - FURNISH WITH LOUVER
 - FURNISH WITH OPAQUE BACKGROUND
 - FURNISH WITH INTEGRAL ROCKER SWITCH

- LIGHT FIXTURE SCHEDULE GENERAL REMARKS:**

 - ALL FIXTURE COLORS SHALL BE CONFIRMED BY ARCHITECT / OWNER.
- LIGHT FIXTURE SCHEDULE REMARKS:**

 - PROVIDE ALL POLES, CHAINS, ANCHORS, AND HARDWARE REQUIRED FOR A COMPLETE SYSTEM. FINAL LAYOUT, FIXTURE LENGTHS, AND QUANTITIES TO BE DETERMINED BY ARCHITECT.
 - REFER TO 1ES101 FOR BOLLARD BASE DETAIL.
 - PROVIDE WITH LITHONIA TYPE R55 POLE, MODEL NUMBER R55-14-48-PT-STUHC-FBCSTL2PC. FINAL COLOR SHALL MATCH LIGHT FIXTURE. PROVIDE WITH METAL HANDHOLE COVER AND METAL POLE BASE COVER. REFER TO 2ES101 FOR PEDESTRIAN LIGHT BASE DETAIL AND 4ES101 FOR PEDESTRIAN POLE HEIGHT DETAIL.
 - PROVIDE WITH EXO TYPE SSSH POLE, MODEL NUMBER SSSH25-40A-1-UDP. FINAL COLOR SHALL MATCH LIGHT FIXTURE. REFER TO 3ES101 FOR AREA LIGHT BASE DETAIL AND 5ES101 FOR AREA LIGHT POLE HEIGHT DETAIL.



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PROJECT CONTACT:
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EMAIL ADDRESS: chrisl@eua.com



OAKWOOD VILLAGE
UNIVERSITY WOODS



engineering consultants
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P: 414.251.1421 www.rtm.com

KEY PLAN

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
06-15-2028	UOC - LAND USE SUBMITTAL

PROGRESS DOCUMENTS
NOT FOR CONSTRUCTION

These documents reflect progress and intent and may be subject to change, including additional detail. These are not final construction documents and shall not be used for final bidding or construction-related purposes.

PROJECT INFORMATION

OAKWOOD VILLAGE - INDEPENDENT LIVING
UNIVERSITY WOODS

6201 MINERAL POINT ROAD
MADISON, WI 53705

PROJECT NUMBER: 125988-01

PROJECT MANAGER: MJT

SHEET INFORMATION

ELECTRICAL SCHEDULES
& DETAILS - PLAN
COMMISSION

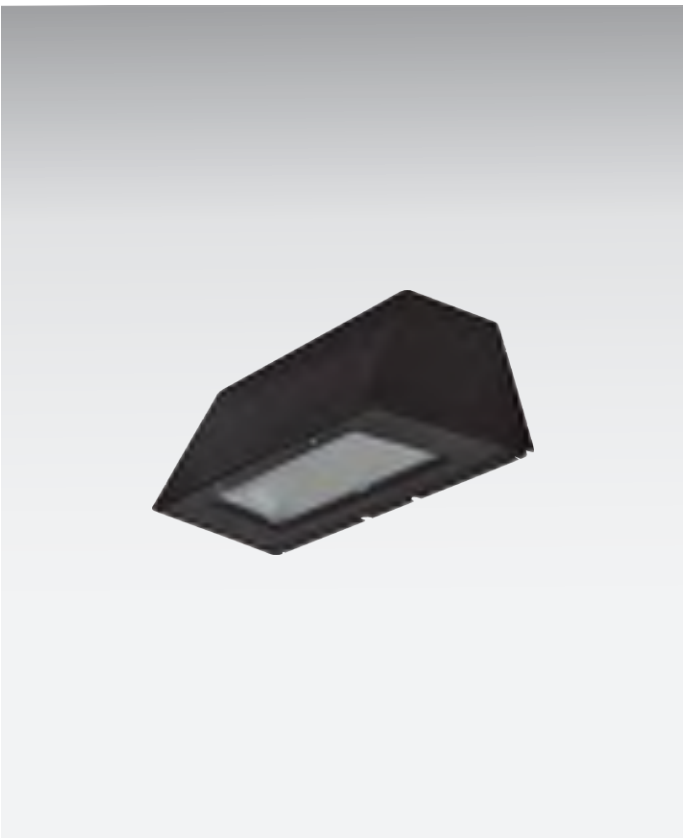
SHEET NAME:

SHEET NUMBER:

ES101

Fixture OA

Oakwood Village - Independent Living



The GRA Selectable Dark Sky Wall Pack features cutoff distribution in traditional appearance. Die-cast aluminum housing with integrated heat sink for superior heat dissipation, and options for emergency back-up, photocontrol, and sensor. It is an ideal option for landscape, wall/surface, low level pathway, apartment buildings, schools, and multi-use facilities.

TECHNICAL DATA

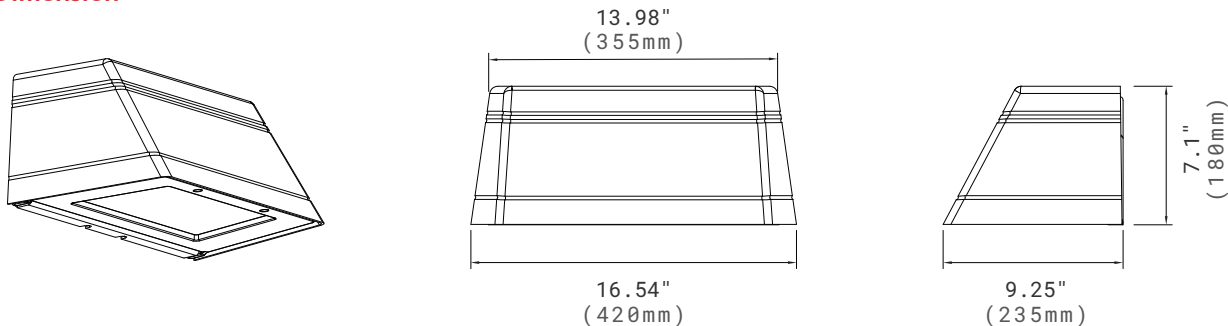
Wattage	Selectable 25W/45W/65W
CCT	Selectable 3000K/4000K/5000K
Dimming	Non-Dimming
CRI	70
Input Voltage	120-277V, 50/60Hz
Projected Lifetime	L70-100,000 Hours
Operating Temp.	-40°F to 104°F (-40°C to 40°C)
Certifications	cUL listed
	RoHS compliant
	Suitable for wet location
Power Factor	>0.9
Harmonic Distortion	<20% at full load

FEATURES

- Wattage selectable.
- CCT selectable.
- Cutoff distribution design.
- Emergency back-up, photocontrol and sensor available.

SPECIFICATION

Dimension



ORDERING INFORMATION

EXAMPLE: GRA-SPSW1-FT

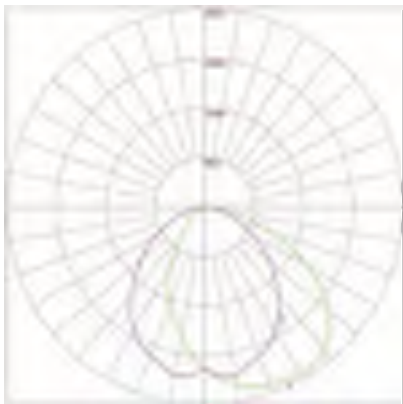
GRA	SP(25W)	SW(40K)	1	--	FT	--
Series	Wattage	CCT	Voltage	Control	Distribution	Finish
GRA	SP¹ Selectable 25W 45W ¹ 65W	SW² Selectable 3000K 4000K ² 5000K	1 120V-277V	BLANK On/Off PC Photocontrol MS³ PIR Sensor ³ EBU⁴ Emergency Battery Back-up ⁴	FT Forward Throw	BLANK Bronze

NOTE:

- 45W is default setting.
- 4000K is default setting.
- Mounting height is 40ft (12m) max. Please check the last page for more sensor setting information.
- Ambient working temperature for emergency battery backup is 32°F to 104°F (0 °C to 40°C).
- Bronze finish is standard. Custom finish colors are available at an additional charge. Please contact Customer Service for premium options.

PHOTOMETRY

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Result may vary per actual order.



Maximum Candela =3851.036
Located At Horizontal Angle = 15, Vertical Angle = 30
#1-Vertical Plane Through HorizontalAngles(0-180)
#2-Vertical Plane Through Horizontal Angles(90-270)

PERFORMANCE DATA

Lumen values are measured by third party certified laboratories performed in accordance with IESNA LM-79-08 as well as Lighting Facts listed.

Lumen Output

Nominal Wattage	Lumen Output	AC Input 120V	CCT	Distribution	CRI	LPW
25W	3250lm	0.21A	4000K	Forward Throw	>70	130
35W	5850lm	0.37A	4000K	Forward Throw	>70	130
65W	8500lm	0.54A	4000K	Forward Throw	>70	130

WARRANTY

5 year limited warranty.
Specifications subject to change without notice.

Project	Oakwood Village - Independent Living	Catalog #		Type	OB
Prepared by		Notes		Date	



Portfolio

LD6C | EU6C | 6LB

6" Round, New Construction Downlight
Narrow, Medium, Wide Beam or Wall Wash
250-15,000 Lumens

Typical Applications

Office • Education • Healthcare • Hospitality • Retail •
Code-Compliance Areas • Sports Venues

Interactive Menu

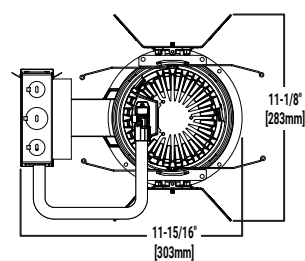
- Order Information [page 2](#)
- Product Specifications [page 4](#)
- Dimensional & Mounting Details [page 5](#)
- Energy Data [page 6](#)
- Photometric Data [page 7](#)
- Connected System [page 13](#)
- Product Limited Warranty



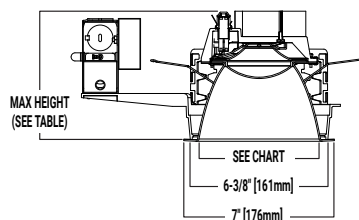
Top Product Features

- 250-15,000 lumens; Offered in 90 and 97 CRI; ENERGY STAR® qualified
- Optional snap in driver for ease of replacement
- Standard 0-10V driver dims to 1%
- 2400K, 2700K, 3000K, 3500K, 4000K, 5000K; D2W™ option from 3000K to 1850K
- Available W2N tunable white CCT range 2700K to 6500K or 2000K to 5000K
- Options to meet Buy American and other domestic preference requirements

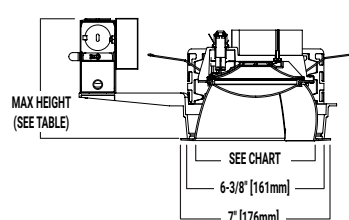
Dimensional and Mounting Details



DOWNLIGHT



WALL WASH



[CLICK HERE](#)
dimension information

Single Line Order Information

SAMPLE ORDER NUMBER: **LD6C109030D010M1H = LD6C10D010 + EU6C10209030 + 6LBM1H**

(all components in multiple packages in same shipment)

Invoice will indicate separate fixture components (housing, trim, module) which will ship complete from a single CLS facility in separate cartons.

To receive separate components (housing, trim, module) shipment, click on the "Multi-Line Ordering Information Option" button to the right.



Multi-line Ordering Information Option

LD6C	101C					90	40
Housing	Lumen ⁽¹⁾					Color Control	CCT ⁽²⁰⁾
LD6C=LED Downlight 6" Nominal Aperture	02 = 250 lumens, IC rated	20 = 2000 Lumens	55 = 5500 Lumens ⁽¹⁰⁾	100 = 10,000 Lumens ⁽¹⁰⁾	90=90 CRI Minimum	90 CRI	97 CRI
LD6CCP=LED Downlight 6" Nominal Aperture, Chicago Plenum	05 = 500 lumens, IC rated	25 = 2500 lumens	60 = 6000 Lumens ⁽¹⁰⁾	110 = 11,000 Lumens ⁽¹⁰⁾	97=97 CRI Minimum	24=2400K	27=2700K
	08 = 800 lumens, IC rated	30 = 3000 Lumens	65 = 6500 Lumens ⁽¹⁰⁾	120 = 12,000 Lumens ⁽¹⁰⁾		30=3000K	30=3000K
	10 = 1000 Lumens	35 = 3500 lumens	70 = 7000 Lumens ⁽¹⁰⁾	130 = 13,000 Lumens ⁽¹⁰⁾		35=3500K	
For BAA or TAA use Multi-Line Ordering	101C = 1000 Lumens, IC rated	40 = 4000 Lumens	75 = 7500 Lumens ⁽¹⁰⁾	150 = 15,000 Lumens ⁽¹⁰⁾		40=4000K	
	15 = 1500 Lumens	45 = 4500 Lumens ⁽¹⁰⁾	80 = 8000 Lumens ⁽¹⁰⁾			50=5000K	
	151C = 1500 Lumens, IC rated	50 = 5000 Lumens ⁽¹⁰⁾	90 = 9000 Lumens ⁽¹⁰⁾				

--	D010	Specify from Driver column. Information below for reference only.
Voltage	Driver	Remote driver & magnetic plug in driver
Blank = 120-277V 1 = 120V Specify as noted in driver section 2 = 277V Specify as noted in driver section 3 = 347V (integral driver with D010 800-4000 lumens) all other integral drivers include step down transformer	D010 = 0-10V 1% dimming 500-15,000 lumens with integral driver Specify voltage with 7500 lumens for integral driver	250-7000, with remote driver specify voltage for 3500 & above
	D010TR =0-10V or (120V) phase cut 1% dimming 250-13,000 lumens with integral driver Specify voltage with 5000-9000 lumens, offered in 5000-9000 & 13,000 lumens	250-4500, with remote driver specify voltage for 2500 & above
	DE010 = 0-10V linear 0.1% dimming 500-15,000 lumens with integral driver Specify voltage with 7500 lumens	500-7000, with remote driver specify voltage for 3500 & above
	DSL T = DALI T6 Logarithmic 0.1% Dimming 500-15,000 lumens with integral driver Specify voltage with 7500 lumens	500-7000, with remote driver specify voltage for 3500 & above
	DMX = DMX/RDM Logarithmic 0.1% Dimming 800-13,000 with integral driver Specify voltage with 5000 lumens and above, offered in 5000-9000 & 13,000 lumens ⁽¹⁴⁾	800-4500, with remote driver specify voltage for 3500 & above
	DMXC5 = DMX/RDM Logarithmic 0.1% Dimming with RJ45 connection 800-13,000 with integral driver Specify voltage with 5000 lumens and above, offered in 5000-9000 & 13,000 lumens ⁽¹⁴⁾	800-4500, with remote driver specify voltage for 3500 & above
	DLE = Lutron Ecosystem dimming 1-100% 800-7500 lumens with integral driver Specify voltage with 4000 lumens and above	800-3500, with remote driver specify voltage for 3500 & above
	DLV = Low voltage dimming 1-100% for use with DLVP system, 800-3000 lumens ⁽⁹⁾	800-3000 (Remote driver only)

--	--
Driver Options	Hanger Bars
Blank = Integral driver RC100 = Remote 100ft ⁽³⁾ (26) (33) RC75 = Remote 75ft ⁽³⁾ (26) (33) RC50 = Remote 50ft ⁽³⁾ (26) (33)	Blank = Without hanger bars B26 = C-channel Bar Hanger, 26" Long, Pair
RC25 = Remote 25ft ⁽³⁾ (26) RC15 = Remote 15ft ⁽³⁾ (26) RC5 = Remote 5ft ⁽³⁾ (26) RC2 = Remote 2ft ⁽³⁾ (26) PD = Magnetic Plug in Driver ⁽²⁶⁾	

W	1	H	--
Trim Distribution ⁽³⁾	Trim Flange	Trim Finish	Options ^{(3) (16) (31)}
N =Narrow, Spun Aluminum ^{(26) (30)} M =50° Cutoff, Medium Beam Reflector, Spun Aluminum MD =45° Cutoff, Medium Beam Reflector, Spun Aluminum W =Wide, Spun Aluminum S =Shallow, Spun Aluminum HY =Hyperbolic medium beam ^{(26) (30)} PS =Non-Conductive Shallow (dead front), white ^{(11) (12)} CS =Cast Shallow, Die Cast Aluminum BA = Spun Aluminum Baffle ⁽⁷⁾ Wall Wash SWN = Single Wall Wash, Spun Aluminum DWN = Double Wall Wash, Spun Aluminum CW = Corner Wall Wash, Spun Aluminum MDSW =45° Cutoff, Single Wall Wash, Spun Aluminum MDDW = 45° Cutoff, Double Wall Wash, Spun Aluminum LSWW = Lensed Single wall wash, Spun Aluminum LDWW = Lensed Double wall wash, Spun Aluminum	0 =White Polymer Trim Ring 1 =Self-flanged ⁽¹³⁾ 2 =White Painted Self-flanged 4 =Knife edge rimless use with die cast only ^{(8) (23)}	LI =Specular Clear ⁽⁹⁾ H =Semi-Specular Clear ⁽⁹⁾ WHH =Warm Haze ⁽⁹⁾ WH =Wheat ⁽⁹⁾ GPH =Graphite Haze ⁽⁹⁾ B =Specular Black ⁽⁹⁾ MW =Matte White (Antimicrobial) MB =Matte Black ⁽⁸⁾ MMS =Matte Metallic Silver ⁽⁸⁾	EMB0D =Bodine® 7W Emergency Module with Remote Test Switch ⁽²⁵⁾ EMB0D6ST =Bodine® 6W Self Test Emergency Module with Remote Test Switch EM7 =7W Emergency Module with Remote Test Switch EM14 =14W Emergency Module with Remote Test Switch EM14RSD =14W Self Diagnostic Replaceable Emergency Battery Pack with Integral Test Switch EMB0D7ST =Bodine® 7W Self Test Emergency Module ⁽²⁵⁾ IEMB0D =Bodine® 7W Emergency Module with Integral Test Switch ^{(6) (25)} IEM7 =7W Emergency Module with Integral Test Switch ⁽⁶⁾ IEM14 =14W Emergency Module with Integral Test Switch ⁽⁶⁾ IEM14RSD =14W Self Diagnostic Replaceable Emergency Battery Pack with Remote Test Switch ⁽⁶⁾ IEMB0D6ST =Bodine® 6W Self Test Emergency Module with Integral Test Switch ⁽³⁷⁾ EMV7 =7W Low Voltage Emergency Module with Remote Test Switch ⁽⁴⁾ EMV14 =14W Low Voltage Emergency Module with Remote Test Switch ⁽⁴⁾ ETRD =Emergency transfer device ⁽³²⁾ WPST = Factory installed WaveLinx PRO Sensor Kit ^{(15) (18)} WLST = Factory installed WaveLinx LITE Sensor Kit ^{(15) (17)} WPN = WaveLinx PRO Wireless Node without sensor ^{(20) (36)} WLN = WaveLinx LITE Wireless Node without sensor ^{(35) (36)}

Continued on next page.

Single Line Order Information

LGSKT6IP66

Accessories (Sold separately) ⁽²²⁾			
TRM6P =White metal trim ring ⁽²⁾ LGSKT6IP66 =IP66 Gasket Kit DT6RF =6 inch frosted acrylic ring ⁽²⁹⁾ PRR6 =Rimless Plaster Ring ⁽²⁾ RKP6 =Knife Edge plaster Ring ⁽²⁴⁾	RPM6MW =Rimless Millwork Ring, Matte White ⁽²⁾ RPM6MB =Rimless Millwork Ring, Matte Black ⁽²⁾ RKM6MW =Knife Edge Millwork Ring, Matte White ⁽²⁴⁾ RKM6MB =Knife Edge Millwork Ring, Matte Black ⁽²⁴⁾ HSA6 =Slope Adapter for 6" Aperture Housings, Specify Slope ⁽³⁴⁾	Connected Lighting Systems ^{(9) (15)} WPST = Field installed WaveLinx PRO Sensor Kit ⁽¹⁸⁾ WLST = Field installed WaveLinx LITE Sensor Kit ⁽¹⁷⁾ Transformers H347 =H347 for 5500 lumens and below	Bar Hangers HB50 =C-channel Bar Hanger, 50" Long, Pair RMB22 =Wood Joist Bar Hanger, 22" Long, Pair

- Notes:**

 - 1. Nominal Lumens will vary depending on selected color, CRI, driver and reflector finish. Reference [Multiplier tables](#).
 - 2. Order trim with polymer trim ring (Consult specification sheet for color ordering information and options).
 - 3. Not available with Chicago Plenum.
 - 4. ULus listed only
 - 5. Beam angles are nominal with LI finish trims.
 - 6. Available with narrow (N), medium (M) and medium 45 degree (MD) Spun Aluminum trims. Required for use with all IEMBOD, IEM7, IEM14, IEMV7 and IEMV14 housings. Not offered with remote driver.
 - 7. Only available with Matte White and Matte Black Finishes.
 - 8. Available only on CS distributions.
 - 9. Not available on PS, CS or BA distributions.
 - 10. Product is marked spacing. [Reference table on page 4](#).
 - 11. PS available in self-flanged MW finish only.
- 12. Offered up to 2000 lumens
 - 13. Flange is the same finish as the reflector
 - 14. DMX fixtures default to full on upon loss of DMX signal.
 - 15. Refer to system specifications for additional information, features, and benefits. Order either factory installed option or accessory. Use with 0-10V driver.
 - 16. Non-IC
 - 17. WLST = WaveLinx LITE tilemount sensor kit for daylight dimming, PIR motion sensing, use with D010 only (Refer to WaveLinx LITE system specifications)
 - 18. WPST = WaveLinx wireless sensor kit for daylight dimming, PIR motion sensing, and optional RLTS - Real Time Location Services, use with 0-10V only.
 - 20. WPN = WaveLinx PRO wireless node provides luminaire level control with scene and zone configuration without an integrated sensor; Connects wirelessly with daylight dimming sensor and PIR motion sensor if desired. Use with D010 or DE010 drivers only.
- 22. Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.
 - 23. Accessory (Requires knife edge accessory ring)
 - 24. Order die cast trim with flange type 4
 - 25. Not available with 6500-7000 lumens, DLVP up to 3000 lumens
 - 26. Offered with
 - D010, D5LT, DE010 up to 7000 lumens
 - D010TR, DMX up to 4500 lumens
 - DLE, DL2 up to 3500 lumens (specify voltage 3500 lumens & above)
 - 29. Order with self flanged trim.
 - 30. Offered with DLVP up to 3000 lumens
 - 31. 120-277V
 - 32. Used to bypass local control during outage. Must be used in conjunction with UL 1008 device (provided by
- others).
 - 33. Not available with Lutron drivers
 - 34. Not recommended for use with Wall Wash
 - 35. WLN = WaveLinx LITE wireless node provides luminaire level control with scene and zone configuration without an integrated sensor; Connects wirelessly with daylight dimming sensor and PIR motion sensor if desired. Use with D010 or DE010 drivers only.
 - 36. Not compatible with 347V or Chicago plenum.
 - 37. Available with narrow (N), medium (M) and medium 45° (MD), Shallow (S). Required for use with all IEMBOD6ST, IEM7, IEM14, IEMV7 and IEMV14 housings. Not offered with remote driver.

Product Specifications

Lower Shielding Reflector

- Painted die-cast aluminum or spun aluminum lower reflector with lensed upper optical chamber provides superior lumen output with minimal source brightness
- Spun reflectors are available in all Portfolio anodized finishes
- Hyperbolic reflector provides minimal aperture brightness and glare.
- Available with non-conductive polymer reflector up to 2000 lumens
- Plaster lathing ring, knife edge and millwork ring accessory for flush reflector transition

Wall Wash Reflector

- Open Wall Wash** - wall wash reflector with gradient kicker offered in single, double and corner wall wash provides even vertical illumination with minimal source brightness.
- Rotatable Lensed Wall Wash** - Rotatable lensed wall wash reflector offered in single and double wall wash provides even vertical illumination with minimal source brightness.

Trim Retention

- Two torsion springs hold reflector flange tightly to the finished ceiling surface

Plaster Frame/Collar

- Die-cast aluminum 1 1/2" deep collar
- Accommodates up to 2" ceiling thickness

Universal Mounting Bracket

- Accepts 1/2" Electric Metallic Tube (EMT), C-channel and bar hangers
- Adjusts 5" vertically from above and below the ceiling

Junction box

- Four 1/2" and two 3/4" trade size pry outs positioned to allow straight conduit runs
- Lever connectors for simple push in wiring
- Listed for (4) #12 AWG (two in, two out) 90°C conductors and feed thru branch wiring for type IC and Plug in drivers for 120/277V only. For all other cases (8) #12 AWG (four in, four out) 90°C conductors and feed thru branch wiring for 120/277V only

Thermal

- Aluminum heat sink conducts heat away from the LED module for improved performance and longer life

LED System

- Contains a plurality of high brightness white LED's combined with a high reflectance upper reflector and convex transitional lens producing even distribution without pixilation
- Auto resetting, thermally protected, LED's are turned off when safe operating temperatures are exceeded
- Quick disconnect allows for tool-less replacement of LED engine from below ceiling
- 90 and 97 CRI
- 90 & 97CRI: L78 55,000 hours for 1000-2000 lumens, L90 55,000 for all other lumen output
- Color variation within 2-step MacAdam ellipses
- Available in 2400K, 2700K, 3000K, 3500K, 4000K and 5000K correlated color temperature (CCT)

Vividtune and High CRI

- 98 CRI and W2N: L70 55,000 hours
- D2W™ - dim-to-warm shifts CCT from 3000K to 1850K as fixture dims mimicking halogen sources.
- W2N - Tunable white CCT range 2700K to 6500K or 2000K to 5000K, 90 CRI. Standard
- 98 CRI** With a full-spectrum approach using broad-blue chip technology and special phosphor blends, Thrive is able to closely match the spectrum of the sun across all color temperatures. Benefits of the natural spectrum of the sun using Thrive include superior accurate color rendering, reduced eye strain, and a higher sense of emotional well-being.
- See dedicated specification sheet for more details.

Driver

- Standard 120-277V 0-10V dimming driver provides flicker free dimming from 100% to 1%
- Optional 120V leading edge/0-10V, <1% 0-10V, Fifth Light, DMX or Lutron® Ecosystem
- Driver can be serviced from above or through the aperture
- Distributed low voltage power system combines power, lighting, and controls with ease of installation.
- Optional magnetically guided snap in driver for ease of maintenance.

Emergency Option

- Provides 90 minutes of standby lighting, meeting most life safety codes for egress lighting
- Available with integral or remote charge indicator and test switch
- Available Self-Test (self-diagnostic) with remote charge indicator and test switch
- Emergency Transfer Relay Device bypasses local control during a power outage
- UL 924 listed
- EM14RSD with simplified battery replacement and self diagnostics

Connected Lighting System

Two WaveLinx connected solutions to choose from. Refer to WaveLinx system specifications and application guides for details.

WaveLinx PRO Tilemount Sensor Kit

- WaveLinx PRO WPST tilemount sensor kit offers daylight dimming, PIR motion sensing, scene and zone configuration, automatic commissioning; and optional RLTS - Real Time Location Services available.

WaveLinx PRO Wireless Node

- WaveLinx PRO WPN wireless node provides luminaire-level control with scene and zone configuration without an integrated sensor; Connects wirelessly with daylight dimming sensor and PIR motion sensor if desired. Use with 0-10V driver only. **Note:** Not compatible with 347V or Chicago plenum.

WaveLinx LITE Tilemount Sensor Kit

- WaveLinx LITE WLST tilemount sensor kit offers daylight dimming and PIR motion sensing, scene and grouping configuration.

WaveLinx LITE Wireless Node

- WaveLinx LITE WLN wireless node provides luminaire level control with scene and zone configuration without an integrated sensor; Connects wirelessly with daylight dimming sensor and PIR motion sensor if desired. Use with 0-10V driver only. **Note:** Not compatible with 347V or Chicago plenum.

WaveLinx Tilemount Kits Application

- The WPST and WLST tilemount kits include a control module mounted on the luminaire junction box via 1/2" knock-out, and a tilemount sensor on 54-inch whip; for ceiling installation by direct-mount spring clips or via mounting bracket in octagon ceiling boxes.
- The WPST and WLST tilemount kits may be ordered as factory installed on the luminaire, or ordered separately as a field installed accessory kit.
- Note: WaveLinx PRO devices are only compatible with the WaveLinx PRO system.**
- Note: WaveLinx LITE devices are only compatible with the WaveLinx LITE system.**

Code Compliance

- Thermally protected
- cULus Certified to UL 1598 / C22.2 No. 250.0 suitable for wet locations with downlight and lens wall wash; damp location with open wall wash with covered ceiling
- IP66 rated when used with IP66 gasket kit accessory
- Use IP66 gasket with non conductive reflector for steam room applications up to 2000 lumens and 40°C.
- Optional City of Chicago environmental air (CCEA) marking for plenum applications
- FCC CFR Title 47 Part 15 Class B at 120VAC and Class A at 277VAC
- Insulated ceiling (IC) rated up to 1,500 lumens (90 and 97CRI). All others are non-IC rated (insulation must be kept 3" from top and sides of housing).
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting*
- RoHS compliant*
- Photometric testing completed in accordance with IES LM-79
- LED life testing completed in accordance with IES LM-80-08 and TM-21-11 standards
- See table on page 3 for marked spacing requirements

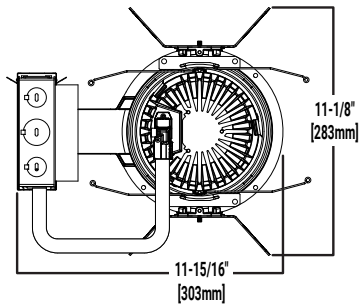
Warranty

- Five year warranty www.cooperlighting.com/legal

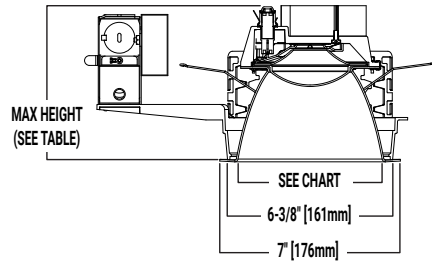
Marked Spacing

6-inch Marked spacing for 90 and 97 CRI			
Lumens	Center to Center of Adjacent Luminaire (inches)	Center Luminaire to Building Side Member (inches)	Minimum Overhead Height (inches)
4500-6000	36	18	6
6500-15,000	36	18	8

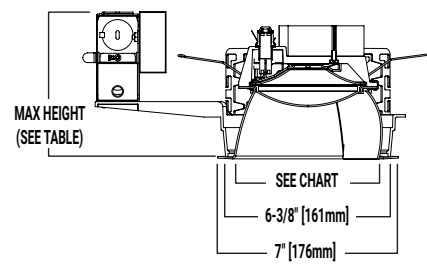
Dimensional and Mounting Details



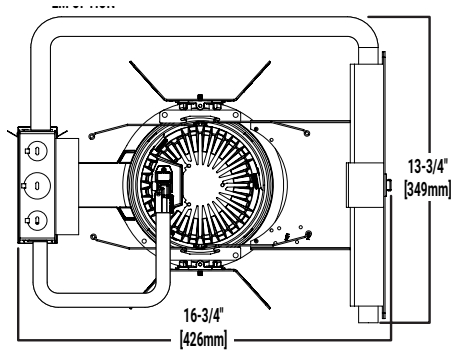
DOWNLIGHT



WALL WASH



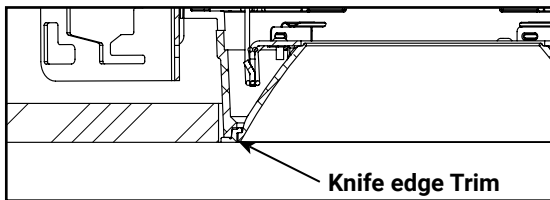
Emergency Option



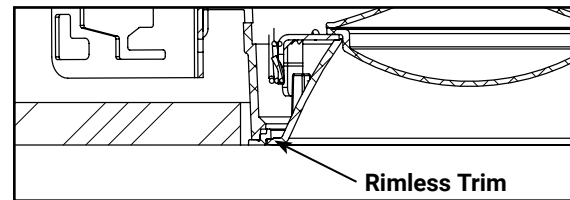
Trim with E option



Trim with EM6 option



Knife edge Trim



Rimless Trim

CATALOG #	INSIDE DIAMETER [IN]	MAX HEIGHT				
		250-2500 LUMENS	3000-4000 LUMENS	1000-1500IC LUMENS	6500-7000 LUMENS	9000-15000 LUMENS
6LBN	5.54	5.7	5.9	6.1	7.1	9.1
6LBM	5.54	5.7	5.9	6.1	7.1	9.1
6LBW	5.56	5.6	5.6	5.6	6.2	8.2
6LBBA	5.56	5.7	5.9	6.1	7.1	9.1
6LBMD	5.55	6.7	6.9	7	8	10
6LBHY	5.68	5.9	6	6.2	7.2	9.2
6LBS	5.62	5.6	5.6	5.6	5.6	6.7
6LBPS	5.66	5.6	5.6	5.6	5.6	6.7
6LBCS	5.66	5.6	5.6	5.6	5.6	6.7
6LB SWN	5.56	5.6	5.6	5.6	6.2	8.2
6LBMD SW	5.55	6.7	6.9	7	8	10
6LBLS WW	5.56	5.6	5.6	5.6	6.2	8.2
6BLD WW	5.56	5.6	5.6	5.6	6.2	8.2

Energy and Performance Data

D010 DRIVER ENERGY DATA

Series	250 lumen		500 lumen		800 lumen		1000 lumen		1500 lumen		2000 lumen	
Input Voltage 120-277VAC	120V	277V	120V	277V	120V	277V	120V	277V	120V	277V	120V	277V
Input Current (A)	0.029	0.017	0.061	0.032	0.085	0.041	0.084	0.042	0.135	0.063	0.189	0.084
Input Power (W)	3.45	3.87	7.33	7.78	10.15	10.52	10.04	10.43	16.17	16.56	22.58	22.63
In-rush (A)	2.1	8.5	3.7	8.5	3.6	8.3	3.6	8.4	2.3	9.5	2.1	9.7
Inrush duration (μs)	250	131	190	136	220	135	226	136	230	125	243	132
THDi (%)	7.21	16.92	7.82	10.78	5.57	9.63	7.78	9.24	4.75	9.93	8.03	7.44
PF	≥ 0.98	≥ 0.9	≥ 0.99	≥ 0.93	≥ 0.99	≥ 0.95	≥ 0.99	≥ 0.95	≥ 0.99	≥ 0.94	≥ 0.99	≥ 0.96

Series	2500 lumen		3000 lumen		3500 lumen		4000 lumen		4500 lumen		5000 lumen	
Input Voltage 120-277VAC	120V	277V	120V	277V	120V	277V	120V	277V	120V	277V	120V	277V
Input Current (A)	0.276	0.121	0.276	0.121	0.333	0.152	0.404	0.181	0.421	0.192	0.491	0.216
Input Power (W)	32.98	32.57	32	32.57	39.83	39.84	48.38	47.94	50.22	50.17	58.69	58.01
In-rush (A)	2.5	11.8	3.6	11.8	3.1	14.3	3.1	14.5	5.6	22.6	5.6	22.6
Inrush duration (μs)	215	111	220	111	200	94	197	95	215	120	213	135
THDi (%)	9.86	6.57	5.57	6.57	4.25	10.05	5.02	7.97	6.12	8.35	8.51	7.92
PF	≥ 0.99	≥ 0.97	≥ 0.99	≥ 0.99	≥ 0.99	≥ 0.94	≥ 0.99	≥ 0.95	≥ 0.99	≥ 0.95	≥ 0.99	≥ 0.96

Series	5500 lumen		6000 lumen		6500 lumen		7000 lumen		7500 lumen		8000 lumen	
Input Voltage 120-277VAC	120V	277V	120V	277V	120V	277V	120V	277V	120V	277V	120V	277V
Input Current (A)	0.526	0.231	0.542	0.256	0.572	0.266	0.632	0.292	0.668	0.306	0.734	0.332
Input Power (W)	62.97	61.97	64.88	65.7	68.35	69.02	75.56	75.85	79.89	80.09	88.01	87.81
In-rush (A)	5.1	23.1	6.2	27.5	6.3	28.4	6.4	29.1	6.4	28.7	6.3	29.7
Inrush duration (μs)	217	138	188	101	189	92	187	90	185	100	187	123
THDi (%)	9.42	7.16	4.33	11.86	4.38	11.33	4.84	10.32	4.46	9.85	3.92	8.92
PF	≥ 0.99	≥ 0.96	≥ 0.99	≥ 0.93	≥ 0.99	≥ 0.93	≥ 0.99	≥ 0.94	≥ 0.99	≥ 0.94	≥ 0.99	≥ 0.95

Series	9000 lumen		10000 lumen		11000 lumen		12000 lumen		13,000 lumen		15000 lumen	
Input Voltage 120-277VAC	120V	277V	120V	277V	120V	277V	120V	277V	120V	277V	120V	277V
Input Current (A)	0.842	0.374	0.961	0.416	1.09	0.49	1.192	0.512	1.263	0.561	1.446	0.624
Input Power (W)	101.12	99.88	114.86	113.66	130.27	127.6	142.59	140.17	151.68	149.82	172.29	170.51
In-rush (A)	12.9	28.6	11.4	40.3	11.5	40.2	11.5	41.2	19.2	43.1	17.2	40.4
Inrush duration (μs)	170	97	248	124	233	118	246	114	170	97	240	125
THDi (%)	5.74	9.28	7.42	8.55	6.08	13.13	5.7	7.3	5.74	7.58	5.86	8.56
PF	≥ 0.99	≥ 0.95	≥ 0.99	≥ 0.98	≥ 0.99	≥ 0.9	≥ 0.99	≥ 0.99	≥ 0.99	≥ 0.96	≥ 0.99	≥ 0.98

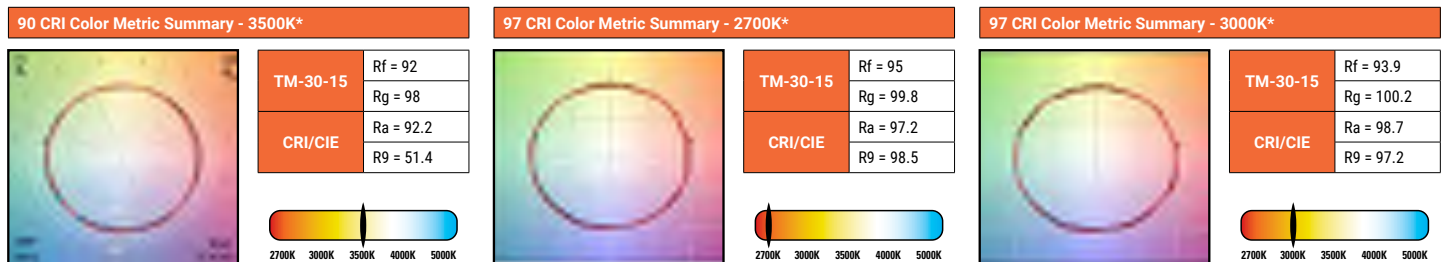
Minimum starting temperature -30°C (-22°F)*
(Nominal input 120-277VAC & 100% of rated output power)

Sound Rating: Class A standards

Notes:

Emergency Battery packs are rated for a minimum starting temperature of 0°C.

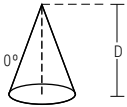
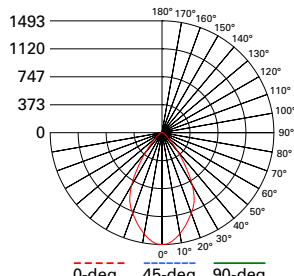
COLOR METRICS - TM-30-15 & CRI/CIE

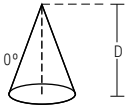
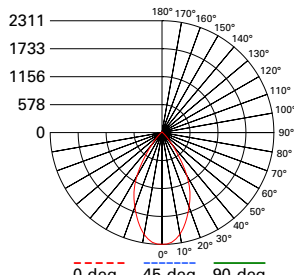


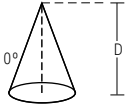
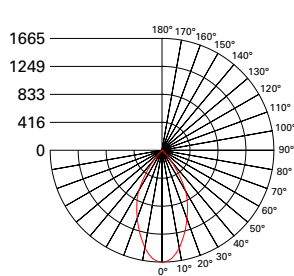
* Color values are based on haze reflector, other finishes and field results may vary.

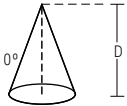
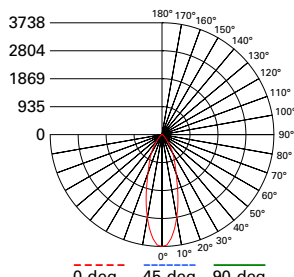
Photometric Data

[View IES files](#)

MEDIUM 60° BEAM (H)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571658	Downlight				Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance																								
Housing	LD6C20D010			<table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>93.3</td><td>3.6</td><td>3.6</td></tr><tr><td>7'</td><td>30.5</td><td>6.4</td><td>6.4</td></tr><tr><td>9'</td><td>18.4</td><td>8.4</td><td>8.4</td></tr><tr><td>13'</td><td>8.8</td><td>12.2</td><td>12.2</td></tr><tr><td>16'</td><td>5.8</td><td>15</td><td>15</td></tr></table>		D	FC	L	W	4'	93.3	3.6	3.6	7'	30.5	6.4	6.4	9'	18.4	8.4	8.4	13'	8.8	12.2	12.2	16'	5.8	15	15	0	1493	0-30	947	62.8	37	30591
D	FC	L	W																																	
4'	93.3	3.6	3.6																																	
7'	30.5	6.4	6.4																																	
9'	18.4	8.4	8.4																																	
13'	8.8	12.2	12.2																																	
16'	5.8	15	15																																	
Module	EU6C10259035					5	1461	0-40	1287	85.3	45	13699																								
Trim	6LBMH					15	1261	0-60	1482	98.2	55	5142																								
Lumens	1509					25	1015	0-90	1509	100	65	2516																								
Efficacy	69.2 Lm/W					35	539	90-180	0	0	75	1377																								
SC	0.94					45	177	0-180	1509	100	85	0																								
UGR	12.5					55	54																													
						65	19																													
						75	6																													
						85	0																													
						90	0																													

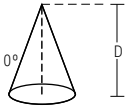
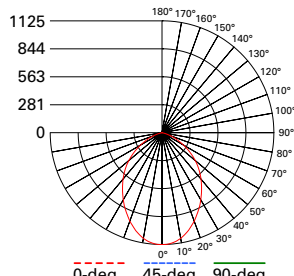
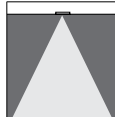
MEDIUM 55° BEAM (LI)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571659	Downlight				Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance																								
Housing	LD6C20D010			<table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>144.5</td><td>3.2</td><td>3.2</td></tr><tr><td>7'</td><td>47.2</td><td>5.8</td><td>5.8</td></tr><tr><td>9'</td><td>28.5</td><td>7.6</td><td>7.6</td></tr><tr><td>13'</td><td>13.7</td><td>10.8</td><td>10.8</td></tr><tr><td>16'</td><td>9</td><td>13.4</td><td>13.4</td></tr></table>		D	FC	L	W	4'	144.5	3.2	3.2	7'	47.2	5.8	5.8	9'	28.5	7.6	7.6	13'	13.7	10.8	10.8	16'	9	13.4	13.4	0	2311	0-30	1359	73.6	37	30951
D	FC	L	W																																	
4'	144.5	3.2	3.2																																	
7'	47.2	5.8	5.8																																	
9'	28.5	7.6	7.6																																	
13'	13.7	10.8	10.8																																	
16'	9	13.4	13.4																																	
Module	EU6C10259035					5	2281	0-40	1737	94	45	8063																								
Trim	6LBMLI					15	1903	0-60	1841	99.7	55	898																								
Lumens	1847					25	1364	0-90	1847	100	65	623																								
Efficacy	84.7 Lm/W					35	591	90-180	0	0	75	508																								
SC	0.85					45	104	0-180	1847	100	85	0																								
UGR	1.3					55	9																													
						65	5																													
						75	2																													
						85	0																													
						90	0																													

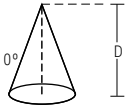
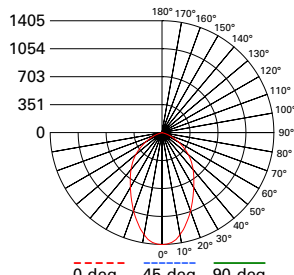
NARROW 55° BEAM (H)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571660	Downlight				Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance																								
Housing	LD6C20D010			<table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>104.1</td><td>3</td><td>3</td></tr><tr><td>7'</td><td>34</td><td>5.4</td><td>5.4</td></tr><tr><td>9'</td><td>20.6</td><td>7</td><td>7</td></tr><tr><td>13'</td><td>9.9</td><td>10</td><td>10</td></tr><tr><td>16'</td><td>6.5</td><td>12.4</td><td>12.4</td></tr></table>		D	FC	L	W	4'	104.1	3	3	7'	34	5.4	5.4	9'	20.6	7	7	13'	9.9	10	10	16'	6.5	12.4	12.4	0	1665	0-30	916	70.5	37	23572
D	FC	L	W																																	
4'	104.1	3	3																																	
7'	34	5.4	5.4																																	
9'	20.6	7	7																																	
13'	9.9	10	10																																	
16'	6.5	12.4	12.4																																	
Module	EU6C10259035					5	1618	0-40	1191	91.7	45	6977																								
Trim	6LBNH					15	1282	0-60	1289	99.2	55	2045																								
Lumens	1299					25	893	0-90	1299	100	65	921																								
Efficacy	59.6 Lm/W					35	438	90-180	0	0	75	508																								
SC	0.78					45	90	0-180	1299	100	85	0																								
UGR	6.9					55	21																													
						65	7																													
						75	2																													
						85	0																													
						90	0																													

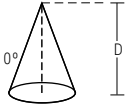
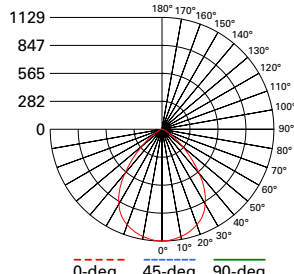
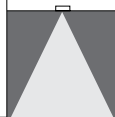
NARROW 30° BEAM (LI)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571661	Downlight				Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance																								
Housing	LD6C20D010			<table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>233.6</td><td>2</td><td>2</td></tr><tr><td>7'</td><td>76.3</td><td>3.6</td><td>3.6</td></tr><tr><td>9'</td><td>46.2</td><td>4.6</td><td>4.6</td></tr><tr><td>13'</td><td>22.1</td><td>6.8</td><td>6.8</td></tr><tr><td>16'</td><td>14.6</td><td>8.4</td><td>8.4</td></tr></table>		D	FC	L	W	4'	233.6	2	2	7'	76.3	3.6	3.6	9'	46.2	4.6	4.6	13'	22.1	6.8	6.8	16'	14.6	8.4	8.4	0	3738	0-30	1320	80.4	37	21389
D	FC	L	W																																	
4'	233.6	2	2																																	
7'	76.3	3.6	3.6																																	
9'	46.2	4.6	4.6																																	
13'	22.1	6.8	6.8																																	
16'	14.6	8.4	8.4																																	
Module	EU6C10259035					5	3483	0-40	1580	96.2	45	4590																								
Trim	6LBNLI					15	2027	0-60	1639	99.8	55	459																								
Lumens	1642					25	973	0-90	1642	100	65	311																								
Efficacy	75.3 Lm/W					35	412	90-180	0	0	75	0																								
SC	0.53					45	59	0-180	1642	100	85	0																								
UGR	0					55	5																													
						65	2																													
						75	0																													
						85	0																													
						90	0																													

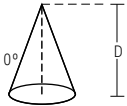
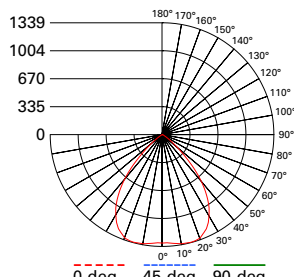
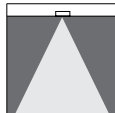
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SHALLOW 85° BEAM (H)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571662	Downlight				Degrees Vertical	Canдела	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance																								
Housing	LD6C20D010			<table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>70.3</td><td>4.2</td><td>4.2</td></tr><tr><td>7'</td><td>23</td><td>7.4</td><td>7.4</td></tr><tr><td>9'</td><td>13.9</td><td>9.4</td><td>9.4</td></tr><tr><td>13'</td><td>6.7</td><td>13.6</td><td>13.6</td></tr><tr><td>16'</td><td>4.4</td><td>16.8</td><td>16.8</td></tr></table>		D	FC	L	W	4'	70.3	4.2	4.2	7'	23	7.4	7.4	9'	13.9	9.4	9.4	13'	6.7	13.6	13.6	16'	4.4	16.8	16.8	0	1125	0-30	790	36.7	37	45292
D	FC	L	W																																	
4'	70.3	4.2	4.2																																	
7'	23	7.4	7.4																																	
9'	13.9	9.4	9.4																																	
13'	6.7	13.6	13.6																																	
16'	4.4	16.8	16.8																																	
Module	EU6C10259035					5	1116	0-40	1224	56.9	45	40764																								
Trim	6LBSH					15	1021	0-60	1936	90	55	32821																								
Lumens	2151					25	864	0-90	2151	100	65	21818																								
Efficacy	98.7 Lm/W					35	694	90-180	0	0	75	8536																								
SC	1.06					45	526	0-180	2151	100	85	0																								
UGR	24.9					55	343																													
						65	168																													
						75	40																													
						85	0																													
						90	0																													

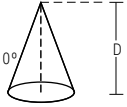
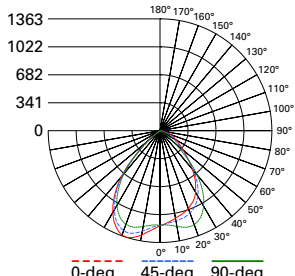
SHALLOW 70° BEAM (LI)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571663	Downlight				Degrees Vertical	Canдела	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance																								
Housing	LD6C20D010			<table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>87.8</td><td>3.6</td><td>3.6</td></tr><tr><td>7'</td><td>28.7</td><td>6.2</td><td>6.2</td></tr><tr><td>9'</td><td>17.3</td><td>8</td><td>8</td></tr><tr><td>13'</td><td>8.3</td><td>11.6</td><td>11.6</td></tr><tr><td>16'</td><td>5.5</td><td>14.4</td><td>14.4</td></tr></table>		D	FC	L	W	4'	87.8	3.6	3.6	7'	28.7	6.2	6.2	9'	17.3	8	8	13'	8.3	11.6	11.6	16'	5.5	14.4	14.4	0	1405	0-30	879	39.5	37	45256
D	FC	L	W																																	
4'	87.8	3.6	3.6																																	
7'	28.7	6.2	6.2																																	
9'	17.3	8	8																																	
13'	8.3	11.6	11.6																																	
16'	5.5	14.4	14.4																																	
Module	EU6C10259035					5	1383	0-40	1315	59.1	45	40516																								
Trim	6LBSLI					15	1175	0-60	2019	90.7	55	32324																								
Lumens	2226					25	913	0-90	2226	100	65	21170																								
Efficacy	102.1 Lm/W					35	695	90-180	0	0	75	8006																								
SC	0.91					45	523	0-180	2226	100	85	0																								
UGR	24.6					55	338																													
						65	163																													
						75	38																													
						85	0																													
						90	0																													

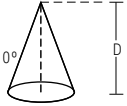
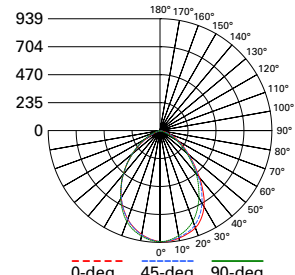
WIDE 80° BEAM (H)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571664	Downlight				Degrees Vertical	Canдела	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance																								
Housing	LD6C20D010			<table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>70.4</td><td>4.6</td><td>4.6</td></tr><tr><td>7'</td><td>23</td><td>8</td><td>8</td></tr><tr><td>9'</td><td>13.9</td><td>10.4</td><td>10.4</td></tr><tr><td>13'</td><td>6.7</td><td>15</td><td>15</td></tr><tr><td>16'</td><td>4.4</td><td>18.4</td><td>18.4</td></tr></table>		D	FC	L	W	4'	70.4	4.6	4.6	7'	23	8	8	9'	13.9	10.4	10.4	13'	6.7	15	15	16'	4.4	18.4	18.4	0	1127	0-30	851	46.6	37	47030
D	FC	L	W																																	
4'	70.4	4.6	4.6																																	
7'	23	8	8																																	
9'	13.9	10.4	10.4																																	
13'	6.7	15	15																																	
16'	4.4	18.4	18.4																																	
Module	EU6C10259035					5	1122	0-40	1312	71.8	45	31934																								
Trim	6LBWH					15	1072	0-60	1770	96.9	55	14260																								
Lumens	1827					25	968	0-90	1827	100	65	5228																								
Efficacy	83.8 Lm/W					35	746	90-180	0	0	75	2499																								
SC	1.16					45	412	0-180	1827	100	85	1510																								
UGR	17.8					55	149																													
						65	40																													
						75	12																													
						85	2																													
						90	0																													

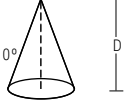
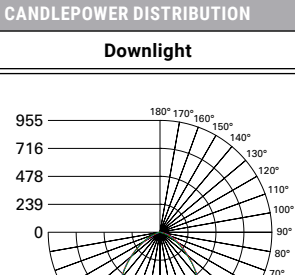
WIDE 80° BEAM (LI)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																									
Test Number	P571665	Downlight				Degrees Vertical	Canдела	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance																								
Housing	LD6C20D010			<table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>81.5</td><td>4.8</td><td>4.8</td></tr><tr><td>7'</td><td>26.6</td><td>8.6</td><td>8.6</td></tr><tr><td>9'</td><td>16.1</td><td>11</td><td>11</td></tr><tr><td>13'</td><td>7.7</td><td>16</td><td>16</td></tr><tr><td>16'</td><td>5.1</td><td>19.8</td><td>19.8</td></tr></table>		D	FC	L	W	4'	81.5	4.8	4.8	7'	26.6	8.6	8.6	9'	16.1	11	11	13'	7.7	16	16	16'	5.1	19.8	19.8	0	1304	0-30	1074	51.4	37	58990
D	FC	L	W																																	
4'	81.5	4.8	4.8																																	
7'	26.6	8.6	8.6																																	
9'	16.1	11	11																																	
13'	7.7	16	16																																	
16'	5.1	19.8	19.8																																	
Module	EU6C10259035					5	1311	0-40	1657	79.4	45	33942																								
Trim	6LBWLI					15	1339	0-60	2075	99.4	55	7235																								
Lumens	2087					25	1249	0-90	2087	100	65	921																								
Efficacy	95.7 Lm/W					35	946	90-180	0	0	75	508																								
SC	1.24					45	438	0-180	2087	100	85	0																								
UGR	10.8					55	76																													
						65	7																													
						75	2																													
						85	0																													
						90	0																													

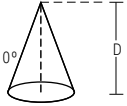
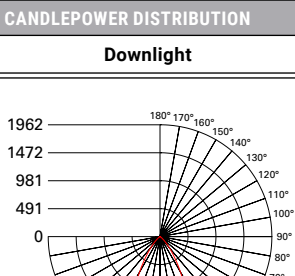
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SINGLE WALL WASH (LI)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE	
Test Number	P571666	Downlight				Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminescence
Housing	LD6C20D010			D		0	1155	0-30	971	46	37	47358
Module	EU6C10259035			FC		5	1121	0-40	1515	71.7	45	36399
Trim	6LBSWNL1			L		15	1048	0-60	2008	95.1	55	26819
Lumens	2112			W		25	949	0-90	2112	100	65	23491
Efficacy	96.9 Lm/W			4'		35	746	90-180	0	0	75	17305
SC	1.29			7'		45	470	0-180	2112	100	85	11133
UGR	25.8			9'		55	281					
				13'		65	181					
				16'		75	82					
						85	18					
						90	0					

LENSED WALL WASH (H)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE	
Test Number	P571667	Downlight				Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminescence
Housing	LD6C20D010			D		0	937	0-30	682	40	37	40857
Module	EU6C10259035			FC		5	936	0-40	1049	61.6	45	32321
Trim	6LBLSWWH			L		15	902	0-60	1561	91.6	55	24315
Lumens	1704			W		25	824	0-90	1704	100	65	18705
Efficacy	78.2 Lm/W			4'		35	642	90-180	0	0	75	12878
SC	1.08			7'		45	417	0-180	1704	100	85	3585
UGR	25			9'		55	254					
				13'		65	144					
				16'		75	61					
						85	6					
						90	0					

LENSED WALL WASH (LI)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE	
Test Number	P571668	Downlight				Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminescence
Housing	LD6C20D010			D		0	953	0-30	712	40.6	37	40426
Module	EU6C10259035			FC		5	936	0-40	1094	62.4	45	31833
Trim	6LBLSWWLI			L		15	896	0-60	1620	92.4	55	23961
Lumens	1753			W		25	822	0-90	1753	100	65	18497
Efficacy	80.4 Lm/W			4'		35	638	90-180	0	0	75	12942
SC	1.1			7'		45	411	0-180	1753	100	85	3585
UGR	24.8			9'		55	251					
				13'		65	143					
				16'		75	61					
						85	6					
						90	0					

MEDIUM BEAM 45° CUTOFF 50° BEAM (H)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE	
Test Number	P571669	Downlight				Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminescence
Housing	LD6C20D010			D		0	1962	0-30	1072	71.8	37	24203
Module	EU6C10259035			FC		5	1894	0-40	1351	90.5	45	9900
Trim	6LBMDH			L		15	1517	0-60	1480	99.1	55	2542
Lumens	1493			W		25	1052	0-90	1493	100	65	1180
Efficacy	68.5 Lm/W			4'		35	437	90-180	0	0	75	635
SC	0.8			7'		45	128	0-180	1493	100	85	252
UGR	7.6			9'		55	27					
				13'		65	9					
				16'		75	3					
						85	0					
						90	0					

Photometric Data

[View IES files](#)

MEDIUM BEAM 45° CUTOFF 50° BEAM (LI)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE			
Test Number	P571670	Downlight						Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance		
Housing	LD6C20D010			D	FC	L	W	Degrees Vertical	Candela	0-30	1230	79.4	37	18792
Module	EU6C10259035			4'	144.6	3	3	5	2309	0-40	1486	95.9	45	5032
Trim	6LBMDLI			7'	47.2	5.2	5.2	15	1837	0-60	1546	99.8	55	535
Lumens	1549			9'	28.6	6.8	6.8	25	1109	0-90	1549	100	65	259
Efficacy	71.1 Lm/W	13'	13.7	9.8	9.8	35	371	90-180	0	0	75	169		
SC	0.76	16'	9	12	12	45	65	0-180	1549	100	85	0		
UGR	0					55	6							
						65	2							
						75	1							
						85	0							
						90	0							

Photometric Multipliers (Nominal Lumen Values)

250 Lumen	500 Lumen	800 Lumen	1000 Lumen	1500 Lumen	2000 Lumen	2500 Lumen	3000 Lumen	3500 Lumen
0.17	0.33	0.44	0.51	0.78	1.00	1.26	1.48	1.74

4000 Lumen	4500 Lumen	5000 Lumen	5500 Lumen	6000 Lumen	6500 Lumen	7000 Lumen	7500 Lumen	8000 Lumen
2.02	2.34	2.65	2.96	3.20	3.35	3.52	4.14	4.47

9000 Lumen	10000 Lumen	11000 Lumen	12000 Lumen	13,000 Lumen
4.76	5.09	5.87	6.33	6.96

Multipliers for relative lumen values with other series models.

CCT Multipliers – 90CRI

2400K	2700K	3000K	3500K	4000K	5000K
0.912	0.949	0.986	1	1.001	1.022

Multipliers for relative lumen values with other series color temperatures.

CCT Multipliers – 97CRI

2700K	3000K	3500K	4000K	5000K
0.889	0.955	1	1.016	1.07

Multipliers for relative lumen values with other series color temperatures.

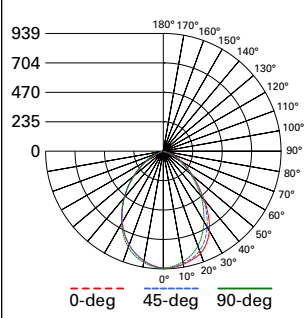
Color Finish Multipliers

Finish code	LI	H	WMH	WH	GPH	B	MW
Finish	Specular Clear	Semi-Specular Clear	Warm Haze	Wheat	Graphite Haze	Specular Black	Matte White
Multiplier	1.22	1	1.07	1.07	0.76	0.59	1.09

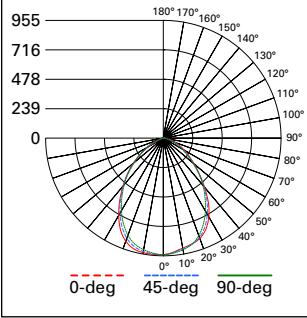
Multipliers for relative lumen values with other color finishes.

Photometric Data

 View IES files

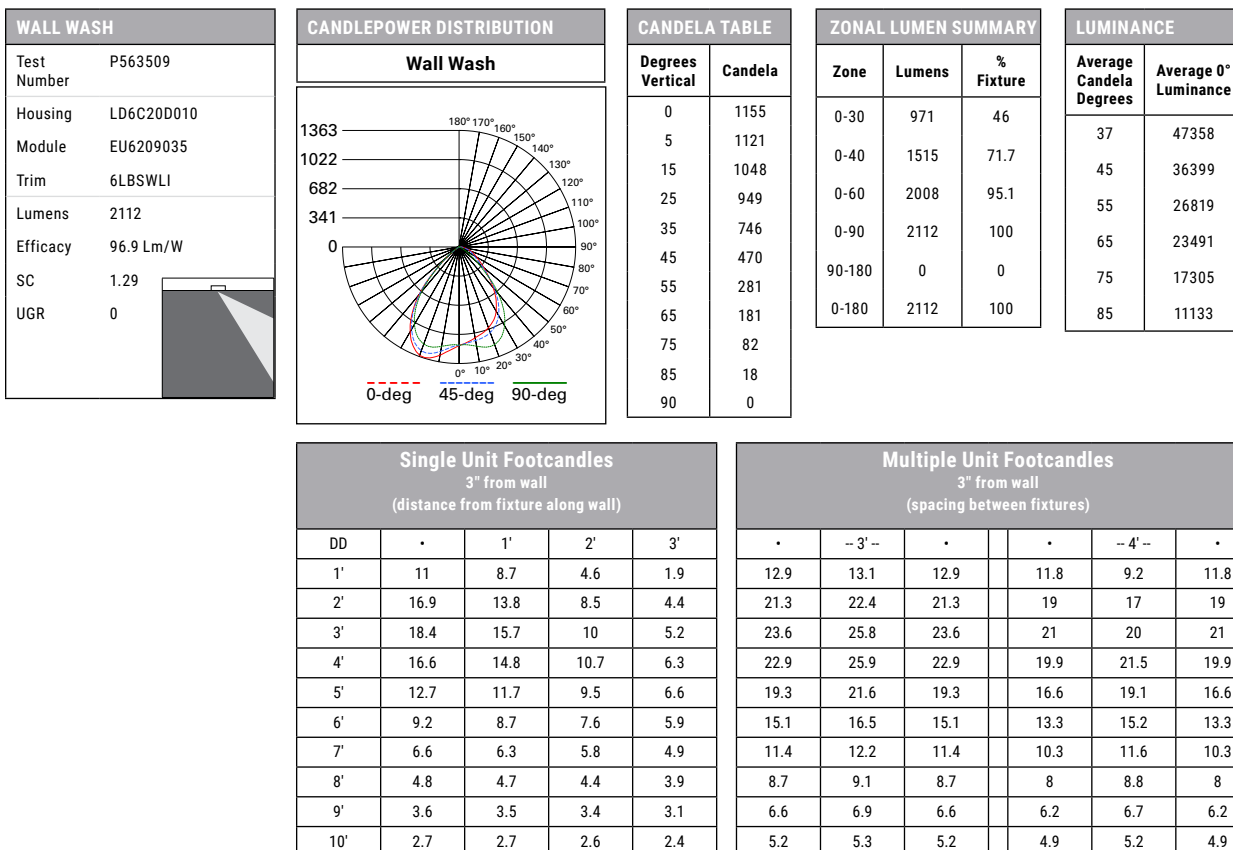
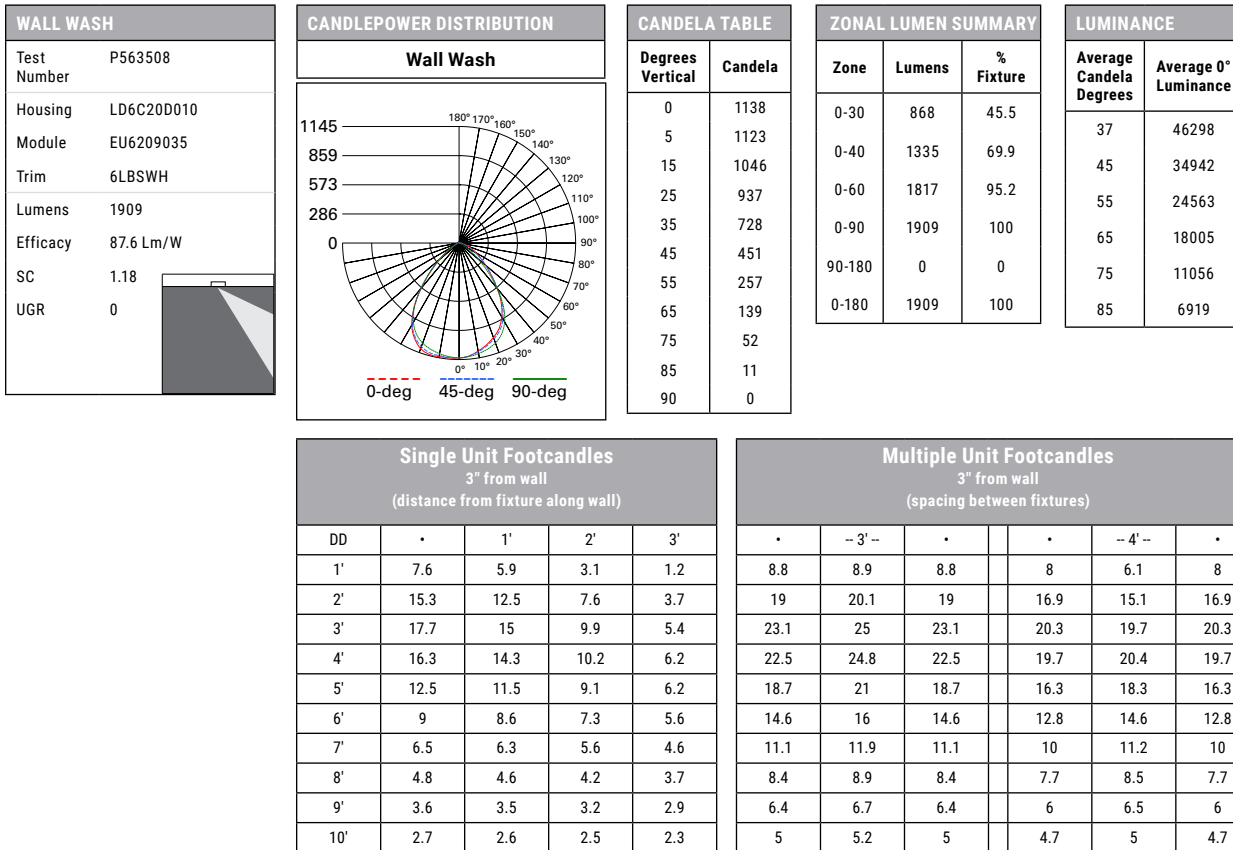
WALL WASH		CANDLEPOWER DISTRIBUTION		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE	
Test Number	P563510	Wall Wash		Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance
Housing	LD6C20D010			0	937	0-30	682	40	37	40857
Module	EU6209035			5	936	0-40	1049	61.6	45	32321
Trim	6LBLWWH			15	902	0-60	1561	91.6	55	24315
Lumens	1704			25	824	0-90	1704	100	65	18705
Efficacy	78.2 Lm/W			35	642	90-180	0	0	75	12878
SC	1.08			45	417	0-180	1704	100	85	3585
UGR	0			55	254					
				65	144					
				75	61					
				85	6					
				90	0					

Single Unit Footcandles 3" from wall (distance from fixture along wall)					Multiple Unit Footcandles 3" from wall (spacing between fixtures)					
DD	•	1'	2'	3'	•	-- 3' --	•	•	-- 4' --	•
1'	8.3	6.4	3.3	1.3	9.6	9.5	9.6	8.8	6.5	8.8
2'	15.2	12.5	7.5	3.8	19.1	20.1	19.1	17.1	15.1	17.1
3'	16.4	14	9.2	5.3	21.6	23.3	21.6	19.2	18.4	19.2
4'	14.4	12.7	9.1	5.7	20	21.9	20	17.7	18.1	17.7
5'	11	10.1	7.8	5.3	16.4	18.1	16.4	14.4	15.6	14.4
6'	8	7.5	6.2	4.6	12.6	13.8	12.6	11.2	12.4	11.2
7'	5.7	5.5	4.7	3.8	9.5	10.3	9.5	8.5	9.5	8.5
8'	4.2	4	3.6	3	7.2	7.7	7.2	6.6	7.2	6.6
9'	3.1	3	2.8	2.4	5.5	5.9	5.5	5.1	5.6	5.1
10'	2.4	2.3	2.2	1.9	4.3	4.5	4.3	4	4.3	4

WALL WASH		CANDLEPOWER DISTRIBUTION		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE	
Test Number	P563511	Wall Wash		Degrees Vertical	Candela	Zone	Lumens	% Fixture	Average Candela Degrees	Average 0° Luminance
Housing	LD6C20D010			0	953	0-30	712	40.6	37	40426
Module	EU6209035			5	936	0-40	1094	62.4	45	31833
Trim	6LBLWWLI			15	896	0-60	1620	92.4	55	23961
Lumens	1753			25	822	0-90	1753	100	65	18497
Efficacy	80.4 Lm/W			35	638	90-180	0	0	75	12942
SC	1.1			45	411	0-180	1753	100	85	3585
UGR	0			55	251					
				65	143					
				75	61					
				85	6					
				90	0					

Single Unit Footcandles 3" from wall (distance from fixture along wall)					Multiple Unit Footcandles 3" from wall (spacing between fixtures)					
DD	•	1'	2'	3'	•	-- 3' --	•	•	-- 4' --	•
1'	8.3	6.4	3.2	1.3	9.5	9.5	9.5	8.7	6.4	8.7
2'	15.1	12.5	7.5	3.8	18.9	20	18.9	16.9	15.1	16.9
3'	16.1	13.9	9.2	5.3	21.4	23.2	21.4	19	18.4	19
4'	14.2	12.6	9.1	5.7	19.9	21.9	19.9	17.6	18.1	17.6
5'	10.9	10	7.8	5.4	16.3	18	16.3	14.4	15.6	14.4
6'	7.9	7.5	6.2	4.6	12.6	13.8	12.6	11.2	12.4	11.2
7'	5.7	5.5	4.8	3.8	9.5	10.3	9.5	8.5	9.5	8.5
8'	4.2	4	3.6	3	7.2	7.7	7.2	6.6	7.3	6.6
9'	3.1	3	2.8	2.4	5.5	5.9	5.5	5.1	5.6	5.1
10'	2.3	2.3	2.2	1.9	4.3	4.5	4.3	4	4.3	4

Photometric Data

[View IES files](#)


Connected Systems



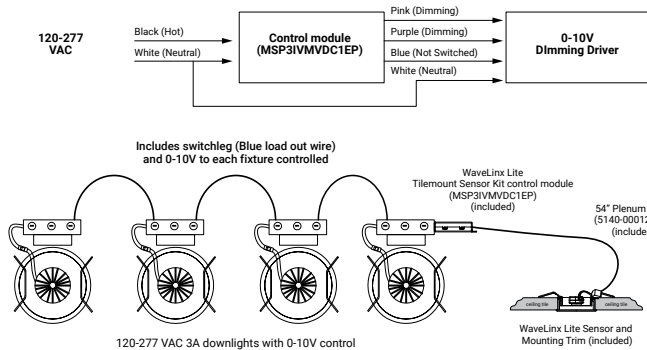
WaveLinX LITE - WLST Tilemount Sensor

WaveLinX LITE devices only compatible with the WaveLinX LITE system.

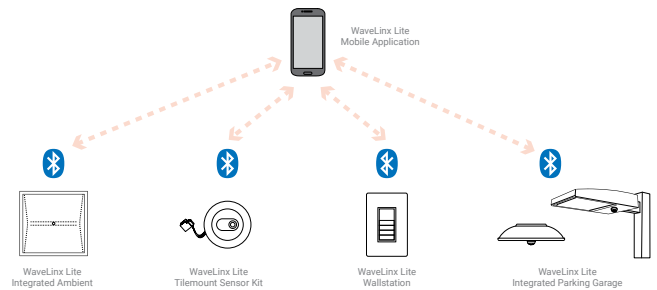
- Intuitive Android™ or Apple® iOS® app for basic system code compliant set up and configuration via Bluetooth
- Up to 28 unique areas per project site (WaveLinX LITE Bluetooth network)
- Up to 50 devices for an area, any one of 16 control zones, up to 6 occupancy sets, and custom lighting scenes
- Automatic occupancy or vacancy, sensor sensitivity, daylight dimming, etc. configurable through the app
- Refer to the WaveLinX system specifications for details



WaveLinX LITE WLST Tilemount Wiring Diagram



WaveLinX LITE Bluetooth Enabled System

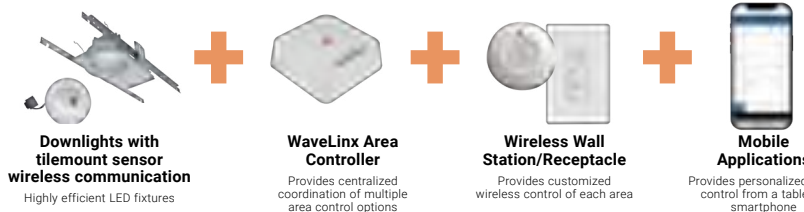
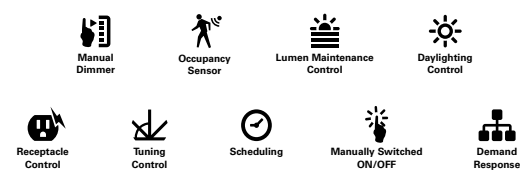


WaveLinX PRO Wireless – WPST Tilemount Sensor

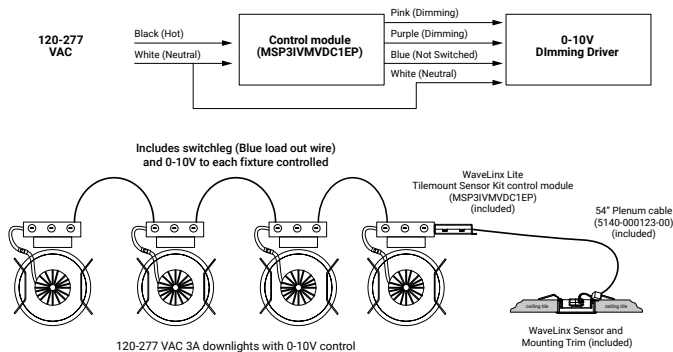
WaveLinX PRO devices only compatible with the WaveLinX PRO system.

- WaveLinX PRO Wireless functionality configures zones and customizes settings from one secure mobile app
- Automatic code commissioning that meets the strictest codes
- Fixtures and sensors integrate with Wireless Area Controller, Wall Stations, and Control Devices
- Stand-Alone Offices or Entire Building Network Installations

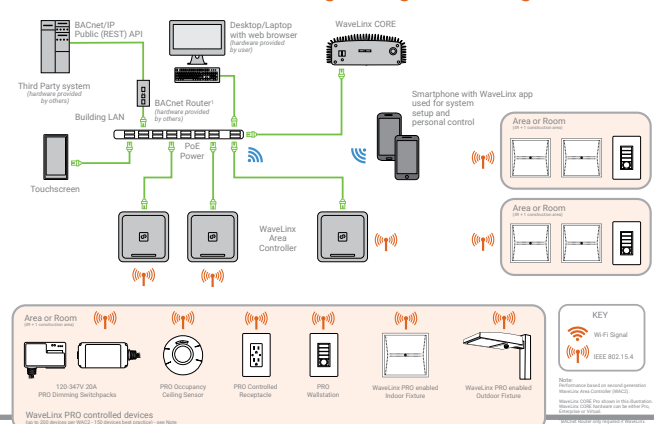
WaveLinX mobile app settings



WaveLinX PRO WPST Tilemount Wiring Diagram



WaveLinX CORE Building Management Integration



Connected Solutions



WaveLinX LITE Wireless Node - WLN

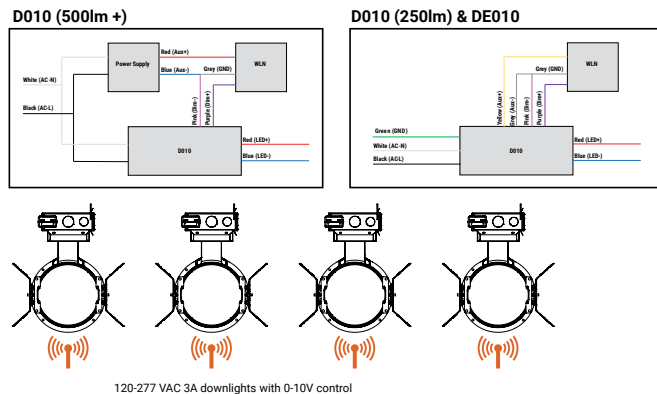
WaveLinX LITE devices only compatible with the WaveLinX LITE system.

- Intuitive Android™ or Apple® iOS® app for basic system code compliant set up and configuration via Bluetooth
- Up to 28 unique areas per project site (WaveLinX LITE Bluetooth network)
- Up to 50 devices for an area, any one of 16 control zones, up to 6 occupancy sets, and custom lighting scenes
- Refer to the WaveLinX system specifications for details
- Not available with BioUp or Tunable White

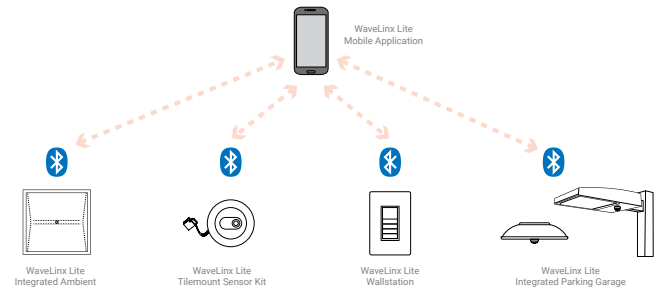
WaveLinX mobile app settings



WaveLinX LITE Wireless Node (WLN) Wiring Diagram



WaveLinX LITE Bluetooth Enabled System



WaveLinX PRO Wireless Node - WPN

WaveLinX PRO devices only compatible with the WaveLinX PRO system.

- WaveLinX Wireless functionality configures zones and customizes settings from one secure mobile app
- Automatic code commissioning that meets the strictest codes
- Fixtures and sensors integrate with WaveLinX Area Controller, Wall Stations, and Control Devices
- Stand-Alone Offices or Entire Building Network Installations

WaveLinX mobile app settings



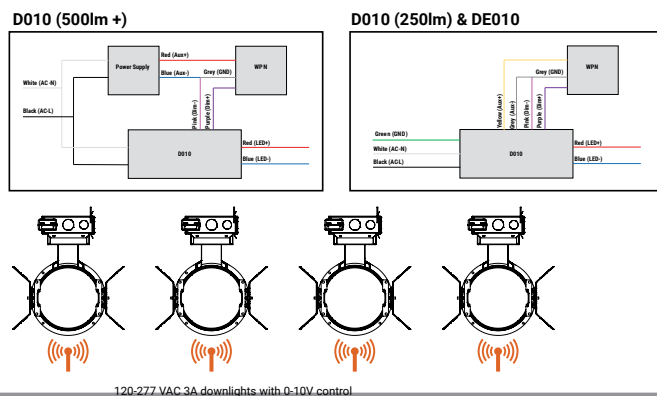
Downlights with wireless communication
Highly efficient LED fixtures

WaveLinX Area Controller
Provides centralized coordination of multiple area control options

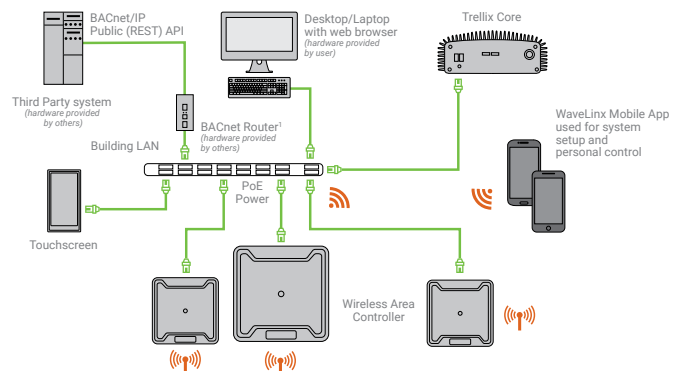
Wireless Wall Station/Receptacle
Provides customized wireless control of each area

Mobile Applications
Provides personalized, local control from a tablet or smartphone

WaveLinX PRO Wireless Node (WPN) Wiring Diagram



WaveLinX CORE Building Management Integration



Multi-line Order Information

SAMPLE ORDER NUMBER: **LD6C10D010TRIEM14**

Invoice will indicate separate fixture components (housing, trim, module) and may ship from multiple CLS facilities in separate cartons.

Single line Ordering
Information Option

--	LD6C	10																								
Domestic Preferences ⁽¹⁾	Housing	Lumens ⁽²⁾																								
[Blank]=Standard BAA=Buy American Act TAA=Trade Agreements Act	LD6C=LED Downlight 6-inch Nominal Aperture LD6CCP=LED Downlight 6-inch Nominal Aperture, Chicago Plenum	<table><tr><td>02=250 lumens</td><td>25=2500 lumens</td><td>55=5500 lumens ⁽³⁾</td><td>90=9000 Lumens ⁽³⁾</td></tr><tr><td>05=500 lumens</td><td>30=3000 lumens</td><td>60=6000 lumens ⁽³⁾</td><td>100=10,000 Lumens ⁽³⁾</td></tr><tr><td>08=800 lumens</td><td>35=3500 lumens</td><td>65=6500 lumens ⁽³⁾</td><td>110=11,000 Lumens ⁽³⁾</td></tr><tr><td>10=1000 lumens</td><td>40=4000 lumens</td><td>70=7000 lumens ⁽³⁾</td><td>120=12,000 Lumens ⁽³⁾</td></tr><tr><td>15=1500 lumens</td><td>45=4500 lumens ⁽³⁾</td><td>75=7500 lumens ⁽³⁾</td><td>130=13,000 Lumens ⁽³⁾</td></tr><tr><td>20=2000 lumens</td><td>50=5000 lumens ⁽³⁾</td><td>80=8000 Lumens ⁽³⁾</td><td>150=15,000 Lumens ⁽³⁾</td></tr></table>	02=250 lumens	25=2500 lumens	55=5500 lumens ⁽³⁾	90=9000 Lumens ⁽³⁾	05=500 lumens	30=3000 lumens	60=6000 lumens ⁽³⁾	100=10,000 Lumens ⁽³⁾	08=800 lumens	35=3500 lumens	65=6500 lumens ⁽³⁾	110=11,000 Lumens ⁽³⁾	10=1000 lumens	40=4000 lumens	70=7000 lumens ⁽³⁾	120=12,000 Lumens ⁽³⁾	15=1500 lumens	45=4500 lumens ⁽³⁾	75=7500 lumens ⁽³⁾	130=13,000 Lumens ⁽³⁾	20=2000 lumens	50=5000 lumens ⁽³⁾	80=8000 Lumens ⁽³⁾	150=15,000 Lumens ⁽³⁾
02=250 lumens	25=2500 lumens	55=5500 lumens ⁽³⁾	90=9000 Lumens ⁽³⁾																							
05=500 lumens	30=3000 lumens	60=6000 lumens ⁽³⁾	100=10,000 Lumens ⁽³⁾																							
08=800 lumens	35=3500 lumens	65=6500 lumens ⁽³⁾	110=11,000 Lumens ⁽³⁾																							
10=1000 lumens	40=4000 lumens	70=7000 lumens ⁽³⁾	120=12,000 Lumens ⁽³⁾																							
15=1500 lumens	45=4500 lumens ⁽³⁾	75=7500 lumens ⁽³⁾	130=13,000 Lumens ⁽³⁾																							
20=2000 lumens	50=5000 lumens ⁽³⁾	80=8000 Lumens ⁽³⁾	150=15,000 Lumens ⁽³⁾																							

--	D010	--
Voltage	Driver	Driver Options
Blank = 120-277V 1 = 120V Specify as noted in driver section 2 = 277V Specify as noted in driver section 3 = 347V (integral driver with D010 800-4000 lumens) all other integral drivers include step down transformer	D010 = 0-10V 1% dimming 500-15,000 lumens with integral driver Specify voltage with 7500 lumens and above for integral driver D010W = Fixed, Wired 0-10V 1% dimming 500-15,000 lumens with integral driver Specify voltage with 7500 lumens and above for integral driver (BAA only) 1 driver: 250-7000 / 2 drivers: 7500-12,000 / 3 drivers: 13,000-15,000 D010TR =0-10V or (120V) phase cut 1% dimming 250-13,000 lumens with integral driver Specify voltage with 5000-9000 lumens, offered in 5000-9000 & 13,000 lumens 1 driver: 250-4500 / 2 drivers: 5000-9000 / 3 drivers: 13,000 DE010 = 0-10V linear 0.1% dimming 500-15,000 lumens with integral driver Specify voltage with 7500 lumens and above 1 driver: 500-7000 / 2 drivers: 7500-12,000 / 3 drivers: 13,000-15,000 D5LT = DALI T6 Logarithmic 0.1% Dimming 500-15,000 lumens with integral driver Specify voltage with 7500 lumens and above 1 driver: 500-7000 / 2 drivers: 7500-12,000 / 3 drivers: 13,000-15,000 DMX = DMX/RDM Logarithmic 0.1% Dimming 800-13,000 with integral driver Specify voltage with 5000 lumens and above, offered in 5000-9000 & 13,000 lumens ⁽¹⁴⁾ 1 driver: 800-4500 / 2 drivers: 5000-9000 / 3 drivers: 13,000 DMXC5 = DMX/RDM Logarithmic 0.1% Dimming with RJ45 connection 800-13,000 with integral driver Specify voltage with 5000 lumens and above, offered in 5000-9000 & 13,000 lumens ⁽¹⁴⁾ 1 driver: 800-4500 / 2 drivers: 5000-9000 / 3 drivers: 13,000 DLE = Lutron Ecosystem dimming 1-100% 800-7500 lumens with integral driver Specify voltage with 4000 lumens and above 1 driver: 800-3500 / 2 drivers: 4000-7500 DLV = Low voltage dimming 1-100% for use with DLVP system, 800-3000 lumens ⁽⁹⁾	Blank =Integral driver R =Remote driver (offered with single driver, order remote driver separately) ⁽⁶⁾ PD =Magnetic Plug in Driver (offered with single driver) ⁽⁸⁾

Options ⁽⁶⁾ ⁽³⁰⁾ ⁽³¹⁾	
EMBOD =Bodine® Emergency Module with Remote Test Switch ⁽¹⁰⁾ EMBOD6ST =Bodine® 6W Self Test Emergency Module with Remote Test Switch EM7 =7W Emergency Module with Remote Test Switch EM14 =14W Emergency Module with Remote Test Switch EM14RSD =14W Self Diagnostic Replaceable Emergency Battery Pack with Integral Test Switch EMBOD7ST =Bodine® Self Test Emergency Module ⁽¹⁰⁾ IEMBOD =Bodine® Emergency Module with Integral Test Switch ⁽¹⁰⁾ ⁽²²⁾ IEM7 =7W Emergency Module with Integral Test Switch ⁽²²⁾ IEM14 =14W Emergency Module with Integral Test Switch ⁽²²⁾	IEM14RSD =14W Self Diagnostic Replaceable Emergency Battery Pack with Remote Test Switch ⁽²²⁾ IEMBOD6ST =Bodine® 6W Self Test Emergency Module with Integral Test Switch ⁽³⁷⁾ EMV7 =7W Low Voltage Emergency Module with Remote Test Switch ⁽⁷⁾ EMV14 =14W Low Voltage Emergency Module with Remote Test Switch ⁽⁷⁾ ETRD =Emergency transfer device ⁽³²⁾ WPST =Factory installed WaveLinx PRO Sensor Kit ⁽¹¹⁾ ⁽¹³⁾ WLST =Factory installed WaveLinx LITE Sensor Kit ⁽¹¹⁾ ⁽¹²⁾ WPN = WaveLinx PRO Wireless Node without sensor ⁽³⁴⁾ ⁽³⁶⁾ WLN = WaveLinx LITE Wireless Node without sensor ⁽³⁵⁾ ⁽³⁶⁾

Continued on next page.

Multi-line Order Information

SAMPLE ORDER NUMBER: EU6C10259035

--	EU6C	1015IC	90	40
Domestic Preferences ⁽¹⁾	Power Module	Lumen Levels ⁽²⁾	CRI ⁽²⁾	Color
[Blank] =Standard BAA =Buy American Act TAA =Trade Agreements Act	EU6C =6-inch Universal LED Module	For use with one driver 0208IC =250, 500, 800 lumens, IC Rated (for use with all drivers, min 500 lumen with DE010 and D5LT, min 800 lumens with DLVP, Lutron and DMX) 1025 = 1000, 1500, 2000, 2500 lumens 1015IC =1000, 1500 lumens IC Rated 3040 =3000, 3500, 4000 lumens (For use with Lutron 3000-3500, DLVP 3000 lumens, DMX, D010, D010TR, D5LT and DE010 3000-4000) 4560 =4500, 5000, 5500, 6000 lumens (For use with DMX and D010TR 4500 lumens, D010, D5LT and DE010 4500-6000) ⁽³⁾ 6570 =6500, 7000 lumens (For use with D010, D5LT and DE010) ⁽³⁾ For use with two drivers 4080 =4000, 4500, 5000, 5500, 6000, 6500, 7000, 75000, 8000 lumens (For use with Lutron 4000-7500, D010TR & DMX 5000-8000, D010, D5LT & DE010 7500-8000 lumen) ⁽³⁾ 90120 =9000, 10000, 11000, 12000 lumens (D010, D5LT, DE010 to 9000-12,000 lumens, DMX and D010TR 9000 lumens) ⁽³⁾ For use with three drivers 130150 =13,000, 15000 lumens (D010, DE010, D5LT, 13,000-15,000 lumens, D010TR and DMX 13,000 lumens) ⁽³⁾	90 =90 CRI Minimum 97 =97 CRI Minimum	90 CRI 24 =2400K 27 =2700K 30 =3000K 35 =3500K 40 =4000K 50 =5000K

SAMPLE ORDER NUMBER: 6LBM2H

6LB	W	1	H	--
Trim	Reflector	Flange	Finish	Options
6LB=6-inch LED	N=Narrow, Spun Aluminum ⁽²⁹⁾ M=50° Cutoff, Medium Beam Reflector, Spun Aluminum MD=45° Cutoff, Medium Beam Reflector, Spun Aluminum W=Wide, Spun Aluminum S=Shallow, Spun Aluminum HY=Hyperbolic medium beam ⁽²⁹⁾ PS=Non-Conductive Shallow (dead front), white ^{(19) (17)} CS=Cast Shallow, Die Cast Aluminum BA= Spun Aluminum Baffle ⁽²⁴⁾	Wall Wash SWN=Single wall wash, spun aluminum DWN=Double wall wash, spun aluminum CW=Corner wall wash, spun aluminum MDSW=45° Cutoff, Single Wall Wash, Spun Aluminum MDDW= 45° Cutoff, Double Wall Wash, Spun Aluminum LSWW=Lensed single wall wash, spun aluminum LDWW=Lensed double wall wash, spun aluminum	0=White polymer trim ring 1=Self flanged ⁽¹⁸⁾ 2=White painted self flanged 4=Knife edge rimless use with die cast only ⁽¹⁹⁾ LI=Specular Clear ⁽²⁰⁾ H=Semi-Specular Clear ⁽²⁰⁾ WMH=Warm Haze ⁽²⁰⁾ WH=Wheat ⁽²⁰⁾ GPH=Graphite Haze ⁽²⁰⁾ B=Specular Black ⁽²⁰⁾ MW=Matte White MB=Matte Black ⁽²¹⁾ MMS=Matte Metallic Silver ⁽²¹⁾	E=Integral Emergency Test Switch Hole ⁽²²⁾ EM6=Integral Emergency Test Switch Hole ⁽³⁸⁾ For use with: • Available with narrow (N), medium (M) and medium 45° (MD), Shallow (S).

REQUIRED if Remote Driver (R) is specified

SAMPLE ORDER NUMBER: RC10010D010TREM7

--	--	--
Domestic Preferences ⁽¹⁾	Remote Drivers	Lumens ^{(2) (14)}
[Blank] =Standard BAA =Buy American Act TAA =Trade Agreements Act	RC100 =Remote 100ft RC75 =Remote 75ft RC50 =Remote 50ft RC25 =Remote 25ft RC15 =Remote 15ft RC5 =Remote 5ft RC2 =Remote 2ft	02 =250 lumens 05 =500 lumens 08 =800 lumens 10 =1000 lumens 15 =1500 lumens 20 =2000 lumens 25 =2500 lumens 30 =3000 lumens 35 =3500 lumens 40 =4000 lumens 45 =4500 lumens 50 =5000 lumens 55 =5500 lumens 60 =6000 lumens 65 =6500 lumens 70 =7000 lumens

Continued on next page.

Multi-line Order Information

D010
Driver
D010 = 0-10V Dimming, 1% to 100%, 120V-277V, 500-3000 lumens 1D010 = 0-10V Dimming, 1% to 100%, 120V, 3500-7000 lumens 2D010 = 0-10V Dimming, 1% to 100%, 277V, 3500-7000 lumens 3D010 = 0-10V Dimming, 1% to 100%, 347V dedicated drivers for 800 to 3000 lumens; 500, 3500-7000 lumens use step down transformer
D010TR = 0-10V Dimming, 1% to 100%,120V-277V or 120V line voltage dimming, 120V-277V, 250- 3000 lumens 1D010TR = 0-10V or line voltage Dimming, 1% to 100%, 120V, 3500-4500 lumens 2D010TR = 0-10V Dimming, 1% to 100%, 277V, 3500-4500 lumens 3D010TR = 0-10V or line voltage Dimming, 1% to 100% 347V step down transformer, 250-4500 lumens
DE010 = 0-10V Dimming, 0.1% to 100%, 120V-277V, 500-3000 lumens 1DE010 = 0-10V Dimming, 0.1% to 100%, 120V, 3500-7,000 lumens 2DE010 = 0-10V Dimming, 0.1% to 100%, 277V, 3500-7,000 lumens 3DE010 = 0-10V Dimming, 0.1% to 100%, 347V step down transformer, 500-7,000 lumens
D5LT = Fifth Light® (DALI T6) Logarithmic Dimming, 0.1% to 100%, 120V-277V, 500-3000 lumens 1D5LT = Fifth Light® (DALI T6) Logarithmic Dimming, 0.1% to 100%, 120V, 3500-7,000 lumens 2D5LT =Fifth Light® (DALI T6) Logarithmic Dimming, 0.1% to 100%, 277V, 3500-7,000 lumens 3D5LT =Fifth Light® (DALI T6) Logarithmic Dimming, 0.1% to 100% 347V step down transformer, 500-7,000 lumens
DMX = DMX/RDM Logarithmic Dimming, 0.1% to 100%, 120V-277V, 800-3000 lumens ⁽⁵⁾ 1DMX =DMX/RDM Logarithmic Dimming, 0.1% to 100%, 120V, 3500-4500 ⁽⁵⁾ 2DMX =DMX/RDM Logarithmic Dimming, 0.1% to 100%, 277V, 3500-4500 ⁽⁵⁾ 3DMX =DMX/RDM Logarithmic Dimming, 0.1% to 100%, 347V step down transformer, 800-4500 ⁽⁵⁾
DMXC5 = DMX/RDM Logarithmic Dimming, 0.1% to 100%, 120V-277V up to 800-3000 lumens, RJ45 Connection ⁽⁵⁾ 1DMXC5 =DMX/RDM Logarithmic Dimming, 0.1% to 100%, 120V, 3500-4500 lumens, RJ45 Connection ⁽⁵⁾ 2DMXC5 =DMX/RDM Logarithmic Dimming, 0.1% to 100%, 277V, 3500-4500 lumens, RJ45 Connection ⁽⁵⁾ 3DMXC5 =DMX/RDM Logarithmic Dimming, 0.1% to 100%, 347V step down transformer, 800-4500 lumens, RJ45 Connection ⁽⁵⁾
DLE = Lutron Ecosystem dimming 1% to 100%, 120V-277V, 25' Max remote length, 800-3000 lumens 1DLE =Lutron Ecosystem dimming 1% to 100%, 120V, 25' Max remote length, 3500 lumens 2DLE =Lutron Ecosystem dimming 1% to 100%, 277V, 25' Max remote length, 3500 lumens 3DLE =Lutron Ecosystem dimming 1% to 100%, 347V, step down transformer, 25' Max remote length, 800-3500 lumens
DLV = Low voltage dimming driver (1-100%) for use with DLVP system, 800-3000 lumens ⁽⁶⁾

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Options ⁽⁶⁾ ⁽³⁰⁾ ⁽³¹⁾	Controls
EMB0D =Bodine® Emergency Module with Remote Test Switch ⁽¹⁰⁾ EMB0D6ST =Bodine® 6W Self Test Emergency Module with Remote Test Switch EM7 =7W Emergency Module with Remote Test Switch EM14 =14W Emergency Module with Remote Test Switch	EMB0D7ST =Bodine® Self Test Emergency Module with Remote Test Switch ⁽¹⁰⁾ EMV7 =7W Low Voltage Emergency Module with Remote Test Switch ⁽⁷⁾ EMV14 =14W Low Voltage Emergency Module with Remote Test Switch ⁽⁷⁾ ETRD =Emergency transfer device ⁽⁸²⁾ WPST =Factory installed WaveLinX PRO Sensor Kit ⁽¹¹⁾ ⁽¹³⁾ WLST =Factory installed WaveLinX LITE Sensor Kit ⁽¹¹⁾ ⁽¹²⁾ WPN = WaveLinX PRO Wireless Node without sensor ⁽³⁴⁾ ⁽³⁶⁾ WLN = WaveLinX LITE Wireless Node without sensor ⁽³⁵⁾ ⁽³⁶⁾

LGSKT6IP66

Accessories (Order separately) ⁽²⁸⁾		
TRM6P =White metal trim ring ⁽²⁴⁾ LGSKT6IP66 =IP66 Gasket Kit DT6RF =6 inch frosted acrylic ring ⁽²⁸⁾ PRR6 =Rimless Plaster Ring ⁽²⁶⁾ RKP6 =Knife Edge plaster Ring ⁽²⁷⁾ RPM6MW =Rimless Millwork Ring, Matte White ⁽²⁶⁾ RPM6MB =Rimless Millwork Ring, Matte Black ⁽²⁶⁾ RKM6MW =Knife Edge Millwork Ring, Matte White ⁽²⁷⁾ RKM6MB =Knife Edge Millwork Ring, Matte Black ⁽²⁷⁾	HSA6 =Slope Adapter for 6" Aperture Housings, Specify Slope ⁽³³⁾ Connected Lighting Systems ⁽⁶⁾ ⁽¹¹⁾ WPST = Field installed WaveLinX PRO Sensor Kit ⁽¹³⁾ WLST = Field installed WaveLinX LITE Sensor Kit ⁽¹²⁾ Transformers H347 =H347 for 5500 lumens and below	Bar Hangers BAA-HB26 =C-channel Bar Hanger, 26" Long, Pair ⁽¹⁾ TAA-HB26 =C-channel Bar Hanger, 26" Long, Pair ⁽¹⁾ HB26 =C-channel Bar Hanger, 26" Long, Pair HB50 =C-channel Bar Hanger, 50" Long, Pair RMB22 =Wood Joist Bar Hanger, 22" Long, Pair

Notes: 1. Only product configurations with these designated prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act of 1979 (TAA), respectively. Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analysed under domestic preference requirements. Offered with spun aluminum narrow (N), medium (M) and wide (W) trims, and open wall wash (SWN and DWN). 2. Nominal Lumens will vary depending on selected color, CRI, driver and reflector finish. Reference Multiplier tables . 3. Product is marked spacing. Reference table on page 4 for the spacing details . 5. DMX fixtures default to full on upon loss of DMX signal. 6. Not available with Chicago Plenum. 7. ULUS listed only 8. Offered with - D010, D5LT, DE010 up to 7000 lumens - D010TR, DMX up to 4500 lumens - DLE, DL2 up to 3500 lumens 9. Not available with 5500 lumens 10. Not available for 6500-7000 lumens 11. Refer to system specifications for additional information, features, and benefits. Order either factory installed option or accessory. Use with 0-10V driver.	12. WLST = WaveLinX LITE lifetime sensor kit for daylight dimming. PIR motion sensing, use with D010 only (Refer to WaveLinX LITE system specifications) 13. WPST = WaveLinX wireless sensor kit for daylight dimming, PIR motion sensing, and optional RLTS - Real Time Location Services, use with 0-10V only. 14. IC rated up to 3000 lumens 15. Spun aluminum only 16. PS available in self-flanged MW finish only 17. Offered up to 2000 lumens 18. Flange is the same finish as the reflector 19. Requires knife edge accessory ring 20. Anodized or spun reflectors 21. Die cast only 22. Available with narrow (N), medium (M) and medium 45 degree (MD) Spun Aluminum trims. Required for use with all IEMB0D, IEM7, IEM14, IEMV7 and IEMV14 housings. Not offered with remote driver. 23. Offered with DLVP up to 3000 lumens. 25. Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information. 26. Order trim with polymer trim ring (Consult specification sheet for color ordering information and options).	27. Order die cast trim with flange type 4 28. Order with self flanged trim. 29. Use only with single LED/driver. 30. If using remote driver order battery and controls with the remote driver. 31. 120-277V 32. Used to bypass local control during outage. Must be used in conjunction with UL 1008 device (provided by others) 33. Not recommended for use with Wall Wash 34. WPN = WaveLinX PRO wireless node provides luminaire level control with scene and zone configuration without an integrated sensor; Connects wirelessly with daylight dimming sensor and PIR motion sensor if desired. Use with D010 or DE010 drivers only. 35. WLN = WaveLinX LITE wireless node provides luminaire level control with scene and zone configuration without an integrated sensor; Connects wirelessly with daylight dimming sensor and PIR motion sensor if desired. Use with D010 or DE010 drivers only. 36. Not compatible with 347V or Chicago plenum. 37. Available with narrow (N), medium (M) and medium 45° (MD), Shallow (S). Required for use with all IEMB0D6ST, IEM7, IEM14, IEMV7 and IEMV14 housings. Not offered with remote driver. 38. Required for use with IEMB0D6ST. Not offered with remote driver.
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FIXTURE TYPE: OC4 / OC6 / OC8 / OC10

PROJECT NAME: Oakwood Village - Independent Living



Catenary mounted aluminum linear LED pendant.

FEATURES:

- Available in 2' to 20' lengths
- >90CRI smooth, dot free illumination
- Dimmable IP67 power supply and IP67 LED strip
- Small scale with seamless catenary mounting

SPECIFICATIONS:

HOUSING: Seamless housing comprised of custom aluminum 6005A-T6 extrusions with 6061-T6 end caps.

ELECTRICAL: Powered by a standalone Q-Tran QZ, 120-277VAC primary/24VDC secondary outdoor rated remote dimmable power supply. Power supply features built-in short circuit protection, over

load protection, and over temperature protection. System is forward phase, reverse phase, and 1-10V dimming. Consult factory for other driver options. Fixtures supplied with 1' infeed cable and 1' outfeed cable, if applicable, with a IP67 connector. Operating temperature of -40°F to 125°F SO, 115°F MO, and 108°F HO.

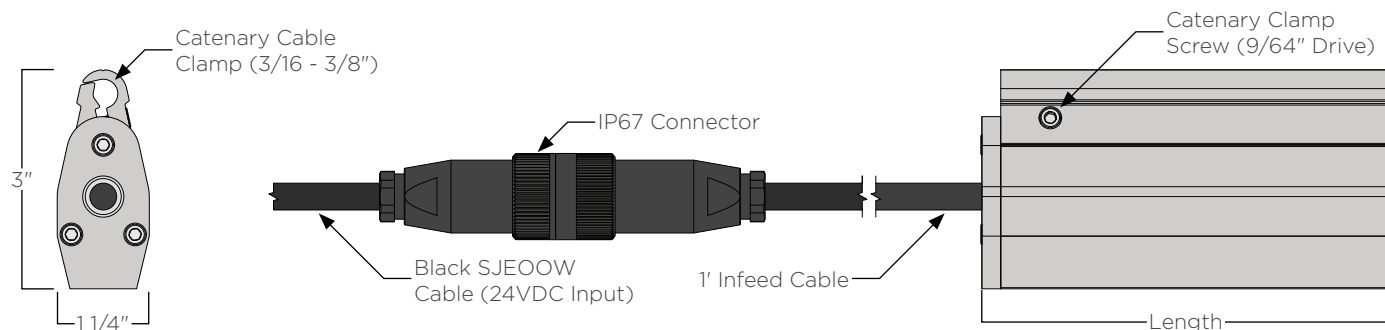
OPTICAL SYSTEM: Available in 2700K, 3000K, 3500K, 4000K color temperatures with smooth, dot free illumination.

FINISHES: All exterior aluminum parts are polyester powder coat painted to meet AAMA 2604 standards. See Structura's finish options for available colors. [Care and Maintenance](#)

HARDWARE: All fasteners are stainless steel unless otherwise noted.

LISTINGS & RATINGS: Luminaire CSA listed according to CSA C22.2 No. 250.0-18/UL Standard 1598 and UL Standard 2108. Suitable for wet locations. LM-80 test calculated L70 > 35,000 hours.

WARRANTY: A 2-year finish warranty with 3-year warranty on LED and driver.



	Standard Output		Medium Output		High Output			
Length	Lumens ⁽¹⁾	Watts	Lumens ⁽¹⁾	Watts	Lumens ⁽¹⁾	Watts	Weight	EPA
2'	253	3	508	6	877	12	3.6lbs.	.50ft ²
4'	506	6	1017	12	1754	24	7.0lbs.	.98ft ²
6'	760	9	1525	18	2631	36	10.4lbs.	1.46ft ²
8'	10134	12	2034	24	3508	48	13.8lbs.	1.95ft ²
10'	1266	15	2542	30	4385	60	17.3lbs.	2.43ft ²
12'	1520	18	3051	36	5262	72	20.7lbs.	2.91ft ²
14'	1773	21	3559	42	6139	84	24.1lbs.	3.40ft ²
16'	2026	24	4068	48	7016	96	27.5lbs.	3.88ft ²
18'	2280	27	4576	54	7893	108	30.9lbs.	4.36ft ²
20'	2533	30	5084	60	8771	120	34.4lbs.	4.85ft ²

ORDERING GUIDE: EXAMPLE: CORDE-6-L30HO-C3-CAT/S-40-STD



CORDE	4/6/8/10	L40-SO	##	CAT/D	##	STD
1	2	4	5	6	7	8

1	Series	3	CCT	5	Metal Finish	7	Mounting Length
CORDE	Corde	L27	2700K	C*	See color options on finishes technical sheet	10	10'
2	Length	L30	3000K	CSM	Custom Color	40	40'
2	2'	L35	3500K	6	Mounting	**	Specify
4	4'	L40	4000K	CAT/S	Catenary, Standalone	8	Special
6	6'	RGB	RGB	CAT/D	Catenary, Daisy Chain ⁽²⁾	STD	Standard
8	8'	RGBW/27	RGBW/2700K			MOD	Modified
10	10'	RGBW/30	RGBW/3000K				
12	12'	4	Output				
14	14'	SO	Standard Output				
16	16'	MO	Medium Output				
18	18'	HO	High Output				
20	20'						

1. Lumen output based upon 3000K CCT.
2. Consult factory for daisy chain applications.

Fixture OD

Oakwood Village - Independent Living



Turtle-friendly Amber



The turtle-friendly amber (600-610nm) is a specialized CCT designed to protect sea turtles and marine life. Ideal for beachfront resorts, coastal homes, and other areas near turtle habitats.

The Plus Round LED Bollard is a high-performance outdoor luminaire featuring corrosion-resistant aluminum housing. It offers selectable wattage and CCT via DIP switches with photocontrol. Modular top heads enable customizable light distribution.

TECHNICAL DATA

Wattage	Selectable 24W/19W/14W
CRI	>70
CCT	Selectable 3000K/4000K/5000K Turtle -friendly amber(600-610nm)
Driver	0-10V Dimming
Input Voltage	120-347V
Operating Temp.	-40°F to 113°F(-40°C to 45°C)
Certifications	cUL listed Suitable for wet location RoHS compliant
Power Factor	>0.9 at full load
Harmonic Distortion	<20% at full load
Projected Lifetime	L90 - 54,000 Hours
IP Rating	65
IK Rating	08-Standard
IK Rating	10-Optional
Surge Protection	4kV

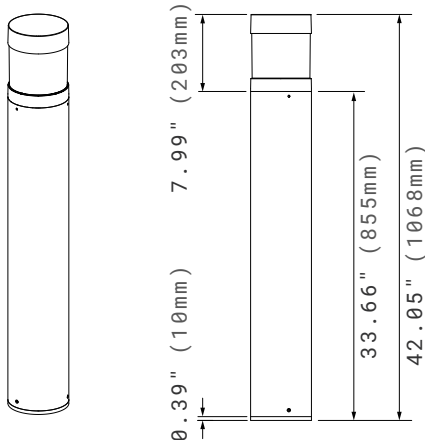
FEATURES

- **Durable Design:** Corrosion-resistant aluminum exterior with IP65/IK08 ratings for harsh environments.
- **Flexible Lighting:** Adjustable wattage and CCT via integrated DIP switches.
- **Smart Controls:** Photosensor and emergency back-up for automated operation and emergency lighting.
- **Modularity:** Interchangeable top heads (flat, dome, louvered) for various application.

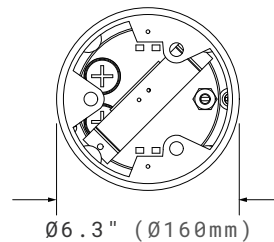
SPECIFICATION

Dimension

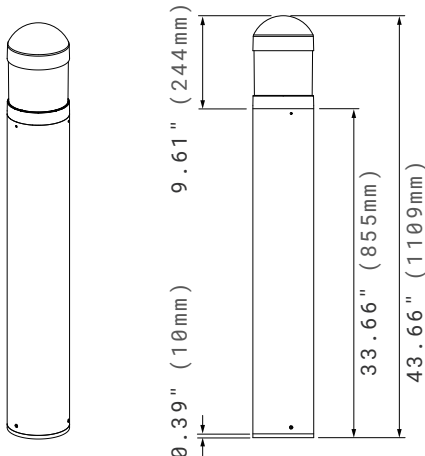
Flat Top



Bollard Base

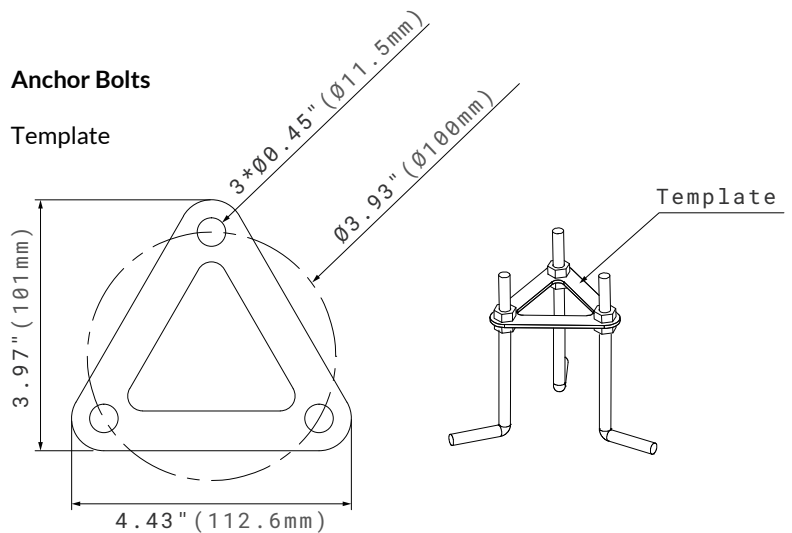


Dome Top



Anchor Bolts

Template



PERFORMANCE DATA

Lumen values are measured by third party certified laboratories performed in accordance with IESNA LM-79-08 as well as Lighting Facts listed.

Bollard Head	Wattage	Lumen Output	CRI	CCT	Efficiency
Clear Shield	14W	1905lm	>70	3000K	136lm/W
Clear Shield	19W	2608lm	>70	3000K	137lm/W
Clear Shield	24W	3236lm	>70	3000K	134lm/W
Louver Reflector	14W	1029lm	>70	3000K	73lm/W
Louver Reflector	19W	1413lm	>70	3000K	74lm/W
Louver Reflector	24W	1749lm	>70	3000K	72lm/W

ORDERING INFORMATION

EXAMPLE: PLUS-R-FC-24SPSW8-PC-BK

PLUS	R	FC	24SP(14W)	SW	8	--	BZ
Series	Shape	Bollard Head ¹	Wattage	CCT	Voltage	Control	Finish
PLUS Plus Bollard	R Round	FC  Flat Top Clear Shield FL  Flat Top Louver Reflector DC  Dome Top Clear Shield DL  Dome Top Louver Reflector <i>Bollard Pole need to be ordered separately.¹</i>	24SP² Selectable 24W ² 19W 14W	SW³ 3000K ³ 4000K 5000K AB Turtle-friendly Amber (600-610nm)	8 120-347V	BLANK 0-10V Dimming Driver PC Photocell EBU Emergency Battery Back-up	BK⁴ Black ⁴ RAL9017 BZ Bronze RAL8019

NOTE:

1. The Head and Pole need to be ordered separately. Please find the part# of pole and anchor bolt from the accessory list.
2. The default power setting is 24W.
3. The default CCT is 3000K.
4. The standard finish color is black; Custom finish colors are available at an additional charge. Please contact Customer Service for details.

ACCESSORIES (ORDERED SEPARATELY)

**ABMK-PLUS-R**

Anchor Bolts Mounting Kits
for Plus Round Bollard.

**PLUS-R-34HP-BK**

Bollard Pole,
33.66"(855mm) tall,
Black finish.

**PLUS-R-SS-BK**

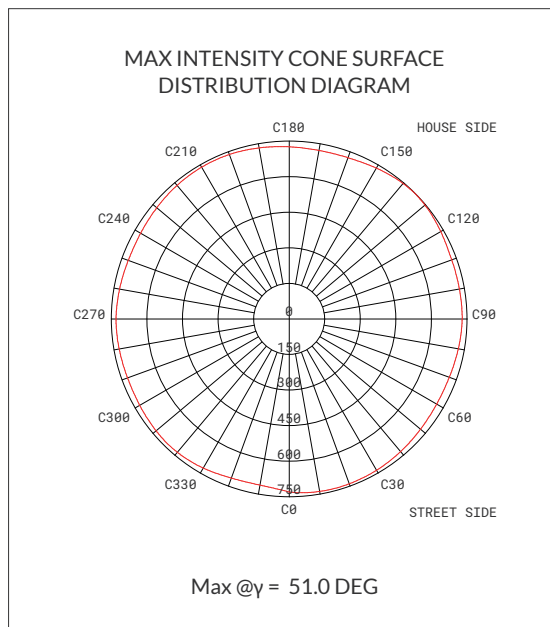
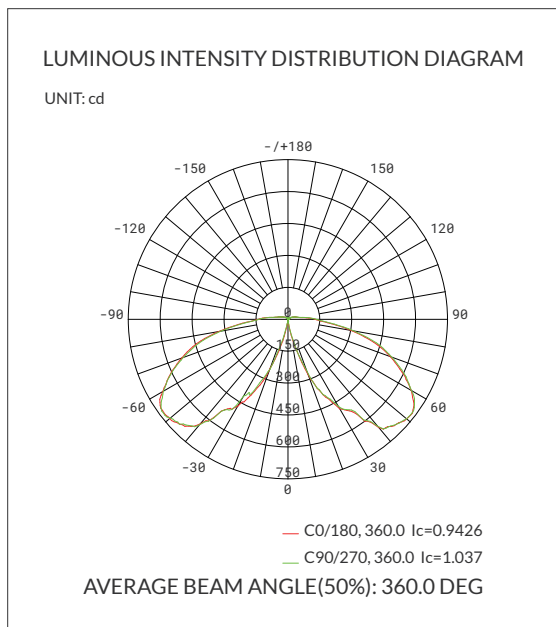
Side Shield, Black finish.

PHOTOMETRY

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Results may vary per actual order.

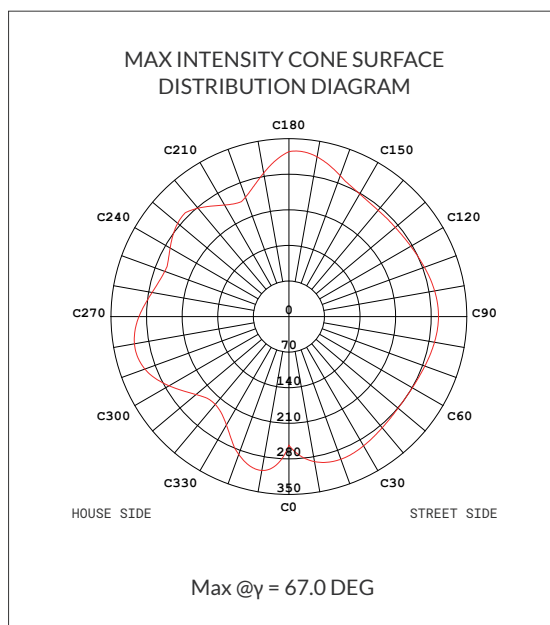
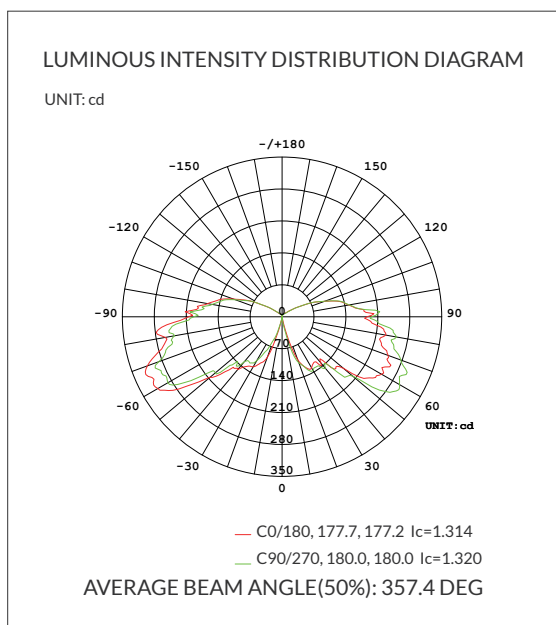
24W-3000K

Clear Shield



24W-3000K

Louver Reflector



BUG RATING TABLE

Performed to IESNA LM-79-08 standards by a NVLAP accredited laboratory.

Model	BUG Rating
PLUS-R-14W-3K-Clear Shield	B1-U3-G1
PLUS-R-14W-4K-Clear Shield	B1-U3-G1
PLUS-R-14W-5K-Clear Shield	B1-U3-G1
PLUS-R-19W-3K-Clear Shield	B1-U3-G1
PLUS-R-19W-4K-Clear Shield	B1-U3-G1
PLUS-R-19W-5K-Clear Shield	B1-U3-G1
PLUS-R-24W-3K-Clear Shield	B2-U3-G2
PLUS-R-24W-4K-Clear Shield	B2-U3-G2
PLUS-R-24W-5K-Clear Shield	B2-U3-G2
PLUS-R-14W-3K-Louver Reflector	B1-U3-G1
PLUS-R-14W-4K-Louver Reflector	B1-U3-G1
PLUS-R-14W-5K-Louver Reflector	B1-U3-G1
PLUS-R-19W-3K-Louver Reflector	B1-U3-G1
PLUS-R-19W-4K-Louver Reflector	B1-U3-G1
PLUS-R-19W-5K-Louver Reflector	B1-U3-G1
PLUS-R-24W-3K-Louver Reflector	B1-U3-G2
PLUS-R-24W-4K-Louver Reflector	B1-U3-G2
PLUS-R-24W-5K-Louver Reflector	B1-U3-G2

WARRANTY

5 years limited warranty.

Specifications subject to change without notice.

Ref#: 20260506



Radean Post Top

LED Area Luminaire



Catalog
Number

Notes

Oakwood Village - Independent Living

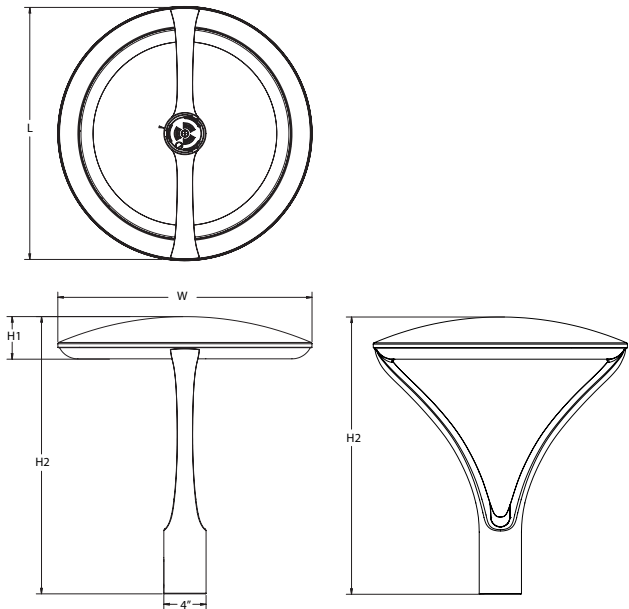
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Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

EPA:	1.02 ft ² (0.105 m ²)
Length:	24" (61cm)
Width:	24" (61cm)
H1 Luminaire Height:	4" (10.16cm)
H2 Luminaire Height:	26" (66.04cm)
Weight:	38lbs (17.24Kg)



Introduction

The architecturally-inspired shape of the RADEAN™ post top area luminaire embodies the grace and strength of the RADEAN family. The twin copper-core cast aluminum arms support the slender superstructure, creating a beautiful sculpture by day transforming into a beacon of comfort by night. Triangular arms redirect reflection maintaining its visually quiet appearance. With sleek lines and simple silhouettes, these LED luminaires use specialized lighting and visual comfort to transform common areas like courtyards, outdoor retail locations, universities and corporate campuses into pedestrian-friendly nighttime environments.

Ordering Information			EXAMPLE: RADPT LED P3 30K SYM MVOLT PT4 PE DNAXD		
RADPT LED	P2	40K	SYM / PATH		PT4
Series	Performance package	Color temperature	Distribution		Mounting (required)
RADPT LED	P1 3,000 Lumens	27K 2700K	SYM	Symmetric type V	PT4 ³ Slips inside a 4" OD round metal pole
	P2 5,000 Lumens	30K 3000K	ASY	Asymmetric type IV	RADPT20 Slips over a 2 3/8" diameter tenon (4" tall tenon required)
	P3 7,000 Lumens	35K 3500K	PATH	Pathway Type III	RADPT25 Slips over a 2 7/8" diameter tenon (4" tall tenon required)
	P4 10,000 Lumens	40K 4000K			
	P5 15,000 Lumens	50K 5000K			
DMG	--	####			
Control options	Other options		Finish (required)		
Shipped installed	SF Single Fuse ²	Shipped installed	DDBXD Dark bronze	DDBTXD Textured dark bronze	
NLTAIR2 nLight AIR 2.0 enabled ⁴	DF Double Fuse ²	HS Houseside shield ⁷	DBLXD Black	DBLBXD Textured black	
PE Button photocell ⁴	R90 Rotated optics ⁶		DNAXD Natural aluminum	DNATXD Textured natural aluminum	
FAO Field adjustable output ⁴			DWHXD White	DWHGXD Textured white	
DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) ⁵					



COMMERCIAL OUTDOOR

1 Acuity Way, Decatur, GA 30035 • Phone: 1-800-705-SERV (7378) • www.lithonia.com
© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

RADPT LED
Rev. 12/08/25

Ordering Information

Accessories

Ordered and shipped separately.

RADHS

Houseside shield (shield is white)

NOTES

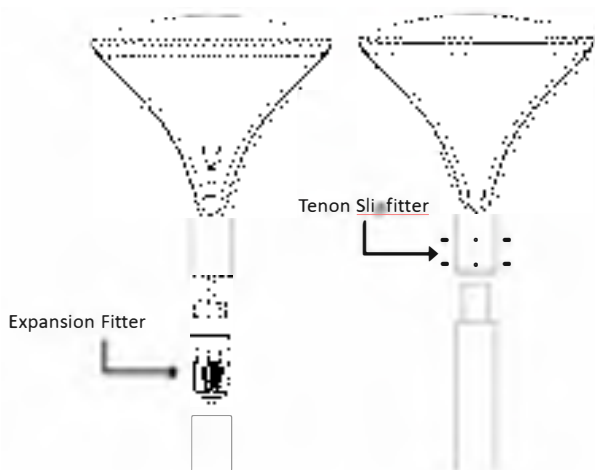
- 1 2700K and 3500K may require extended lead-times.
- 2 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- 3 Requires nominal 4" round straight metal pole.
- 4 NLTAIR2 not available with PE or FAO. Must link to external nLight Air network. Does not include occupancy sensor. For more information refer to [RSBOR](#) pole mount sensor.
- 5 DMG not available with NLTAIR2 or FAO.
- 6 For left rotation, select R90 and rotate luminaire 180° on pole.
- 7 Also available as a separate accessory; see Accessories information at left. HS not available with R90. Shield is field rotatable shield in 180° increments.

Mounting

PT4

RADPT20 or RADPT25

RADPT20 and RADPT25 mounting require a 4" tall tenon (standard on Lithonia poles).



Recommended Poles for use with RADEAN RADPT LED Luminaires.

Acuity Part Number	Description	For luminaires	Used with Mounting
RSS 10 4B PT DDBXD	10' Round Straight Steel - 4" O.D. - Open Top	RADPT LED	PT4
RSS 12 4B PT DDBXD	12' Round Straight Steel - 4" O.D. - Open Top	RADPT LED	PT4
RSS 14 4B PT DDBXD	14' Round Straight Steel - 4" O.D. - Open Top	RADPT LED	PT4
RSS 16 4B PT DDBXD	16' Round Straight Steel - 4" O.D. - Open Top	RADPT LED	PT4
RSS 18 4B PT DDBXD	18' Round Straight Steel - 4" O.D. - Open Top	RADPT LED	PT4
RSS 20 4B PT DDBXD	20' Round Straight Steel - 4" O.D. - Open Top	RADPT LED	PT4
RSS 25 4B PT DDBXD	25' Round Straight Steel - 4" O.D. - Open Top	RADPT LED	PT4
RSS 10 4B T20 DDBXD	10' Round Straight Steel - 4" O.D. - Tenon Top	RADPT LED	RADPT20
RSS 12 4B T20 DDBXD	12' Round Straight Steel - 4" O.D. - Tenon Top	RADPT LED	RADPT20
RSS 14 4B T20 DDBXD	14' Round Straight Steel - 4" O.D. - Tenon Top	RADPT LED	RADPT20
RSS 16 4B T20 DDBXD	16' Round Straight Steel - 4" O.D. - Tenon Top	RADPT LED	RADPT20
RSS 18 4B T20 DDBXD	18' Round Straight Steel - 4" O.D. - Tenon Top	RADPT LED	RADPT20
RSS 20 4B T20 DDBXD	20' Round Straight Steel - 4" O.D. - Tenon Top	RADPT LED	RADPT20
RSS 25 4B T20 DDBXD	25' Round Straight Steel - 4" O.D. - Tenon Top	RADPT LED	RADPT20

* Customer must verify pole loading per required design criteria and specified wind speed. Consult pole specification sheet for additional details.

Control Options

NLTAIR2

PE

FAO (No visible change)



Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown. Contact factory for performance data on any configurations not shown here.

Performance Package	Input Wattage	Distribution	2700K					3000K					3500K					4000K					5000K				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	25	ASY	2,924	2	1	2	115	3,022	2	2	2	119	3,095	2	2	2	122	3,168	2	2	2	125	3,168	2	2	2	125
		PATH	2,529	2	1	2	100	2,613	2	2	2	103	2,676	2	2	2	105	2,739	2	2	2	108	2,739	2	2	2	108
		SYM	3,086	2	1	1	121	3,189	2	1	1	126	3,266	2	1	1	129	3,344	2	1	1	132	3,344	2	1	1	132
P2	38	ASY	4,521	3	2	3	119	4,672	3	2	3	123	4,785	3	2	3	126	4,898	3	2	3	129	4,898	3	2	3	129
		PATH	3,909	2	2	2	103	4,040	2	2	2	106	4,137	2	2	2	109	4,235	3	2	3	111	4,235	3	2	3	111
		SYM	4,772	2	2	1	126	4,931	3	2	1	130	5,050	3	2	1	133	5,169	3	2	1	136	5,169	3	2	1	136
P3	54	ASY	6,387	3	2	3	119	6,600	3	2	3	123	6,760	3	2	3	126	6,919	3	2	3	129	6,919	3	2	3	129
		PATH	5,523	3	2	3	103	5,707	3	2	3	106	5,845	3	2	3	109	5,983	3	2	3	112	5,983	3	2	3	112
		SYM	6,741	3	2	2	126	6,966	3	2	2	130	7,135	3	2	2	133	7,303	3	2	2	136	7,303	3	2	2	136
P4	86	ASY	10,150	4	2	4	118	10,489	4	2	4	122	10,742	4	2	4	125	10,996	4	2	4	128	10,996	4	2	4	128
		PATH	8,777	3	2	3	102	9,070	3	2	3	106	9,289	3	2	3	108	9,509	3	2	3	111	9,509	3	2	3	111
		SYM	10,713	3	2	2	125	11,071	3	2	2	129	11,338	3	2	2	132	11,606	3	2	2	135	11,606	3	2	2	135
P5	123	ASY	14,250	4	2	4	116	14,724	4	2	4	120	15,081	4	3	4	123	15,437	4	3	4	126	15,437	4	3	4	126
		PATH	12,322	4	2	4	101	12,733	4	3	4	104	13,041	4	3	4	106	13,349	4	3	4	109	13,349	4	3	4	109
		SYM	15,040	4	2	3	123	15,541	4	2	3	127	15,917	4	2	3	130	16,293	4	2	3	133	16,293	4	2	3	133

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		LAT Factor
0°C	32°F	1.06
5°C	41°F	1.05
10°C	50°F	1.04
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.96

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the **RADPT LED** platform in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

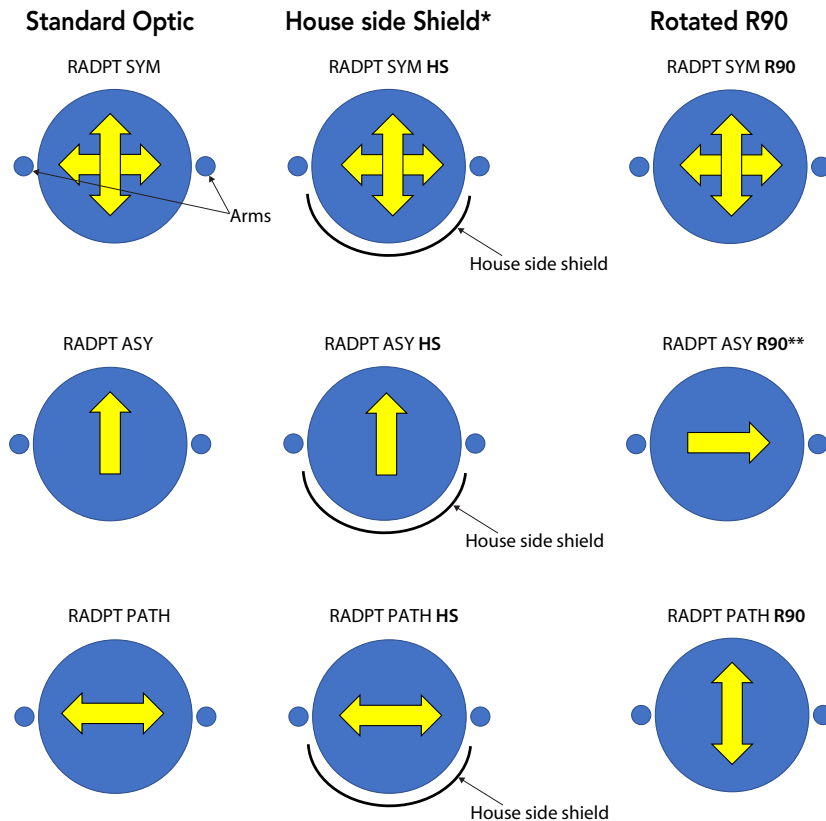
To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Projected LED Lumen Maintenance				
	0	25,000	50,000	100,000
P1	1.00	0.96	0.91	0.82
P2	1.00	0.96	0.91	0.82
P3	1.00	0.96	0.91	0.82
P4	1.00	0.96	0.91	0.82
P5	1.00	0.95	0.89	0.78

Electrical Load

Lumen Package	LED Drive Current	Voltage	Wattage		Current (A)					
					120	208	240	277	347	480
P1	500	42.8	21.4	Input Current	0.22	0.13	0.11	0.1	0.08	0.06
				System Watts	26	26	26	27	25	26
P2	770	43	33.1	Input Current	0.33	0.19	0.16	0.14	0.11	0.08
				System Watts	39	39	39	39	38	38
P3	1100	43.2	47.5	Input Current	0.46	0.26	0.23	0.2	0.16	0.12
				System Watts	55	54	54	54	54	54
P4	900	87.3	78.6	Input Current	0.73	0.42	0.36	0.32	0.25	0.18
				System Watts	87	86	86	86	86	86
P5	1250	88.2	110.2	Input Current	1	0.58	0.5	0.44	0.35	0.25
				System Watts	120	119	119	119	120	120

Isofootcandle plots are considered to be representative of available optical distributions.



*HS not available with R90

**For L90, use R90 and rotate luminaire 180° on pole

FEATURES & SPECIFICATIONS

INTENDED USE

Pedestrian areas such as parks, campuses, pathways, courtyards and pedestrians malls.

CONSTRUCTION

Single-piece die-cast aluminum housing with nominal wall thickness of 0.125" on a 6mm thick acrylic waveguide is fully gasketed with a single piece tubular silicone gasket.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum and white. Available in textured and non-textured finishes.

OPTICS

6MM thick acrylic waveguide with 360° flexible LED board. Available in 2700K, 3000K, 3500K, 4000K and 5000K (80CRI) CCT configurations.

ELECTRICAL

Light engine consists of 96 high-efficacy LEDs mounted to a flexible circuit board and aluminum heat sink, ensuring optimal thermal management and long life. Fixtures ship standard with 0-10v dimming driver (order option DMG for connection to exterior controls). Class 1 electronic driver has a power factor >90%, THD <20%, and with an expected life of 100,000 hours with <1% failure rate. Serviceable 10kV surge protection device meets a minimum Category C Low for operation (per ANSI/IEEE C62.41.2).

INSTALLATION

Standard post-top PT4 type mounting configuration fits into a 4" OD open pole top (round pole only). Alternate tenon (2-3/8" or 2-7/8") mounting also available and require 4" tall tenons.

LISTINGS

CSA certified to U.S. and Canadian standards. Luminaire is IP65 rated. Rated for -40°C minimum ambient.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color or less. U.S. Patent No. D925,088S

GOVERNMENT PROCUREMENT

BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

FEATURES & SPECIFICATIONS

INTENDED USE — These specifications are for USA standards only. Round Straight Steel is a general purpose light pole for up to 30-foot mounting heights. This pole provides a robust yet cost effective option for mounting area lights and floodlights.

CONSTRUCTION

Pole Shaft: The pole shaft is of 0.120" uniform wall thickness and is made of a weldable-grade, hot-rolled, commercial-quality steel tubing with a minimum yield of 42,000 psi. Shaft is one-piece with a full-length longitudinal high-frequency electric resistance weld. Uniformly round in cross-section down length of shaft with no taper. Standard shaft diameters are 3", 4", 4.5" and 5". 6" diameter shaft available by quote. Shaft wall thickness of .180" is available with certain tube diameters.

Pole Top: Options include tenon top, drilled for side mount fixture, 4" tenon with drilling (includes extra handhole) and open top. Side drilled and open top poles include a removable press-fit, black, low density polyethylene top cap.

Handhole: A reinforced handhole with grounding provision is provided at 12" or 18" from the base end of the pole assembly on side A. Every handhole includes a cover and cover attachment hardware. 2.5" x 5" rectangular handhole is provided on pole.

Base Cover: A two-piece ABS round plastic full base cover is provided with each pole assembly. Additional base cover options are available upon factory request. Options include fabricated two-piece sheet steel. All base covers are finished to match pole.

Anchor Base/Bolts: Anchor base is fabricated from hot-rolled carbon steel plate that conforms with ASTM A36. Anchor bolts conform to ASTM F1554 Grade 55 and are provided with two hex nuts and two flat washers. Bolts have an "L" blend on one end. All anchor bolts are hot-dipped galvanized a minimum of 12" nominal on the threaded end. Anchor bolts are made of steel rod having a minimum yield strength of 55,000 psi and a yield strength of 75,000 psi to 95,000 psi.

HARDWARE — All structural fasteners are high-strength galvanized carbon steel. All non-structural fasteners are galvanized or zinc-plated carbon steel or stainless steel.

GROUNDING — Provision located immediately inside handhole rim. Grounding hardware not included (provided by others).

FINISH — Exterior of pole and base plate is protected by a zinc-infused TGIC (Triglycidyl Isocyanurate) powder coat finish that provides superior resistance to corrosion and weathering and meets 5A and 5B classifications of ASTM D3359. A tightly controlled multi-stage process ensures superior adhesion as well as a minimum finish thickness of 3 mils. Architectural Colors and Special Finishes are available by quote and include, but are not limited to Paint over Hot-dipped Galvanized, RAL Colors, Custom Colors and Extended Warranty Finishes.

GOVERNMENT PROCUREMENT

BAA — Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA — Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY — 1-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

NOTE: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

Catalog Number	
Notes	Oakwood Village - Independent Living
Type	OE / OF Pole



Anchor Base Poles

RSS

ROUND STRAIGHT STEEL



RSS Round Straight Steel Pole

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative. Example: RSS 20 4-5B DM32AS DDBXD

RSS	14'	4B	PT	STLHHC-FBCSTL2PC	####
Series	Nominal fixture mounting height	Nominal shaft base size/wall thickness ¹	Mounting ²	Options	Finish
RSS	8'-30' (for 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.) (See technical information table for complete ordering information.)	3B 3" 11ga (.120") 4B 4" 11ga (.120") 4-5B 4.5" 11ga (.120") 5B 5" 11ga (.120") (See technical information table for complete ordering information.)	<u>Tenon mounting</u> PT Open top T20 2-3/8" O.D. (2" NPS) T25 2-7/8" O.D. (2-1/2" NPS) T30 3-1/2" O.D. (3" NPS) T35 4" O.D. (3-1/2" NPS) <u>DSX/RSX/EAX Drill mounting³</u> DM19AS 1 at 90° DM28AS 2 at 180° DM29AS 2 at 90° DM32AS 3 at 120° DM39AS 3 at 90° DM49AS 4 at 90° <u>RAD drill mounting^{3,4}</u> DM19RAD 1 at 90° DM28RAD 2 at 180° DM29RAD 2 at 90° DM32RAD 3 at 120° DM39RAD 3 at 90° DM49RAD 4 at 90° <u>Arm drill mounting</u> To be added as series + drill orientations Ex: SMAC19 for SMAC arm drilling 1 at 90°	<u>Shipped installed</u> VD Vibration damper ⁵ JHxy J-Hook for cable strain relief ⁶ HAXy Horizontal arm bracket (1 fixture) ^{6,7} FDLxy Festoon outlet less electrical ^{6,8} FDLGFClxy Festoon with GFCl outlet and in-use cover ^{6,9} CPL12/xy 1/2" coupling ⁶ CPL34/xy 3/4" coupling ⁶ CPL1/xy 1" coupling ⁶ NPL12/xy 1/2" threaded nipple ⁶ NPL34/xy 3/4" threaded nipple ⁶ NPL1/xy 1" threaded nipple ⁶ EHHxy Extra handhole ^{6,10} STLHHC Steel handhole cover (standard is plastic, finish is smooth) ¹¹ FBCSTL2PC 2 Piece steel base cover (standard is plastic) ¹¹ IC Interior coating ¹² L/AB Less anchor bolts (Include when anchor bolts are not needed) TP Tamper resistant handhole cover fasteners NEC NEC 410.30 compliant gasketed handhole (Not UL Labeled) UL UL listed with label (Includes NEC compliant cover) BAA Buy America(n) Act Compliant ¹³ VM/original order# Match pole to prior order or project ¹⁴	<u>Super durable paint colors</u> DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DSSXD Sandstone DGCXD Charcoal gray DTGXD Tennis green DBRXD Bright red DSBXD Steel blue DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white <u>Other finishes</u> GALV Galvanized finish <u>Architectural colors and special finishes¹⁵</u> [PAINT] GALV Paint over galvanizing VP30 3 year warranty extension VP53 5 year warranty extension RAL#### Use designated Lithonia Lighting nomenclature in brochure Custom color Nomenclature assigned through Customer Care "Custom Color Process"

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Accessories: Order as separate catalog number.
PL DT20 Plugs for RAD drillings
PL DT8 Plugs for DMxxAS drillings
FVD xxFT Field installed vibration damper (snake style) ⁵

- NOTES:
1. Wall thickness will be signified with a "B" (11 Gauge) or a "F" (7-Gauge) in nomenclature. "B" - .120" | "F" - .180"
2. PT open top poles include top cap. When ordering tenon mounting and drill mounting for the same pole, specify as drilling option/tenon option. The combination includes a required extra handhole.
Example: DM28/T20.
3. Refer to the fixture spec sheet for the correct drilling template pattern and orientation compatibility.
4. DM19RAD, DM28RAD and DM32RAD require a minimum top O.D. of 4".
DM29RAD, DM39RAD and DM49RAD require a minimum top O.D. of 4.25".
5. VD not available with 3" pole. On 4" and 5" poles, VD cannot be installed if provisions (EHH, FDL, NPL, CPL) are located higher than 2/3 of the pole's total height. Use FVD accessory instead.
Example: Pole height is 25ft, A provision cannot be placed above 16ft.
6. Specify location and orientation when ordering option.
For "x": Specify the height above the base of pole in feet or feet and inches; separate feet and inches with a "-".
Example: 5ft = 5 and 20ft 3in = 20-3
For "y": Specify orientation from handhole (A,B,C,D) Refer to the Handhole Orientation diagram below.
Example: 1/2" coupling at 5' 8", orientation C = CPL12/5-8C
7. Horizontal arm is 18" x 2-3/8" O.D. tenon standard, with radius curve providing 12" rise and 2-3/8" O.D. If ordering two horizontal arm at the same height, specify with HAXyy.
Example: HA20BD.
8. FDL does not come with GFCl outlet or handhole cover. These must be supplied by contractor or electrician.
9. Festoon option that comes with GFCl and in-use cover. GFCl and in-use cover ship separately from pole.
10. Combination of tenon-top and drill mount includes extra handhole. EHH includes cover.
11. Plastic hand hole cover and base covers come standard with all poles. Items ship separately. Additional parts can be ordered as replacements.
12. N/A with GALV.
13. Use when mill certifications are required.
14. Must add original order number. Not for replacement parts or post sales issues, contact tech support or post sales teams. VM is used to ensure poles match in appearance exactly from order to order, on a single project site. A common use case would be a multi-phase project with multiple orders. Example: VM/010-36784
15. Must be quoted through AQD. Finishes do not require RFA. RAL colors available are shown in "Architectural Colors brochure". Lead times may be extended up to 2 weeks due to paint procurement.

RSS Round Straight Steel Pole

TECHNICAL INFORMATION — EPA (ft²) with 1.3 gust										
Catalog number	Nominal shaft length (ft.)*	Pole shaft size (in. x ft.)	Wall thickness (in.)	80 mph	Max weight	90 mph	Max weight	100 mph	Max weight	Approximate ship weight (lbs.)
RSS 8 4-5B	8	4.5 x 8.0	0.120	24.7	630	19.7	495	16.0	430	55
RSS 10 3B	10	3.0 x 10.0	0.120	10.0	250	7.7	190	6.0	175	55
RSS 10 4B	10	4.0 x 10.0	0.120	19.1	480	15	375	12.2	305	70
RSS 10 4-5B	10	4.5 x 10.0	0.120	24.5	615	19.5	490	15.8	395	75
RSS 12 3B	12	3.0 x 12.0	0.120	7.7	195	5.8	145	4.4	130	60
RSS 12 4B	12	4.0 x 12.0	0.120	15.0	390	11.8	300	9.5	240	80
RSS 12 4-5B	12	4.5 x 12.0	0.120	19.8	495	15.7	395	12.7	320	85
RSS 14 3B	14	3.0 x 14.0	0.120	6.0	175	4.4	130	3.3	90	70
RSS 14 4B	14	4.0 x 14.0	0.120	12.2	305	9.4	250	7.6	195	90
RSS 14 4-5B	14	4.5 x 14.0	0.120	16.2	405	12.8	320	10.3	260	95
RSS 15 4-5B	15	4.5 x 15.0	0.120	12.0	300	9.5	250	7.5	200	96
RSS 16 3B	16	3.0 x 16.0	0.120	4.6	125	3.2	100	2.3	60	80
RSS 16 4B	16	4.0 x 16.0	0.120	9.6	250	7.4	185	5.9	150	100
RSS 16 4-5B	16	4.5 x 16.0	0.120	13.1	330	10.2	265	8.2	205	105
RSS 18 3B	18	3.0 x 18.0	0.120	3.4	90	2.3	60	1.4	70	90
RSS 18 4B	18	4.0 x 18.0	0.120	7.6	190	5.7	180	4.5	130	110
RSS 18 4-5B	18	4.5 x 18.0	0.120	10.5	265	8.2	210	6.5	165	115
RSS 20 3B	20	3.0 x 20.0	0.120	2.4	100	1.4	75	--	--	100
RSS 20 4B	20	4.0 x 20.0	0.120	6.0	150	4.45	150	3.45	125	120
RSS 20 4-5B	20	4.5 x 20.0	0.120	8.5	215	6.6	165	5.2	130	130
RSS 20 5B	20	5.0 x 20.0	0.120	11.75	300	9.1	230	7.25	180	145
RSS 22 4-5B	22	4.5 x 22.0	0.120	6.0	150	4.5	125	3.75	100	134
RSS 25 4B	25	4.0 x 25.0	0.120	2.85	100	1.95	75	1.35	75	145
RSS 25 4-5B	25	4.5 x 25.0	0.120	4.8	130	3.6	90	2.7	90	145
RSS 25 5B	25	5.0 x 25.0	0.120	7.25	180	5.5	150	4.25	150	180
RSS 30 4-5B	30	4.5 x 30.0	0.120	2.3	80	1.5	75	1.0	60	185
RSS 30 5B	30	5.0 x 30.0	0.120	4.2	150	3	125	2.25	100	210

NOTE: EPA values are based ASCE 7-93 wind map.
*For 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.

RSS Round Straight Steel Pole

TECHNICAL INFORMATION — EPA (ft ²) WITH 3-SECOND GUST PER AASHTO 2013																	
Series	Mounting Height (ft.)*	Shaft Base Size	90 MPH	Max. weight	100 MPH	Max. weight	110 MPH	Max. weight	120 MPH	Max. weight	130 MPH	Max. weight	140 MPH	Max. weight	150 MPH	Max. weight	Approximate ship weight (lbs.)
RSS	8	4-5B	18.5	463	15	375	13	325	11	275	9.5	238	8	200	7	175	55
RSS	10	3B	6	150	5	125	4	100	3.5	88	2.5	63	2	50	2	50	55
RSS	10	4B	12	300	9.5	238	8	200	6.5	163	5.5	138	5	125	4.5	113	70
RSS	10	4-5B	15.5	388	12.5	313	10.5	263	9	225	7.5	188	6.5	163	6	150	75
RSS	12	3B	5	125	4	100	3	75	2.5	63	2	50	1.5	38	1	25	60
RSS	12	4B	10	250	8	200	6.5	163	5.5	138	4.5	113	4	100	3.5	88	80
RSS	12	4-5B	13	325	10.5	263	9	225	7.5	188	6.5	163	5.5	138	4.5	113	85
RSS	14	3B	4	100	3	75	2.5	63	2	50	1.5	38	1	25	0.5	13	70
RSS	14	4B	8.5	213	6.5	163	5.5	138	4	100	3.5	88	3	75	2.5	63	90
RSS	14	4-5B	11	275	9	225	7	175	6	150	5	125	4.5	113	4	100	95
RSS	15	4-5B	10	250	8	200	6.5	163	5.5	138	4.5	113	4	100	3.5	88	96
RSS	16	3B	3	75	2.5	63	1.5	38	1	25	0.5	13	0.5	13	-	-	80
RSS	16	4B	7	175	5.5	138	4	100	3	75	2.5	63	2	50	2	50	100
RSS	16	4-5B	9	225	7	175	6	150	5	125	4	100	3.5	88	3	75	105
RSS	18	3B	2.5	63	1.5	38	1	25	0.5	13	-	-	-	-	-	-	90
RSS	18	4B	5.5	138	4	100	3	75	2.5	63	2	50	1.5	38	1	25	110
RSS	18	4-5B	7.5	188	6	150	4.5	113	4	100	3	75	2.5	63	2	50	115
RSS	20	3B	2	50	1	25	0.5	13	-	-	-	-	-	-	-	-	100
RSS	20	4B	4.5	113	3	75	2	50	1.5	38	1	25	1	25	0.5	13	120
RSS	20	4-5B	6	150	4.5	113	3.5	88	3	75	2.5	63	2	50	1.5	38	130
RSS	20	5B	8	200	6.5	163	5.5	138	4.5	113	3.5	88	3	75	2.5	63	145
RSS	22	4-5B	5	125	3.5	88	2.5	63	2	50	1.5	38	1	25	1	25	134
RSS	25	4B	2.5	63	1	25	0.5	13	-	-	-	-	-	-	-	-	145
RSS	25	4-5B	3.5	88	2	50	1.5	38	1	25	0.5	13	-	-	-	-	145
RSS	25	5B	5	125	3.5	88	3	75	2	50	1.5	38	1.5	38	1	25	180
RSS	30	4-5B	1.5	38	-	-	-	-	-	-	-	-	-	-	-	-	185
RSS	30	5B	2.5	63	1.5	38	1	25	0.5	13	-	-	-	-	-	-	210

NOTE: AASHTO 2013 design criteria is the most common EPA and uses wind map ASCE7-05. Please review the project Spec document to determine the correct design criteria for the poles on your jobsite.

*For 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.

RSS Round Straight Steel Pole

ANCHORAGE AND TEMPLATE INFORMATION						
Shaft base size	Bolt circle A	Bolt projection B	Base square C	Template description	Anchor bolt description	Bolt size (in.) D x L x C
3"	7.5" - 8.5"	3.50"-3.75"	10.50"	ABTEMPLATE PJ50041	AB18-0	3/4 x 18 x 3
4"	7.5" - 8.5"	3.50"-3.75"	10.50"	ABTEMPLATE PJ50041	AB18-0	3/4 x 18 x 3
4.5"	7.5" - 8.5"	3.50"-3.75"	10.50"	ABTEMPLATE PJ50041	AB18-0	3/4 x 18 x 3
5"	7.5" - 8.5"	3.50"-3.75"	10.50"	ABTEMPLATE PJ50041	AB18-0	3/4 x 18 x 3

BASE & BOLT DETAIL

The diagrams illustrate the base and bolt details for the RSS Round Straight Steel Pole. The top view shows a square base with a circular shaft hole, four bolt circles labeled A, B, and C, and a dimension C. The side view shows the base and bolt assembly with dimensions A, B, and C. The bolt view shows the bolt dimensions L, D, and C.

ROUND STEEL HANDHOLE AND FESTOON - PLACEMENT RULES

The diagrams show the placement rules for standard and additional handholes on a pole. The standard handhole is placed 12" Min. from the top and 30" Min. from the bottom. The additional handhole is placed 6" Min. from the top and 30" Min. from the bottom. The pole diameter is 18".

HANDHOLE DETAIL

The diagrams show the handhole detail. The top view shows a square base with a circular shaft hole, four bolt circles labeled A, B, and C, and a dimension C. The side view shows the handhole assembly with dimensions A, B, and C. The bolt view shows the bolt dimensions L, D, and C.

- IMPORTANT INSTALLATION NOTES:
- Do not erect poles without having fixtures installed.
 - Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use factory template.
 - If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.
 - Lithonia Lighting is not responsible for the foundation design.

CAUTION: These specifications are intended for general purposes only. Lithonia Lighting reserves the right to change material or design, without prior notice, in a continuing effort to upgrade its products.

AIRO Micro Strike

AREA/SITE/ROAD LIGHTER

DATE:	LOCATION: Madison, WI
TYPE: OG / OH	PROJECT: Oakwood Village - Independent Living
CATALOG #:	

FEATURES

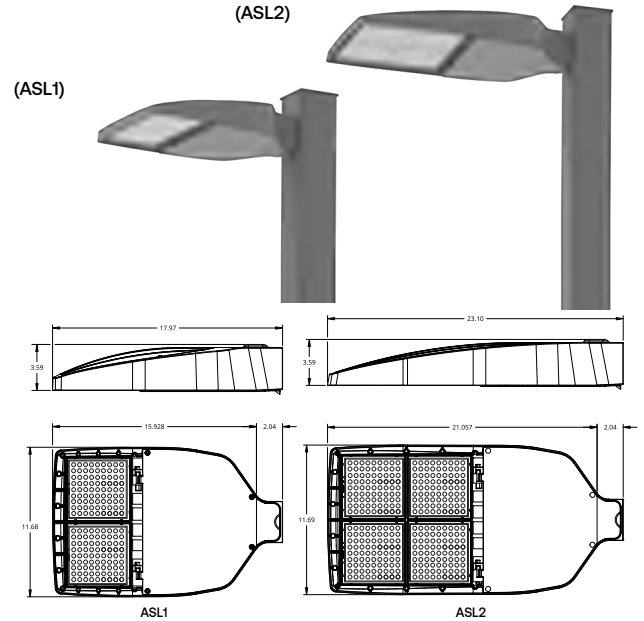
- Compact sleek design with multiple LED configurations and simple installation
- Field interchangeable mounting provides additional flexibility after the fixture has shipped
- Capable of replacing up to 1000w HID luminaires
- Micro Strike optical distributions of Type 2, 3, 4F, 4W or 5GW
- Tool-less entry option for easy installation and maintenance
- 3G rated for high vibration applications including bridges and overpasses



CONTROL TECHNOLOGY



SERVICE PROGRAMS



	Weight lbs. (kg)	EPA
ASL1	14.47 (6.56)	.46ft² 0.43m²
ASL2	17.47 (7.92)	.56ft² 0.52m²

SPECIFICATIONS

CONSTRUCTION

- Die-cast, corrosion-resistant aluminum housing with smooth exterior and concealed heat fins for efficient thermal performance
- Durable TGIC polyester powder coat finish (2.5 mil nominal)
- Separate optical and electrical compartments for improved thermal management and component reliability

OPTICS

- Full optical aperture illumination creates a larger luminous surface for low-glare appearance
- Precision acrylic lenses provide IES Type II, III, IV (Forward & Wide), and V (Wide) distributions
- Field-rotatable or interchangeable optics (90° increments) for on-site aiming flexibility
- Available in 3000K, 4000K, or 5000K (70 CRI)
- Configured with 160 or 320 mid-power LEDs
- Zero uplight at 0° tilt

INSTALLATION

- Optional tool-less access to wiring and driver compartment
- Arm mounting compatible with B3 drill pattern
- Optional universal mounting block for retrofit applications (square or round poles)
- Field-interchangeable mounting options available

ELECTRICAL

- Universal voltage: 120–277V or 347–480V, 50/60 Hz
- Operating temperature: -40°C to 40°C
- 90% power factor, <20% THD
- Integrated driver protections: over-voltage, over-current, short circuit with auto-recovery
- Standard 6kV surge protection; optional field-replaceable SPD provides 20kA / 10kV protection per ANSI/IEEE C62.41.2 Category C

CONTROLS

- Available photocontrols, occupancy sensors, and Zigbee wireless for on/off and dimming
- Optional 7-pin ANSI C136.41 receptacle for twist-lock or wireless control modules
- Dimming drivers standard; extended leads available upon request

CERTIFICATIONS

- UL1598 and CSA certified for wet locations (40°C ambient)
- DLC® Qualified (select configurations Premium)
- ANSI C136.31 3G vibration rated
- IP65-rated optical chamber
- Complies with Buy American Act and Trade Agreements Act

WARRANTY

- 5 Year warranty

AIRO Micro Strike

AREA/SITE/ROAD LIGHTER

ORDERING GUIDE

DATE:	LOCATION: Madison, WI
TYPE: OG / OH	PROJECT: Oakwood Village - Independent Living
CATALOG #:	

Gray Shading = Service Program Limit of 15 luminaires **QS10**

Example: ASL1-160L-70-3K7-2-UNV-A-BLT-7PRMD-40F

CATALOG #

ORDERING INFORMATION

ASL1	160L-70	4K7	2 / 3	UNV	A
Series	# LEDs	CCT/CRI	Distribution	Voltage	Mounting
ASL1 ASL Microstrike Series	160L-39 5,500 lm 160L-50 7,500 lm 160L-70 9,000 lm 160L-100 12,000 lm 160L-115 15,000 lm 160L-135 18,000 lm	3K7 3000K, 70 CRI 4K7 4000K, 70 CRI 5K7 5000K, 70 CRI 27K8 2700K, 80 CRI 3K8 3000K, 80 CRI 35K8 3500K, 80 CRI 4K8 4000K, 80 CRI 5K8 5000K, 80 CRI	2 Type II 3 Type III 4F Type 4F 4W Type 4W 5QW Type 5QW	UNV Universal 120-277V 120 120V 208 208V 240 240V 277 277V 347 347V 480 480V	FA Fixture Arm. B3 drill pattern A Arm mount for square pole/flat surface(S2 Drill Pattern) (Does not include round pole adapter) A_ Arm mount for round pole ⁵ ASQ Arm Mount for square pole. B3 drill pattern ASQU Universal arm mount for square pole. Can be used with B3 or S2 Drill Pattern A_U Universal arm mount for round pole ⁵ AAU Adjustable arm for pole mounting (universal drill pattern) ADU Decorative upswept Arm (universal drill pattern) AD_U Decorative upswept arm mount for round pole ⁵ MAF Mast Arm Fitter for 2-3/8" OD K Knuckle T Trunion WB Wall Bracket, horizontal tenon with MA WM Wall mount bracket with decorative upswept arm WA Wall mount bracket with adjustable arm
ASL2 ASL Microstrike Series	320L-145 21,000 lm 320L-170 24,000 lm 320L-185 27,000 lm 320L-210 30,000 lm 320L-235 33,000 lm 320L-255 35,000 lm				

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Network Control Options	Options	Color
NXWS316F NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ⁴	F Fusing ¹	BLT Black Matte Textured
NXWS340F NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ⁴	BC Backlight Control	BLS Black Gloss Smooth
NXW3 NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor ^{3,4}	SP 20kA & 10kV Surge Protector	DBT Dark Bronze Matte Textured
	CD Continuous Dimming	DBS Dark Bronze Gloss Smooth
Stand Alone Sensors		GTT Graphite Matte Textured
7PR 7 Pin Receptacle		LGS Light Grey Gloss Smooth
7PR-SC 7 Pin Receptacle with shorting cap		LGT Light Grey Matte Textured
7PR-MD8F 7 pin receptacle with low voltage sensor at 8' mounting for external control accessory		PSS Platinum Silver Smooth
7PR-MD40F 7 pin receptacle with low voltage sensor at 40' mounting for external control accessory		WHT White Matte Textured
7PR-TL 7 Pin Receptacle with Photocontrol		WHS White Gloss Smooth
Sensors		VGT Verde Green Textured
BTS_F Bluetooth Programmable, PIR Occupancy/Daylight Sensor, 360° lens ^{2,4}		Color Option
BTSO_F Bluetooth Programmable, PIR Occupancy/Daylight Sensor, 360° lens, up to 12' mounting height ^{3,4}		CC Custom Color

Notes:

- Must specify Voltage
 - Replace "_" with "14" for up to 14' mounting height, "40F" for 15-40' mounting height
 - Replace "_" with "12" for up to 12' mounting height
 - Available 70W or higher only
 - Replace "_" with "3" for 3.5"-4.13" OD pole, "4" for 4.18"-5.25" OD pole, "5" for 5.5"-6.5" OD pole
- Controls cannot be combined with other control options

AIRO Micro Strike

AREA/SITE/ROAD LIGHTER

OUTDOOR LIGHTING CONTROLS OPTIONS

CONTROLS FUNCTIONALITY



Control Option Ordering Logic & Description			Control Option Functionality								Control Option Components		
			Networkable	Grouping	Scheduling	Occupancy/ Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming			Sensor Height
NX Wireless	NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor	✓	✓	✓	-	-	✓	✓	✓	-		NXRM2-H
	NXWS12F	NX Networked Wireless Enabled Integral NXSMP2-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	12ft		NXSMP2-OMNI-O
	NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	16ft		NXSMP2-LMO
	NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	40ft		NXSMP2-HMO
Independent	BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	-	-	-	✓	✓	✓	✓	✓	12ft		BTSMP-OMNI-O
	BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	-	-	-	✓	✓	✓	✓	✓	14ft		BTSMP-LMO
	BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	-	-	-	✓	✓	✓	✓	✓	40ft		BTSMP-HMO

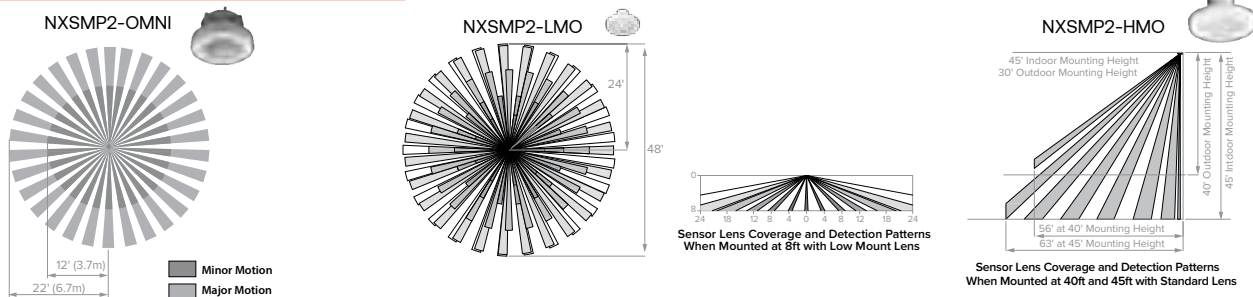
Footnote:
Controls cannot be combined with other control options

DEFAULT SETTINGS

NX Wireless	Occupancy Sensor	Enabled
	Occupancy Sensor Sensitivity	7
	Occupancy Sensor Timeout	15 Minutes
	Occupied Dim Level	100%
	Unoccupied Dim Level	0%
	Daylight Sensor	Disabled
	Bluetooth	Enabled
	2.4GHz Wireless Mesh	On
	"Passcode Factory Passcode: HubbN3T!"	Enabled

Stand Alone	Occupancy Sensor	Enabled
	Occupancy Sensor Sensitivity	7
	Occupancy Sensor Timeout	8 Minutes
	Occupied Dim Level	100%
	Unoccupied Dim Level	50%
	Daylight Sensor	Disabled

NX WIRELESS COVERAGE PATTERNS



NX LIGHTING CONTROLS FREE APP

CONTROLS TECH SUPPORT 800-888-8006 (7:00 AM - 7:00 PM)



The NX Lighting Controls App is free to use mobile application for programming both NX Lighting Controls System or Standalone Bluetooth Sensors. The mobile app allows you to configure devices, discover and setup wireless enable luminaires and program NX system settings.

Apple App: <https://apps.apple.com/us/app/nx-lighting-controls/id962112904>

Google Play: https://play.google.com/store/apps/details?id=io.cordova.NXBTR&hl=en_US&gl=US



Apple App



Google Play

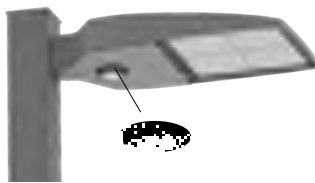
AIRO Micro Strike

AREA/SITE/ROAD LIGHTER

OUTDOOR LIGHTING CONTROLS OPTIONS

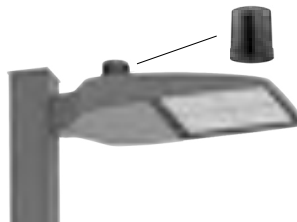
CONTROLS FUNCTIONALITY

Control Option Ordering Logic & Description		Control Option Functionality									Control Option Components	
		Networkable	Grouping	Scheduling	Occupancy/ Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming	Sensor Height		
Independent	7PR	7-Pin Receptacle	-	-	Paired with external control	-	Paired with external control	-	Paired with external control	-	-	 7PR
	7PR-SC	7-Pin Receptacle with shorting cap	-	-	-	-	-	-	-	-	-	 7PR-SC
	7PR-TL	7-Pin with photocontrol	-	-	-	-	✓	-	✓	-	-	 7PR-TL



OCCUPANCY SENSOR

- Individual fixture control
- Dims product when space is not occupied



7-PIN RECEPTACLE

- Compatible with 3-pin, 5-pin or 7-pin photocontrols
- Turns fixture on when sun sets, off when sun rises
- For use with a variety of control platforms

ACCESSORIES (ORDERED SEPARATELY)

Catalog Number	Description
☐ ACC-O-ASL1-HSS-90-B-XXX ¹	House Side Shield Back 90 deg
☐ ACC-O-ASL1-HSS-90-F-XXX ¹	House Side Shield Front 90 deg
☐ ACC-O-ASL1-HSS-90-S-XXX ¹	House Side Shield Side 90 deg
☐ ACC-O-ASL1-HSS-270-BSS-XXX ¹	House Side Shield Back, Side & Side 270 deg
☐ ACC-O-ASL1-HSS-270-FSS-XXX ¹	House Side Shield Front, Side & Side 270 deg
☐ ACC-O-ASL1-HSS-270-FSB-XXX ¹	House Side Shield Front, Side & Back 270 deg
☐ ACC-O-ASL1-HSS-360-XXX ¹	House Side Shield 360 deg
☐ ACC-O-ASL2-HSS-90-B-XXX ¹	House Side Shield Back 90 deg
☐ ACC-O-ASL2-HSS-90-F-XXX ¹	House Side Shield Front 90 deg
☐ ACC-O-ASL2-HSS-90-S-XXX ¹	House Side Shield Side 90 deg
☐ ACC-O-ASL2-HSS-270-BSS-XXX ¹	House Side Shield Back, Side & Side 270 deg
☐ ACC-O-ASL2-HSS-270-FSS-XXX ¹	House Side Shield Front, Side & Side 270 deg
☐ ACC-O-ASL2-HSS-270-FSB-XXX ¹	House Side Shield Front, Side & Back 270 deg
☐ ACC-O-ASL2-HSS-360-XXX ¹	House Side Shield 360 deg
☐ ASL-MAF	Mast arm kit with wildlife shield for mounting on 2 3/8" OD arms
☐ SETA2-XX ¹	Square pole tenon adapter (4 at 90 degrees) (2 3/8" OD tenon)
☐ RETA2-XX ¹	Round pole tenon adapter (4 at 90 degrees) (2 3/8" OD tenon), requires CL1S-RPA4-ACC-XX for each luminaire
☐ RARBC80L	Backlight Control 80L
☐ RARBC160L	Backlight Control 160L
☐ RARBC320L	Backlight Control 320L
☐ RARBC480L	Backlight Control 480L
☐ CL1S-RPA ⁴ -ACC-CC ¹	Round Pole Adapter ("denotes pole diameter 3=3.25"-3.75", 4=3.875"-4.5", 5=5" and paint color replaces CC
☐ ASL-ARMMTG-XX ¹	Arm mounting kit for side of pole attachment
☐ WB-AREA-XX ¹	Wall bracket, Compatible with standard arm mount option
☐ ASL-MAF	Mast arm kit with wildlife shield for mounting on 2 3/8" OD arms

¹ Replace XX or XXX with color choice, eg: DB for Dark Bronze or BLT for Black Matte Textured

AIRO Micro Strike

AREA/SITE/ROAD LIGHTER

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

PERFORMANCE DATA

Description	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
				Lumens	LPW ¹	B	U	G	Lumens	LPW ¹	B	U	G	Lumens	LPW ¹	B	U	G
ASL1	25	25.4	2	3400	134	1	0	1	3383	133	1	0	1	3197	126	1	0	1
			3	3436	135	1	0	1	3418	135	1	0	1	3230	127	1	0	1
			4F	3230	127	1	0	1	3227	127	1	0	1	3153	124	1	0	1
			4W	3372	133	1	0	1	3355	132	1	0	1	3170	125	1	0	1
			5QW	3454	136	2	0	1	3436	135	2	0	1	3247	128	2	0	1
	39	38	2	5243	138	1	0	1	5217	137	1	0	1	4930	130	1	0	1
			3	5298	139	1	0	2	5271	139	1	0	2	4981	131	1	0	2
			4F	4981	131	1	0	1	4976	131	1	0	1	4862	128	1	0	1
			4W	5199	137	1	0	2	5173	136	1	0	2	4889	129	1	0	2
			5QW	5326	140	3	0	1	5299	139	3	0	1	5006	132	3	0	1
	50	49.7	2	6385	128	1	0	2	6353	128	1	0	2	6003	121	1	0	2
			3	6452	130	1	0	2	6419	129	1	0	2	6066	122	1	0	2
			4F	6066	122	1	0	2	6060	122	1	0	2	5921	119	1	0	2
			4W	6332	127	1	0	2	6300	127	1	0	2	5954	120	1	0	2
			5QW	6486	131	3	0	1	6453	130	3	0	1	6097	123	3	0	1
	70	68.4	2	9460	138	2	0	2	9413	138	2	0	2	8895	130	2	0	2
			3	9559	140	2	0	2	9512	139	2	0	2	8989	131	1	0	2
			4F	8988	125	2	0	2	8979	125	2	0	2	8772	122	2	0	2
			4W	9382	137	1	0	2	9335	136	1	0	2	8822	129	1	0	2
			5QW	9610	141	4	0	2	9562	140	4	0	2	9034	132	4	0	2
	100	88	2	11939	136	2	0	2	11885	136	2	0	2	11232	128	2	0	2
			3	12064	138	2	0	2	12010	137	2	0	2	11349	130	2	0	2
			4F	12832	132	2	0	2	12819	132	2	0	2	12524	129	2	0	2
			4W	11840	135	2	0	2	11787	135	2	0	2	11138	127	2	0	2
			5QW	12132	138	4	0	2	12071	138	4	0	2	11404	130	4	0	2
	115	109.7	2	15651	143	2	0	2	15577	142	2	0	2	14977	137	2	0	2
			3	15487	141	2	0	3	15413	141	2	0	3	14820	135	2	0	3
			4F	14754	132	2	0	2	14740	132	2	0	2	14401	129	2	0	2
			4W	15305	140	2	0	3	15232	139	2	0	3	14646	134	2	0	3
			5QW	15731	143	4	0	2	15632	143	4	0	2	15031	137	4	0	2
	135	133.3	2	18089	136	3	0	3	17999	135	3	0	3	17275	130	3	0	3
			3	17863	134	2	0	3	17777	134	2	0	3	17094	128	2	0	3
			4F	17300	122	3	0	3	16902	120	3	0	3	16902	120	3	0	3
			4W	17653	133	2	0	3	17568	132	2	0	3	16893	127	2	0	3
			5QW	18155	136	4	0	2	18030	135	4	0	2	17338	130	4	0	2

AIRO Micro Strike

AREA/SITE/ROAD LIGHTER

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

PERFORMANCE DATA

Description	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
				Lumens	LPW ¹	B	U	G	Lumens	LPW ¹	B	U	G	Lumens	LPW ¹	B	U	G
ASL2	145	143.0	2	21007	147	3	0	4	20902	146	3	0	4	20061	140	3	0	4
			3	20842	146	3	0	4	20738	145	3	0	4	19904	139	3	0	4
			4F	19490	136	3	0	3	19471	136	3	0	3	19023	133	3	0	3
			4W	20595	144	3	0	5	20492	143	3	0	5	19669	138	3	0	5
			5QW	21130	148	5	0	4	21024	147	5	0	4	20179	141	5	0	4
	170	168.0	2	24452	146	3	0	4	24330	145	3	0	4	23351	139	3	0	4
			3	24260	144	3	0	4	24139	144	3	0	4	23168	138	3	0	4
			4F	22847	136	3	0	4	22824	136	3	0	4	22299	133	3	0	3
			4W	23972	143	3	0	5	23853	142	3	0	5	22895	136	3	0	5
			5QW	24596	146	5	0	4	24472	146	5	0	4	23488	140	5	0	4
	185	185.0	2	26658	144	4	0	5	26525	143	4	0	5	25457	138	4	0	5
			3	26449	143	3	0	4	26316	142	3	0	4	25258	137	3	0	4
			4F	24834	134	3	0	4	24809	134	3	0	4	24238	131	3	0	3
			4W	26135	141	4	0	5	26005	141	4	0	5	24961	135	4	0	5
			5QW	26814	145	5	0	5	26680	144	5	0	5	25607	138	5	0	5
	210	210.0	2	29872	142	3	0	4	29723	142	3	0	4	28536	136	3	0	4
			3	29638	141	3	0	4	29489	140	3	0	4	28303	135	3	0	4
			4F	30623	146	3	0	4	30592	146	3	0	4	29598	142	3	0	4
			4W	29286	139	3	0	5	29140	139	3	0	5	27970	133	3	0	5
			5QW	30047	143	5	0	4	29896	142	5	0	4	28694	137	5	0	4
	235	235.0	2	32960	140	3	0	4	32796	140	3	0	4	31475	134	3	0	4
			3	32701	139	3	0	4	32537	138	3	0	4	31229	133	3	0	4
			4F	31582	134	3	0	4	31550	134	3	0	4	30825	131	3	0	4
			4W	32313	138	3	0	5	32152	137	3	0	5	30861	131	3	0	5
			5QW	33153	141	5	0	4	32987	140	5	0	4	31660	135	5	0	4
	255	261.2	2	36216	142	4	0	5	36035	141	4	0	5	34585	136	4	0	5
			3	35932	141	3	0	4	35752	140	3	0	4	34314	135	3	0	4
			4F	34254	131	3	0	4	34219	131	3	0	4	33432	128	3	0	4
			4W	35505	139	4	0	5	35329	139	4	0	5	33910	133	4	0	5
			5QW	36428	143	5	0	5	36246	142	5	0	5	34788	136	5	0	5

¹ VAC input Lumen values are from photometric test performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations. Actual performance may differ as a result of end-user environment and application.

AIRO Micro Strike

AREA/SITE/ROAD LIGHTER

ELECTRICAL DATA

Family	Nominal Wattage	Input Voltage (Volts)	Current (AMPS)	System Power (Watts)
ASL1	25	120	0.21	25.4
		208	0.12	
		240	0.11	
		277	0.09	
		347	0.07	
		480	0.05	
	39	120	0.32	38
		208	0.18	
		240	0.16	
		277	0.14	
		347	0.11	
		480	0.08	
	50	120	0.41	49.7
		208	0.24	
		240	0.21	
		277	0.18	
		347	0.14	
		480	0.10	
	70	120	0.57	68.4
		208	0.33	
		240	0.29	
		277	0.25	
		347	0.20	
		480	0.14	
	100	120	0.73	88
		208	0.42	
		240	0.37	
		277	0.32	
		347	0.25	
		480	0.18	
115	120	0.91	109.7	
	208	0.53		
	240	0.46		
	277	0.40		
	347	0.32		
	480	0.23		
135	120	1.11	133.3	
	208	0.64		
	240	0.56		
	277	0.48		
	347	0.38		
	480	0.28		
SLING (ASL2) Next Page				

AIRO Micro Strike

AREA/SITE/ROAD LIGHTER

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

ELECTRICAL DATA (CONT'D)

Family	Nominal Wattage	Input Voltage (Volts)	Current (AMPS)	System Power (Watts)
ASL2	145	120	1.19	143.0
		208	0.69	
		240	0.60	
		277	0.52	
		347	0.41	
		480	0.30	
	170	120	1.40	168.0
		208	0.81	
		240	0.70	
		277	0.61	
		347	0.48	
		480	0.35	
	185	120	1.54	185.0
		208	0.89	
		240	0.77	
		277	0.67	
		347	0.53	
		480	0.39	
	210	120	1.75	210.0
		208	1.01	
		240	0.88	
		277	0.76	
		347	0.61	
		480	0.44	
	235	120	1.96	235.0
		208	1.13	
		240	0.98	
		277	0.85	
		347	0.68	
		480	0.49	
	255	120	2.18	261.2
		208	1.26	
		240	1.09	
		277	0.94	
		347	0.75	
		480	0.54	

AIRO Micro Strike

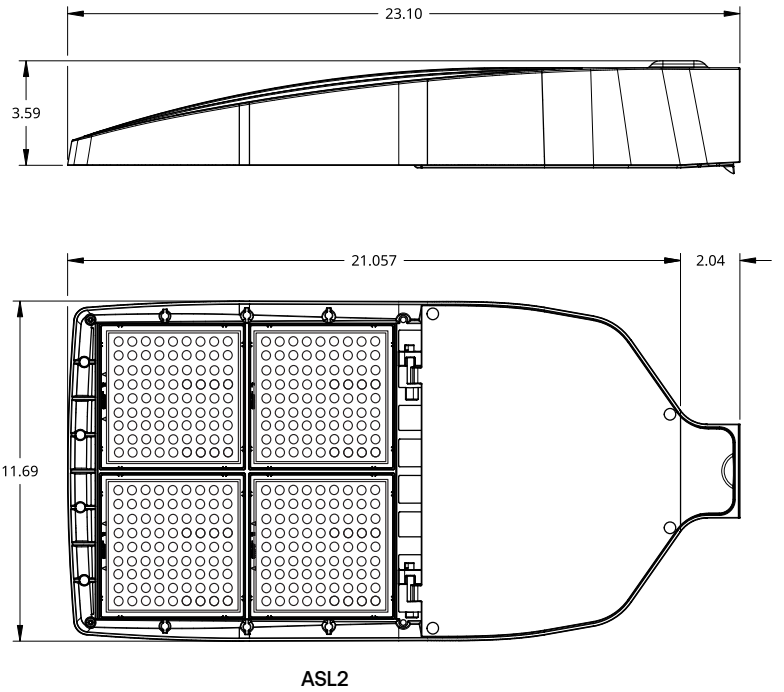
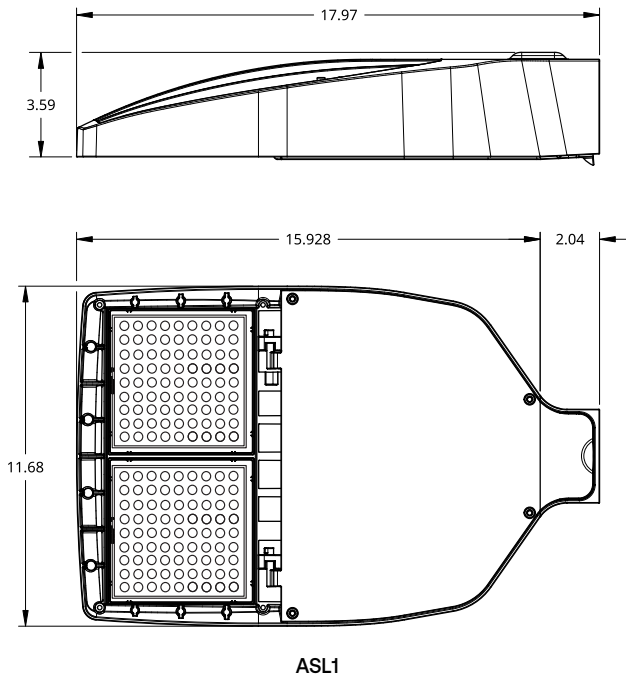
AREA/SITE/ROAD LIGHTER

PROJECTED LUMEN MAINTENANCE

Ambient Temperature	OPERATING HOURS					
	0	25,000	TM-21-11 ¹ L96 60,000	50,000	100,000	L70 (Hours)
25°C / 77°F	1.00	0.97	0.96	0.95	0.91	408,000
40°C / 104°F	0.99	0.96	0.95	0.94	0.89	356,000

1. Projected per IESNA TM-21-11 (* Cree XP-L, 2100mA, 105°C Ts, 6,000hrs)

DIMENSIONS

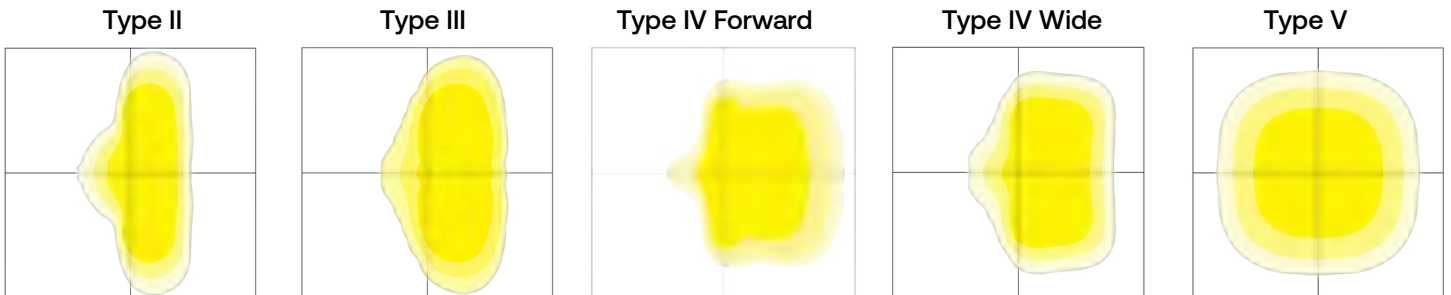


Weight

ASL1	14.47 lbs (6.56 kgs)
ASL2	17.47 lbs (7.92 kgs)

PHOTOMETRY

The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see www.currentlighting.com



DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

Ambient Temperature		Lumen Multiplier	Micro Strike Lumen Multiplier			
0° C	32° F		CCT	70 CRI	80 CRI	90 CRI
10° C	50° F		2700K	–	0.841	–
20° C	68° F		3000K	0.977	0.861	0.647
25° C	77° F		3500K	–	0.900	–
30° C	86° F		4000K	1	0.926	0.699
40° C	104° F		5000K	1	0.937	0.791

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

AIRO Micro Strike

AREA/SITE/ROAD LIGHTER

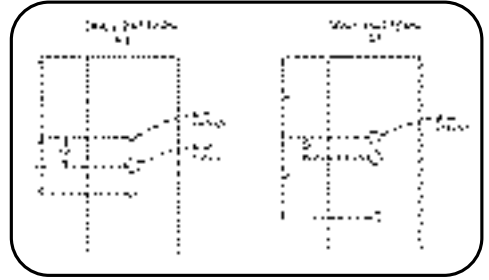
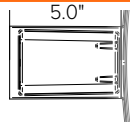
DATE:	LOCATION: Madison, WI
TYPE: OG / OH	PROJECT: Oakwood Village - Independent Living
CATALOG #:	

MOUNTING



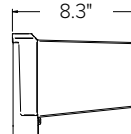
ASQ - ARM MOUNT FOR SQUARE POLE/FLAT SURFACE

Fixture ships with integral arm for ease of installation. Compatible with Current Outdoor B3 drill pattern for ease of installation on square poles. For round poles add applicable suffix (2/3/4/5)



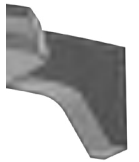
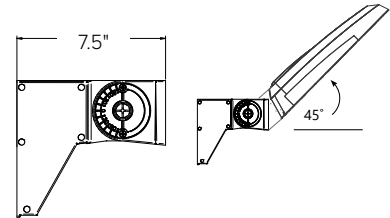
ASQU-UNIVERSAL ARM MOUNT

Universal mounting block for ease of installation. Compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2. For round poles add applicable suffix (2/3/4/5)



AAU-ADJUSTABLE ARM FOR POLE MOUNTING

Rotatable arm mounts directly to pole. Compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2 and B3. For round poles add applicable suffix (2/3/4/5). Rotatable in 5° aiming angle increments. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.



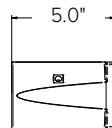
ADU-DECORATIVE UPSWEPT ARM

Upswept Arm compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2. For round poles add applicable suffix (2/3/4/5).



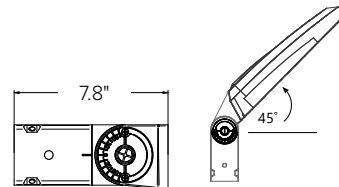
MAF-MAST ARM FITTER

Fits 2-3/8" OD horizontal tenons.



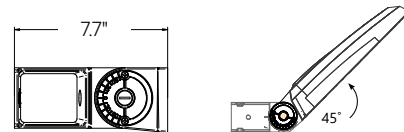
K-KNUCKLE

Rotatable in 5-degree aiming angle increments, fits 2-3/8" tenons or pipes. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.



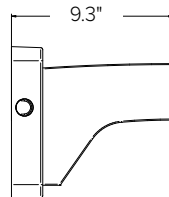
T-TRUNNION

Trunnion for surface and crossarm mounting using (1) 3/4" or (2) 1/2" size through bolts. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.

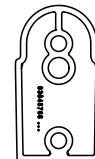


WM-WALL MOUNT

Compatible with universal arm mount, adjustable arm mount, and decorative arm mount. The WA option uses the same wall bracket but replaces the decorative arm with an adjustable arm.



ACCESSORIES



ROUND POLE ADAPTER

WB-AREA-XX

SBH POKE BRACKET

AIRO Micro Strike

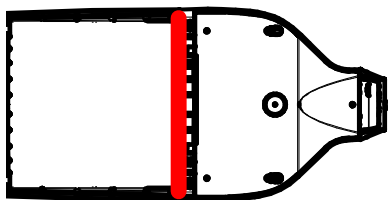
AREA/SITE/ROAD LIGHTER

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

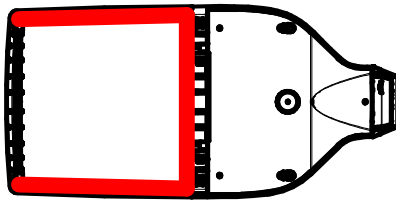
ADDITIONAL INFORMATION (CONT'D)

CONFIGURATIONS

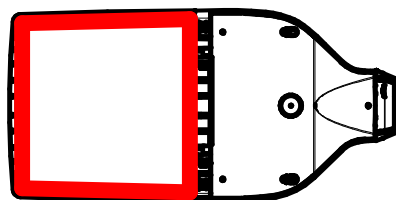
ASLx HSS-90-B-xx



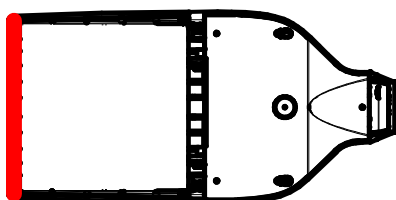
ASLx HSS-270-BSS-xx



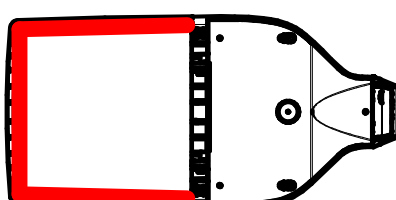
ASLx HSS-360-xx



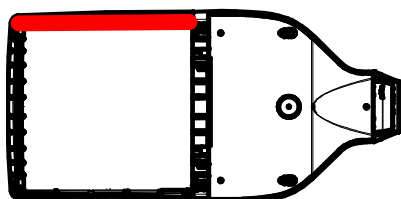
ASLx HSS-90-F-xx



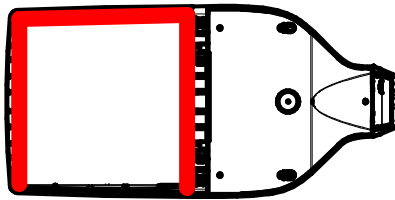
ASLx HSS-270-FSS-xx



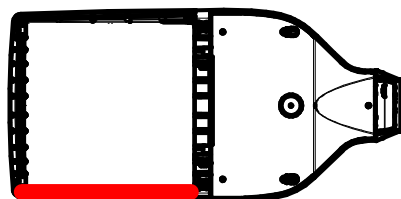
ASLx HSS-90-S-xx



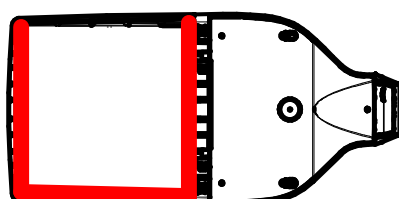
ASLx HSS-270-FSB-xx



ASLx HSS-90-S-xx



ASLx HSS-270-FSB-xx



AIRO Micro Strike

AREA/SITE/ROAD LIGHTER

DATE:	LOCATION: Madison, WI
TYPE: OJ	PROJECT: Oakwood Village - Independent Living
CATALOG #:	

FEATURES

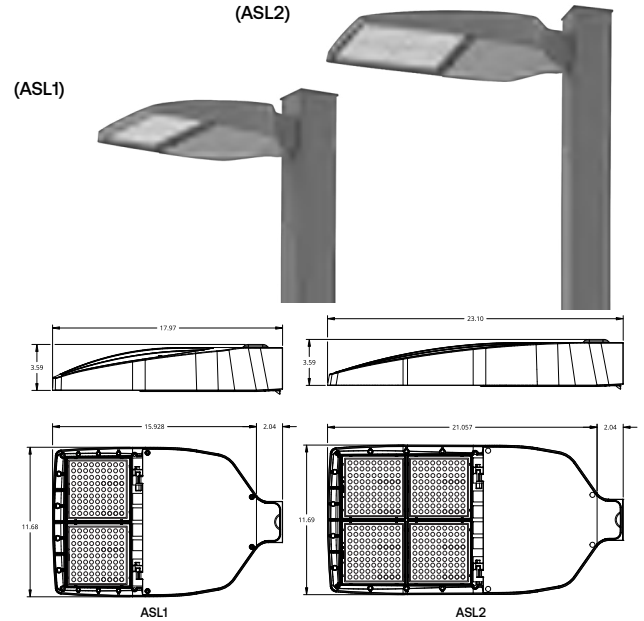
- Compact sleek design with multiple LED configurations and simple installation
- Field interchangeable mounting provides additional flexibility after the fixture has shipped
- Capable of replacing up to 1000w HID luminaires
- Micro Strike optical distributions of Type 2, 3, 4F, 4W or 5GW
- Tool-less entry option for easy installation and maintenance
- 3G rated for high vibration applications including bridges and overpasses



CONTROL TECHNOLOGY



SERVICE PROGRAMS



	Weight lbs. (kg)	EPA
ASL1	14.47 (6.56)	.46ft² 0.43m²
ASL2	17.47 (7.92)	.56ft² 0.52m²

SPECIFICATIONS

CONSTRUCTION

- Die-cast, corrosion-resistant aluminum housing with smooth exterior and concealed heat fins for efficient thermal performance
- Durable TGIC polyester powder coat finish (2.5 mil nominal)
- Separate optical and electrical compartments for improved thermal management and component reliability

OPTICS

- Full optical aperture illumination creates a larger luminous surface for low-glare appearance
- Precision acrylic lenses provide IES Type II, III, IV (Forward & Wide), and V (Wide) distributions
- Field-rotatable or interchangeable optics (90° increments) for on-site aiming flexibility
- Available in 3000K, 4000K, or 5000K (70 CRI)
- Configured with 160 or 320 mid-power LEDs
- Zero uplight at 0° tilt

INSTALLATION

- Optional tool-less access to wiring and driver compartment
- Arm mounting compatible with B3 drill pattern
- Optional universal mounting block for retrofit applications (square or round poles)
- Field-interchangeable mounting options available

ELECTRICAL

- Universal voltage: 120–277V or 347–480V, 50/60 Hz
- Operating temperature: -40°C to 40°C
- 90% power factor, <20% THD
- Integrated driver protections: over-voltage, over-current, short circuit with auto-recovery
- Standard 6kV surge protection; optional field-replaceable SPD provides 20kA / 10kV protection per ANSI/IEEE C62.41.2 Category C

CONTROLS

- Available photocontrols, occupancy sensors, and Zigbee wireless for on/off and dimming
- Optional 7-pin ANSI C136.41 receptacle for twist-lock or wireless control modules
- Dimming drivers standard; extended leads available upon request

CERTIFICATIONS

- UL1598 and CSA certified for wet locations (40°C ambient)
- DLC® Qualified (select configurations Premium)
- ANSI C136.31 3G vibration rated
- IP65-rated optical chamber
- Complies with Buy American Act and Trade Agreements Act

WARRANTY

- 5 Year warranty

AIRO Micro Strike

AREA/SITE/ROAD LIGHTER

DATE:	LOCATION: Madison, WI
TYPE: OJ	PROJECT: Oakwood Village - Independent Living
CATALOG #:	

Gray Shading = Service Program Limit of 15 luminaires 

ORDERING GUIDE

Example: ASL1-160L-70-3K7-2-UNV-A-BLT-7PRMD-40F

CATALOG #

ORDERING INFORMATION

ASL1	160L-100	4K7	5QW	UNV	A
Series	# LEDs	CCT/CRI	Distribution	Voltage	Mounting
ASL1 ASL Microstrike Series	160L-39 5,500 lm 160L-50 7,500 lm 160L-70 9,000 lm 160L-100 12,000 lm 160L-115 15,000 lm 160L-135 18,000 lm	3K7 3000K, 70 CRI 4K7 4000K, 70 CRI 5K7 5000K, 70 CRI 27K8 2700K, 80 CRI 3K8 3000K, 80 CRI 35K8 3500K, 80 CRI 4K8 4000K, 80 CRI 5K8 5000K, 80 CRI	2 Type II 3 Type III 4F Type 4F 4W Type 4W 5QW Type 5QW	UNV Universal 120-277V 120 120V 208 208V 240 240V 277 277V 347 347V 480 480V	FA Fixture Arm. B3 drill pattern A Arm mount for square pole/flat surface(S2 Drill Pattern) (Does not include round pole adapter) A_ Arm mount for round pole ⁵ ASQ Arm Mount for square pole. B3 drill pattern ASQU Universal arm mount for square pole. Can be used with B3 or S2 Drill Pattern A_U Universal arm mount for round pole ⁵ AAU Adjustable arm for pole mounting (universal drill pattern) ADU Decorative upswept Arm (universal drill pattern) AD_U Decorative upswept arm mount for round pole ⁵ MAF Mast Arm Fitter for 2-3/8" OD K Knuckle T Trunion WB Wall Bracket, horizontal tenon with MA WM Wall mount bracket with decorative upswept arm WA Wall mount bracket with adjustable arm
ASL2 ASL Microstrike Series	320L-145 21,000 lm 320L-170 24,000 lm 320L-185 27,000 lm 320L-210 30,000 lm 320L-235 33,000 lm 320L-255 35,000 lm				

--	--	##
Network Control Options	Options	Color
NXWS316F NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ⁴	F Fusing ¹	BLT Black Matte Textured
NXWS340F NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ⁴	BC Backlight Control	BLS Black Gloss Smooth
NXW3 NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor ^{3,4}	SP 20kA & 10kV Surge Protector	DBT Dark Bronze Matte Textured
	CD Continuous Dimming	DBS Dark Bronze Gloss Smooth
Stand Alone Sensors		GTT Graphite Matte Textured
7PR 7 Pin Receptacle		LGS Light Grey Gloss Smooth
7PR-SC 7 Pin Receptacle with shorting cap		LGT Light Grey Matte Textured
7PR-MD8F 7 pin receptacle with low voltage sensor at 8' mounting for external control accessory		PSS Platinum Silver Smooth
7PR-MD40F 7 pin receptacle with low voltage sensor at 40' mounting for external control accessory		WHT White Matte Textured
7PR-TL 7 Pin Receptacle with Photocontrol		WHS White Gloss Smooth
Sensors		VGT Verde Green Textured
BTS_F Bluetooth Programmable, PIR Occupancy/Daylight Sensor, 360° lens ^{2,4}		
BTSO_F Bluetooth Programmable, PIR Occupancy/Daylight Sensor, 360° lens, up to 12' mounting height ^{3,4}		
		Color Option
		CC Custom Color

Notes:

- Must specify Voltage
 - Replace "_" with "14" for up to 14' mounting height, "40F" for 15-40' mounting height
 - Replace "_" with "12" for up to 12' mounting height
 - Available 70W or higher only
 - Replace "_" with "3" for 3.5"-4.13" OD pole, "4" for 4.18"-5.25" OD pole, "5" for 5.5"-6.5" OD pole
- Controls cannot be combined with other control options

AIRO Micro Strike

AREA/SITE/ROAD LIGHTER

OUTDOOR LIGHTING CONTROLS OPTIONS

CONTROLS FUNCTIONALITY



Control Option Ordering Logic & Description			Control Option Functionality								Control Option Components		
			Networkable	Grouping	Scheduling	Occupancy/ Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming			Sensor Height
NX Wireless	NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor	✓	✓	✓	-	-	✓	✓	✓	-		NXRM2-H
	NXWS12F	NX Networked Wireless Enabled Integral NXSMP2-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	12ft		NXSMP2-OMNI-O
	NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	16ft		NXSMP2-LMO
	NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	40ft		NXSMP2-HMO
Independent	BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	-	-	-	✓	✓	✓	✓	✓	12ft		BTSMP-OMNI-O
	BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	-	-	-	✓	✓	✓	✓	✓	14ft		BTSMP-LMO
	BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	-	-	-	✓	✓	✓	✓	✓	40ft		BTSMP-HMO

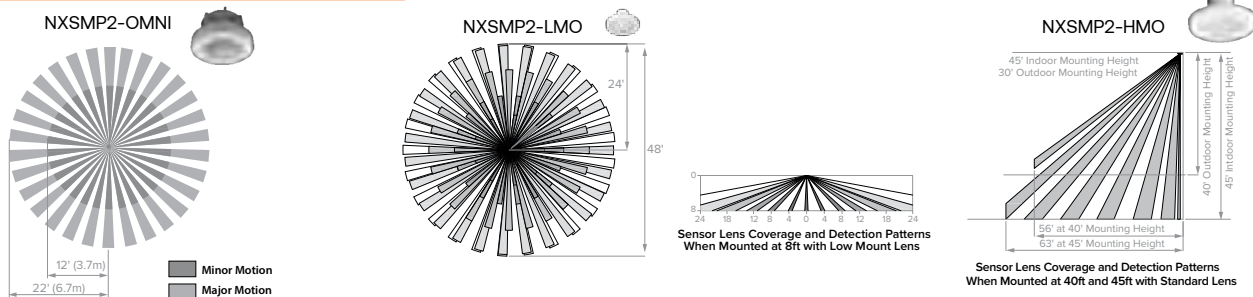
Footnote:
Controls cannot be combined with other control options

DEFAULT SETTINGS

NX Wireless	Occupancy Sensor	Enabled
	Occupancy Sensor Sensitivity	7
	Occupancy Sensor Timeout	15 Minutes
	Occupied Dim Level	100%
	Unoccupied Dim Level	0%
	Daylight Sensor	Disabled
	Bluetooth	Enabled
	2.4GHz Wireless Mesh	On
	"Passcode Factory Passcode: HubbN3T!"	Enabled

Stand Alone	Occupancy Sensor	Enabled
	Occupancy Sensor Sensitivity	7
	Occupancy Sensor Timeout	8 Minutes
	Occupied Dim Level	100%
	Unoccupied Dim Level	50%
	Daylight Sensor	Disabled

NX WIRELESS COVERAGE PATTERNS



NX LIGHTING CONTROLS FREE APP

CONTROLS TECH SUPPORT 800-888-8006 (7:00 AM - 7:00 PM)



The NX Lighting Controls App is free to use mobile application for programming both NX Lighting Controls System or Standalone Bluetooth Sensors. The mobile app allows you to configure devices, discover and setup wireless enable luminaires and program NX system settings.

Apple App: <https://apps.apple.com/us/app/nx-lighting-controls/id962112904>

Google Play: https://play.google.com/store/apps/details?id=io.cordova.NXBTR&hl=en_US&gl=US



Apple App



Google Play

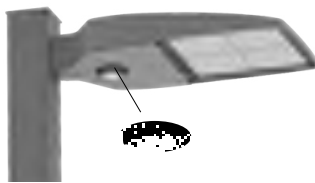
AIRO Micro Strike

AREA/SITE/ROAD LIGHTER

OUTDOOR LIGHTING CONTROLS OPTIONS

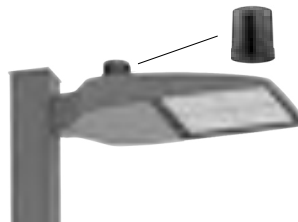
CONTROLS FUNCTIONALITY

Control Option Ordering Logic & Description		Control Option Functionality									Control Option Components	
		Networkable	Grouping	Scheduling	Occupancy/ Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming	Sensor Height		
Independent	7PR	7-Pin Receptacle	-	-	Paired with external control	-	Paired with external control	-	Paired with external control	-	-	 7PR
	7PR-SC	7-Pin Receptacle with shorting cap	-	-	-	-	-	-	-	-	-	 7PR-SC
	7PR-TL	7-Pin with photocontrol	-	-	-	-	✓	-	✓	-	-	 7PR-TL



OCCUPANCY SENSOR

- Individual fixture control
- Dims product when space is not occupied



7-PIN RECEPTACLE

- Compatible with 3-pin, 5-pin or 7-pin photocontrols
- Turns fixture on when sun sets, off when sun rises
- For use with a variety of control platforms

ACCESSORIES (ORDERED SEPARATELY)

Catalog Number	Description
☐ ACC-O-ASL1-HSS-90-B-XXX ¹	House Side Shield Back 90 deg
☐ ACC-O-ASL1-HSS-90-F-XXX ¹	House Side Shield Front 90 deg
☐ ACC-O-ASL1-HSS-90-S-XXX ¹	House Side Shield Side 90 deg
☐ ACC-O-ASL1-HSS-270-BSS-XXX ¹	House Side Shield Back, Side & Side 270 deg
☐ ACC-O-ASL1-HSS-270-FSS-XXX ¹	House Side Shield Front, Side & Side 270 deg
☐ ACC-O-ASL1-HSS-270-FSB-XXX ¹	House Side Shield Front, Side & Back 270 deg
☐ ACC-O-ASL1-HSS-360-XXX ¹	House Side Shield 360 deg
☐ ACC-O-ASL2-HSS-90-B-XXX ¹	House Side Shield Back 90 deg
☐ ACC-O-ASL2-HSS-90-F-XXX ¹	House Side Shield Front 90 deg
☐ ACC-O-ASL2-HSS-90-S-XXX ¹	House Side Shield Side 90 deg
☐ ACC-O-ASL2-HSS-270-BSS-XXX ¹	House Side Shield Back, Side & Side 270 deg
☐ ACC-O-ASL2-HSS-270-FSS-XXX ¹	House Side Shield Front, Side & Side 270 deg
☐ ACC-O-ASL2-HSS-270-FSB-XXX ¹	House Side Shield Front, Side & Back 270 deg
☐ ACC-O-ASL2-HSS-360-XXX ¹	House Side Shield 360 deg
☐ ASL-MAF	Mast arm kit with wildlife shield for mounting on 2 3/8" OD arms
☐ SETA2-XX ¹	Square pole tenon adapter (4 at 90 degrees) (2 3/8" OD tenon)
☐ RETA2-XX ¹	Round pole tenon adapter (4 at 90 degrees) (2 3/8" OD tenon), requires CL1S-RPA4-ACC-XX for each luminaire
☐ RARBC80L	Backlight Control 80L
☐ RARBC160L	Backlight Control 160L
☐ RARBC320L	Backlight Control 320L
☐ RARBC480L	Backlight Control 480L
☐ CL1S-RPA ⁴ -ACC-CC ¹	Round Pole Adapter ("denotes pole diameter 3=3.25"-3.75", 4=3.875"-4.5", 5=5" and paint color replaces CC
☐ ASL-ARMMTG-XX ¹	Arm mounting kit for side of pole attachment
☐ WB-AREA-XX ¹	Wall bracket, Compatible with standard arm mount option
☐ ASL-MAF	Mast arm kit with wildlife shield for mounting on 2 3/8" OD arms

¹ Replace XX or XXX with color choice, eg: DB for Dark Bronze or BLT for Black Matte Textured

AIRO Micro Strike

AREA/SITE/ROAD LIGHTER

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

PERFORMANCE DATA

Description	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
				Lumens	LPW ¹	B	U	G	Lumens	LPW ¹	B	U	G	Lumens	LPW ¹	B	U	G
ASL1	25	25.4	2	3400	134	1	0	1	3383	133	1	0	1	3197	126	1	0	1
			3	3436	135	1	0	1	3418	135	1	0	1	3230	127	1	0	1
			4F	3230	127	1	0	1	3227	127	1	0	1	3153	124	1	0	1
			4W	3372	133	1	0	1	3355	132	1	0	1	3170	125	1	0	1
			5QW	3454	136	2	0	1	3436	135	2	0	1	3247	128	2	0	1
	39	38	2	5243	138	1	0	1	5217	137	1	0	1	4930	130	1	0	1
			3	5298	139	1	0	2	5271	139	1	0	2	4981	131	1	0	2
			4F	4981	131	1	0	1	4976	131	1	0	1	4862	128	1	0	1
			4W	5199	137	1	0	2	5173	136	1	0	2	4889	129	1	0	2
			5QW	5326	140	3	0	1	5299	139	3	0	1	5006	132	3	0	1
	50	49.7	2	6385	128	1	0	2	6353	128	1	0	2	6003	121	1	0	2
			3	6452	130	1	0	2	6419	129	1	0	2	6066	122	1	0	2
			4F	6066	122	1	0	2	6060	122	1	0	2	5921	119	1	0	2
			4W	6332	127	1	0	2	6300	127	1	0	2	5954	120	1	0	2
			5QW	6486	131	3	0	1	6453	130	3	0	1	6097	123	3	0	1
	70	68.4	2	9460	138	2	0	2	9413	138	2	0	2	8895	130	2	0	2
			3	9559	140	2	0	2	9512	139	2	0	2	8989	131	1	0	2
			4F	8988	125	2	0	2	8979	125	2	0	2	8772	122	2	0	2
			4W	9382	137	1	0	2	9335	136	1	0	2	8822	129	1	0	2
			5QW	9610	141	4	0	2	9562	140	4	0	2	9034	132	4	0	2
	100	88	2	11939	136	2	0	2	11885	136	2	0	2	11232	128	2	0	2
			3	12064	138	2	0	2	12010	137	2	0	2	11349	130	2	0	2
			4F	12832	132	2	0	2	12819	132	2	0	2	12524	129	2	0	2
			4W	11840	135	2	0	2	11787	135	2	0	2	11138	127	2	0	2
			5QW	12132	138	4	0	2	12071	138	4	0	2	11404	130	4	0	2
	115	109.7	2	15651	143	2	0	2	15577	142	2	0	2	14977	137	2	0	2
			3	15487	141	2	0	3	15413	141	2	0	3	14820	135	2	0	3
			4F	14754	132	2	0	2	14740	132	2	0	2	14401	129	2	0	2
			4W	15305	140	2	0	3	15232	139	2	0	3	14646	134	2	0	3
			5QW	15731	143	4	0	2	15632	143	4	0	2	15031	137	4	0	2
	135	133.3	2	18089	136	3	0	3	17999	135	3	0	3	17275	130	3	0	3
			3	17863	134	2	0	3	17777	134	2	0	3	17094	128	2	0	3
			4F	17300	122	3	0	3	16902	120	3	0	3	16902	120	3	0	3
			4W	17653	133	2	0	3	17568	132	2	0	3	16893	127	2	0	3
			5QW	18155	136	4	0	2	18030	135	4	0	2	17338	130	4	0	2

AIRO Micro Strike

AREA/SITE/ROAD LIGHTER

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

PERFORMANCE DATA

Description	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
				Lumens	LPW ¹	B	U	G	Lumens	LPW ¹	B	U	G	Lumens	LPW ¹	B	U	G
ASL2	145	143.0	2	21007	147	3	0	4	20902	146	3	0	4	20061	140	3	0	4
			3	20842	146	3	0	4	20738	145	3	0	4	19904	139	3	0	4
			4F	19490	136	3	0	3	19471	136	3	0	3	19023	133	3	0	3
			4W	20595	144	3	0	5	20492	143	3	0	5	19669	138	3	0	5
			5QW	21130	148	5	0	4	21024	147	5	0	4	20179	141	5	0	4
	170	168.0	2	24452	146	3	0	4	24330	145	3	0	4	23351	139	3	0	4
			3	24260	144	3	0	4	24139	144	3	0	4	23168	138	3	0	4
			4F	22847	136	3	0	4	22824	136	3	0	4	22299	133	3	0	3
			4W	23972	143	3	0	5	23853	142	3	0	5	22895	136	3	0	5
			5QW	24596	146	5	0	4	24472	146	5	0	4	23488	140	5	0	4
	185	185.0	2	26658	144	4	0	5	26525	143	4	0	5	25457	138	4	0	5
			3	26449	143	3	0	4	26316	142	3	0	4	25258	137	3	0	4
			4F	24834	134	3	0	4	24809	134	3	0	4	24238	131	3	0	3
			4W	26135	141	4	0	5	26005	141	4	0	5	24961	135	4	0	5
			5QW	26814	145	5	0	5	26680	144	5	0	5	25607	138	5	0	5
	210	210.0	2	29872	142	3	0	4	29723	142	3	0	4	28536	136	3	0	4
			3	29638	141	3	0	4	29489	140	3	0	4	28303	135	3	0	4
			4F	30623	146	3	0	4	30592	146	3	0	4	29598	142	3	0	4
			4W	29286	139	3	0	5	29140	139	3	0	5	27970	133	3	0	5
			5QW	30047	143	5	0	4	29896	142	5	0	4	28694	137	5	0	4
	235	235.0	2	32960	140	3	0	4	32796	140	3	0	4	31475	134	3	0	4
			3	32701	139	3	0	4	32537	138	3	0	4	31229	133	3	0	4
			4F	31582	134	3	0	4	31550	134	3	0	4	30825	131	3	0	4
			4W	32313	138	3	0	5	32152	137	3	0	5	30861	131	3	0	5
			5QW	33153	141	5	0	4	32987	140	5	0	4	31660	135	5	0	4
	255	261.2	2	36216	142	4	0	5	36035	141	4	0	5	34585	136	4	0	5
			3	35932	141	3	0	4	35752	140	3	0	4	34314	135	3	0	4
			4F	34254	131	3	0	4	34219	131	3	0	4	33432	128	3	0	4
			4W	35505	139	4	0	5	35329	139	4	0	5	33910	133	4	0	5
			5QW	36428	143	5	0	5	36246	142	5	0	5	34788	136	5	0	5

¹ VAC input Lumen values are from photometric test performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations. Actual performance may differ as a result of end-user environment and application.

AIRO Micro Strike

AREA/SITE/ROAD LIGHTER

ELECTRICAL DATA

Family	Nominal Wattage	Input Voltage (Volts)	Current (AMPS)	System Power (Watts)
ASL1	25	120	0.21	25.4
		208	0.12	
		240	0.11	
		277	0.09	
		347	0.07	
		480	0.05	
	39	120	0.32	38
		208	0.18	
		240	0.16	
		277	0.14	
		347	0.11	
		480	0.08	
	50	120	0.41	49.7
		208	0.24	
		240	0.21	
		277	0.18	
		347	0.14	
		480	0.10	
	70	120	0.57	68.4
		208	0.33	
		240	0.29	
		277	0.25	
		347	0.20	
		480	0.14	
	100	120	0.73	88
		208	0.42	
		240	0.37	
		277	0.32	
		347	0.25	
		480	0.18	
	115	120	0.91	109.7
		208	0.53	
		240	0.46	
		277	0.40	
		347	0.32	
		480	0.23	
	135	120	1.11	133.3
		208	0.64	
		240	0.56	
		277	0.48	
		347	0.38	
		480	0.28	
SLING (ASL2) Next Page				

AIRO Micro Strike

AREA/SITE/ROAD LIGHTER

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

ELECTRICAL DATA (CONT'D)

Family	Nominal Wattage	Input Voltage (Volts)	Current (AMPS)	System Power (Watts)
ASL2	145	120	1.19	143.0
		208	0.69	
		240	0.60	
		277	0.52	
		347	0.41	
		480	0.30	
	170	120	1.40	168.0
		208	0.81	
		240	0.70	
		277	0.61	
		347	0.48	
		480	0.35	
	185	120	1.54	185.0
		208	0.89	
		240	0.77	
		277	0.67	
		347	0.53	
		480	0.39	
	210	120	1.75	210.0
		208	1.01	
		240	0.88	
		277	0.76	
		347	0.61	
		480	0.44	
	235	120	1.96	235.0
		208	1.13	
		240	0.98	
		277	0.85	
		347	0.68	
		480	0.49	
	255	120	2.18	261.2
		208	1.26	
		240	1.09	
		277	0.94	
		347	0.75	
		480	0.54	

AIRO Micro Strike

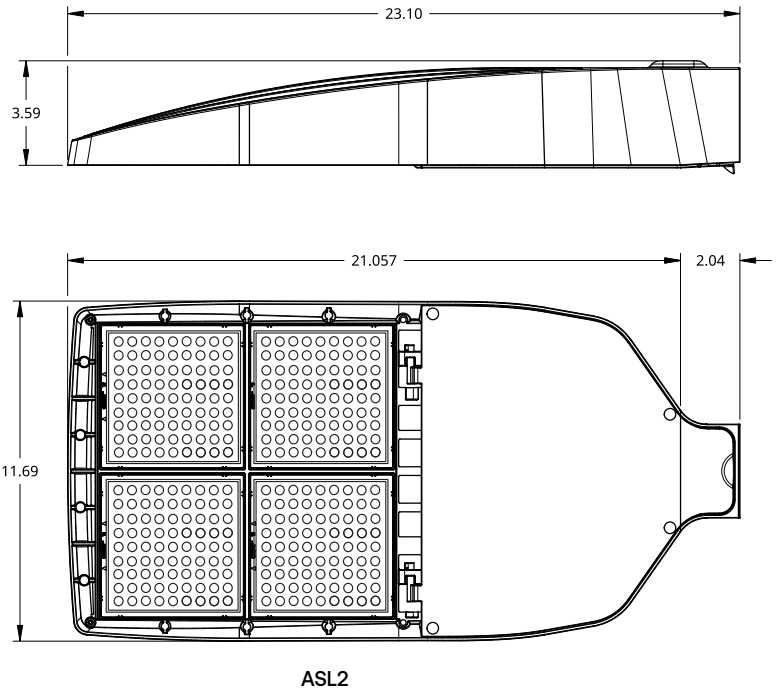
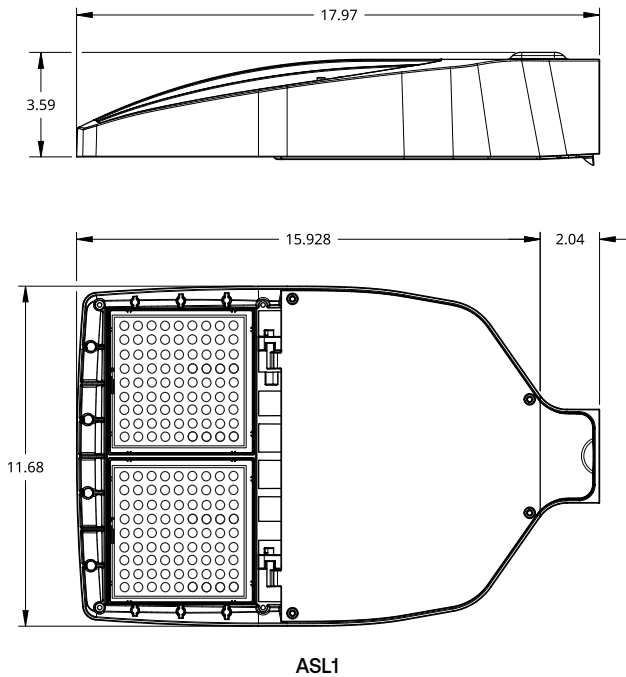
AREA/SITE/ROAD LIGHTER

PROJECTED LUMEN MAINTENANCE

Ambient Temperature	OPERATING HOURS					
	0	25,000	TM-21-11 ¹ L96 60,000	50,000	100,000	L70 (Hours)
25°C / 77°F	1.00	0.97	0.96	0.95	0.91	408,000
40°C / 104°F	0.99	0.96	0.95	0.94	0.89	356,000

1. Projected per IESNA TM-21-11 (* Cree XP-L, 2100mA, 105°C Ts, 6,000hrs)

DIMENSIONS

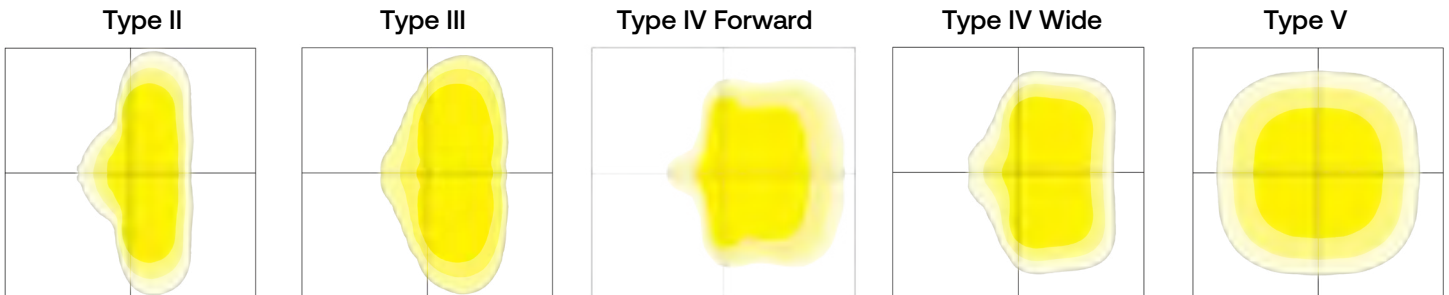


Weight

ASL1	14.47 lbs (6.56 kgs)
ASL2	17.47 lbs (7.92 kgs)

PHOTOMETRY

The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see www.currentlighting.com



DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

Ambient Temperature		Lumen Multiplier	Micro Strike Lumen Multiplier			
0° C	32° F		CCT	70 CRI	80 CRI	90 CRI
10° C	50° F		2700K	–	0.841	–
20° C	68° F		3000K	0.977	0.861	0.647
25° C	77° F		3500K	–	0.900	–
30° C	86° F		4000K	1	0.926	0.699
40° C	104° F		5000K	1	0.937	0.791

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

AIRO Micro Strike

AREA/SITE/ROAD LIGHTER

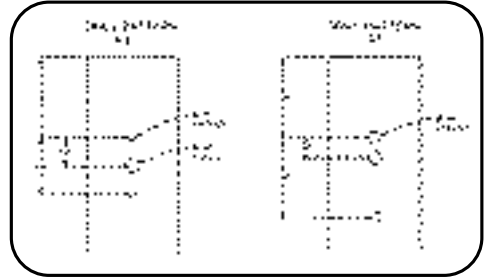
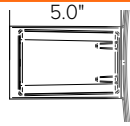
DATE:	LOCATION: Madison, WI
TYPE: OJ	PROJECT: Oakwood Village - Independent Living
CATALOG #:	

MOUNTING



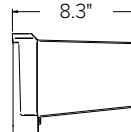
ASQ - ARM MOUNT FOR SQUARE POLE/FLAT SURFACE

Fixture ships with integral arm for ease of installation. Compatible with Current Outdoor B3 drill pattern for ease of installation on square poles. For round poles add applicable suffix (2/3/4/5)



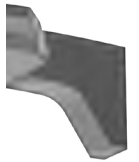
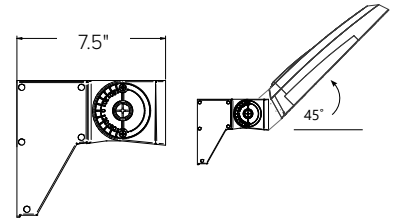
ASQU-UNIVERSAL ARM MOUNT

Universal mounting block for ease of installation. Compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2. For round poles add applicable suffix (2/3/4/5)



AAU-ADJUSTABLE ARM FOR POLE MOUNTING

Rotatable arm mounts directly to pole. Compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2 and B3. For round poles add applicable suffix (2/3/4/5). Rotatable in 5° aiming angle increments. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.



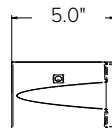
ADU-DECORATIVE UPSWEPT ARM

Upswept Arm compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2. For round poles add applicable suffix (2/3/4/5).



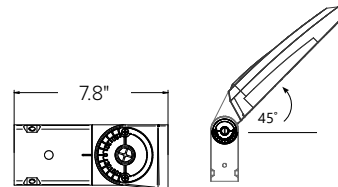
MAF-MAST ARM FITTER

Fits 2-3/8" OD horizontal tenons.



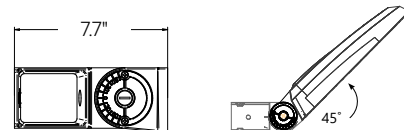
K-KNUCKLE

Rotatable in 5-degree aiming angle increments, fits 2-3/8" tenons or pipes. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.



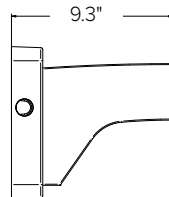
T-TRUNNION

Trunnion for surface and crossarm mounting using (1) 3/4" or (2) 1/2" size through bolts. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.

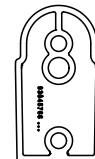


WM-WALL MOUNT

Compatible with universal arm mount, adjustable arm mount, and decorative arm mount. The WA option uses the same wall bracket but replaces the decorative arm with an adjustable arm.



ACCESSORIES



ROUND POLE ADAPTER

WB-AREA-XX

SBH POKE BRACKET

AIRO Micro Strike

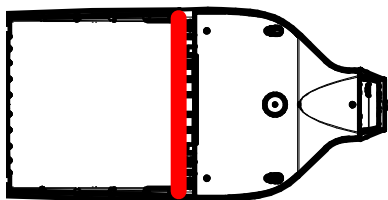
AREA/SITE/ROAD LIGHTER

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

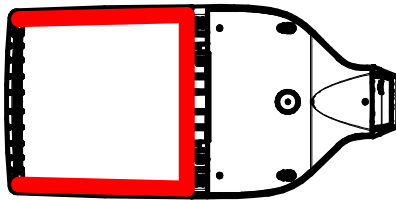
ADDITIONAL INFORMATION (CONT'D)

CONFIGURATIONS

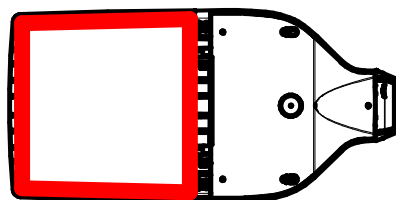
ASLx HSS-90-B-xx



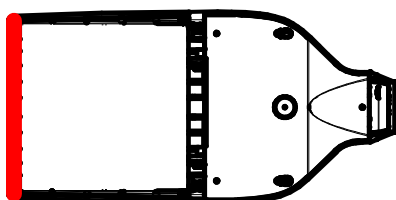
ASLx HSS-270-BSS-xx



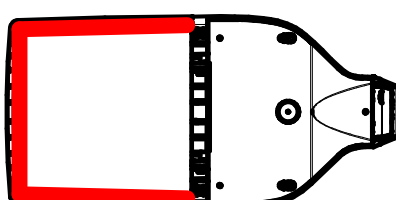
ASLx HSS-360-xx



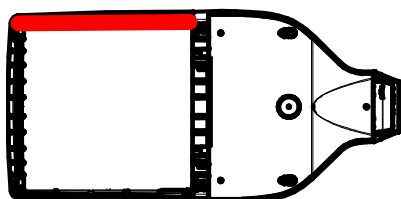
ASLx HSS-90-F-xx



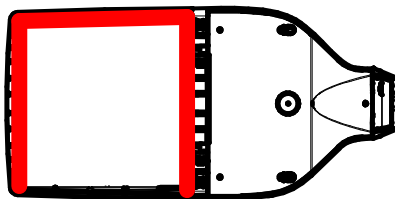
ASLx HSS-270-FSS-xx



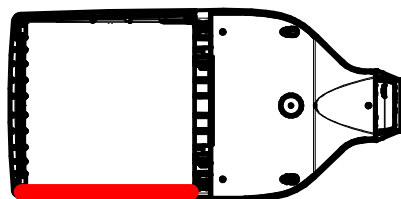
ASLx HSS-90-S-xx



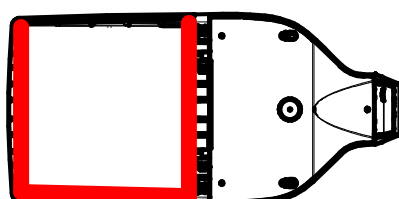
ASLx HSS-270-FSB-xx



ASLx HSS-90-S-xx



ASLx HSS-270-FSB-xx



SSSH Series Poles

SQUARE STRAIGHT STEEL

DATE:	LOCATION: Madison, WI
TYPE: OG/OH/OJ Pole	PROJECT: Oakwood Village - Independent Living
CATALOG #:	

SPECIFICATIONS

CONSTRUCTION

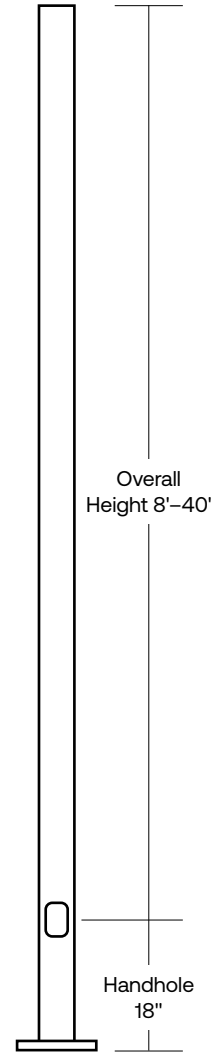
- Shaft: One-piece straight steel with square cross section, flat sides and minimum 0.23" radius on all corners; Minimum yield of 46,000 psi (ASTM-A500, Grade B); Longitudinal weld seam to appear flush with shaft side wall; Steel base plate with axial bolt circle slots welded to pole shaft having minimum yield of 36,000 psi (ASTM A36)
- Base cover: Two-piece square aluminum base cover included standard
- Pole cap: Pole shaft supplied with removable cover when applicable; Tenon and post-top configurations also available
- Hand hole: Rectangular 3x5 steel hand hole frame (2.38" x 4.38" opening); Mounting provisions for grounding lug located behind gasketed cover
- Anchor bolts: Four galvanized anchor bolts provided per pole with minimum yield of 55,000 psi (ASTM F1554). Galvanized hardware with two washers and two nuts per bolt for leveling
 - Anchor bolt part numbers: 3/4 x 30 x 3 — TAB-30-M38
1 x 36 x 4 — TAB-36-M38
- Super Durable polyester-TGIC powder coat finish with nominal 3.0 mil thickness. Meets or exceeds AAMA 2604 standards.

INSTALLATION

- Lighting installations for side and top mounting of luminaires with effective projected area (EPA) not exceeding maximum allowable loading of the specified pole in its installed geographic location

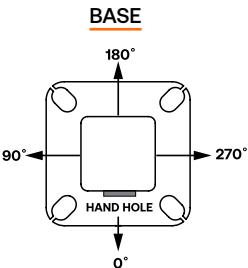
WAREHOUSE 'STOCKED' POLES:

- SSSH20-40A-4-HV-DB-WPO and SSSH25-40A-4-HV-DB-WPO (Pole only, must order kit SSSHSTK4KIT for anchor bolts and cap)
- The HV designation in the above catalog numbers is a combination of the S2 pattern and the B3 pattern

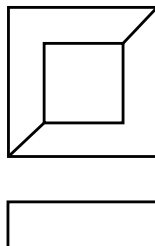


SERVICE PROGRAMS

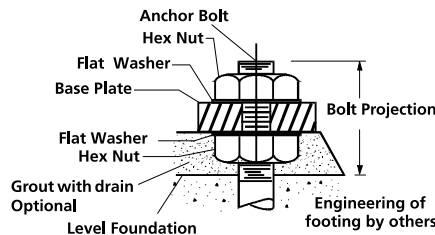
QS10



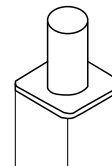
BASE COVER



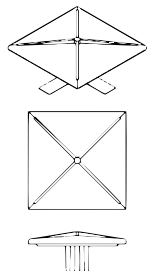
BASE DETAIL



TENON



POLE CAP



SSSH Series Poles

SQUARE STRAIGHT STEEL

DATE: _____ LOCATION: Madison, WI

TYPE: OG/OH/OJ Pole PROJECT: Oakwood Village - Independent Living

CATALOG #: _____

Gray Shading = Service Program Limit of 15 poles **QS10**

ORDERING INFORMATION

Example: SSSH25-40A-2L-S2-DBT-UL

SSSH	25	40	A	1	UDP	###	--
Series	Height	Shaft	Thickness	Mounting	Drill Pattern	Finish	Options
SSSH Square Straight Steel Pole EXO	Reference page 3 Ordering matrix	Reference page 3 Ordering matrix	Reference page 3 Ordering matrix	1 Single arm mount 2 Two fixtures at 180° 2L Two fixtures at 90° 3T Three fixtures at 90° 4 Four fixtures at 90° TA Tenon (2.38" OD x 4.25" Tall) TB Tenon (2.88" OD x 4.25" Tall) TC Tenon (3.5" OD x 6" Tall) TR ¹ Removable Tenon (2.38" x 4.25") OT Open Top (includes pole cap)	B3 2 bolt (2-1/2" spacing), Ratio S2 2 bolt (3-1/2" spacing) UDP Universal Drill Pattern	BLT Black Matte Textured BLS Black Gloss Smooth DBT Dark Bronze Matte Textured DBS Dark Bronze Gloss Smooth GTT Graphite Matte Textured LGT Light Grey Matte Textured LGS Light Grey Gloss Smooth PSS Platinum Silver Smooth WHT White Matte Textured WHS White Gloss Smooth VGT Verde Green Textured Color Option CC Custom Color ²	GFI ³ 20 Amp GFCI Receptacle and Cover EHH ³ Extra Handhole C05 ³ 5" Coupling C07 ³ 75" Coupling C20 ³ 2" Coupling MPB ³ Mid-pole Luminaire Bracket VM1 ⁴ Mode vibration dampener VM2 ⁵ 2nd mode vibration dampener LAB Less Anchor Bolts UL ⁶ UL Certified

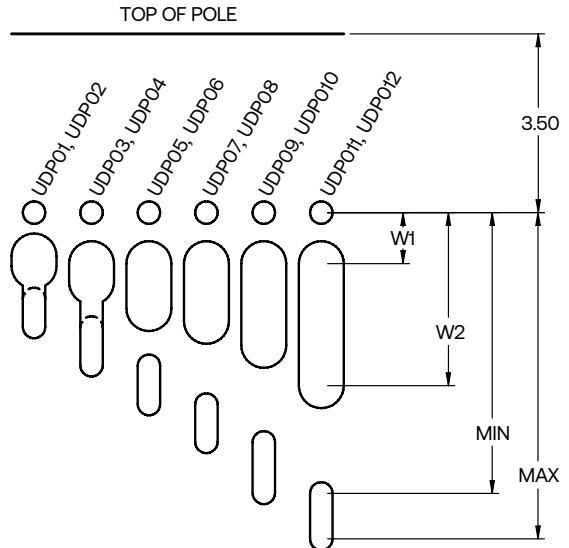
Accessories (Order Separately)

Part Number	Description
☐ A81999-0001	Field-installed 2nd mode vibration dampener - VM2S08
☐ A81999-0005	Field-installed 2nd mode vibration dampener - VM2S10
☐ A81999-0004	Field-installed 2nd mode vibration dampener - VM2S12
☐ A81999-0003	Field-installed 2nd mode vibration dampener - VM2S14
☐ A81999-0007	Field-installed 2nd mode vibration dampener - VM2S16
☐ A81999-0006	Field-installed 2nd mode vibration dampener - VM2S18
☐ A81999-0002	Field-installed 2nd mode vibration dampener - VM2S20
☐ A81999-0009	Field-installed 2nd mode vibration dampener - VM2S24
☐ A81999-0008	Field-installed 2nd mode vibration dampener - VM2S25
☐ SSSH-STK-4-KIT	Pole Cap and anchor bolt kit

- 1 Removable tenon used in conjunction with side arm mounting. First specify desired arm configuration followed by the "TR" notation. Example: SSS-H-25-40-A-1-S2-TR-DB.
- 2 Custom colors available; RAL number preferable
- 3 Specify option location using logic found on page 3 (Option Orientation).
- 4 VM1 recommended on poles 20' and taller with EPA of less than 1.
- 5 There will be a weld witness mark on the side of the pole with the Factory installed VM2
- 6 UL not available with tenon on pole

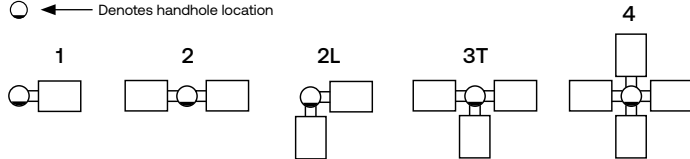
DRILL PATTERNS

UNIVERSAL DRILL PATTERN (UDP)



MOUNTING ORIENTATION

○ ← Denotes handhole location



STOCKED POLE ORDERING LOGIC

Catalog #	Description
SSSH20-40A-4-HV-DBT-WPO	Square Steel pole, 20', 4" square cross-section, .125" wall thickness, Dark Bronze Matte Textured paint. Pole only, no anchor bolts, base cover or pole cap included.
SSSH25-40A-4-HV-DBT-WPO	Square Steel pole, 25', 4" square cross-section, .125" wall thickness, Dark Bronze Matte Textured paint. Pole only, no anchor bolts, base cover or pole cap included.
SSSH-STK-4-KIT	Stock kit includes anchor bolts, template, base cover and plastic pole cap. Must be ordered separately from pole.

Note: the HV drill pattern is a combination of the S2 pattern and B3 pattern.

Two Bolt Mounting with Center Wireway						
Mounting Hardware	Universal Mounting Patterns					
3/8" or less	UDP01	UDP03	UDP05	UDP07	UDP09	UDP011
7/8" to 1/2"	UDP02	UDP04	UDP06	UDP08	UDP10	UDP12
"Min" Attachment Dimension	1.69	2.25	3.00	3.76	4.50	5.50
"Max" Attachment Dimension	2.24	2.99	3.75	4.49	5.49	6.00
W1 (Wireway min)	0.85	1.00	1.00	1.00	1.00	1.00
W2 (Wireway max)	1.05	1.36	1.88	2.13	2.60	3.00

UDP to accommodate 3rd Party Luminaires. Current Brands only utilize exact drill patterns as published.

SSSH Series Poles

SQUARE STRAIGHT STEEL

DATE: _____ LOCATION: Madison, WI

TYPE: OG/OH/OJ Pole PROJECT: Oakwood Village - Independent Living

CATALOG #: _____

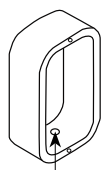
Gray Shading = Service Program Limit of 15 poles **QS10**

ORDERING INFORMATION (CONTINUED)

CATALOG NUMBER	HEIGHT		NOMINAL SHAFT DIMENSIONS	WALL THICKNESS	BOLT CIRCLE (SUGGESTED)	BOLT CIRCLE (RANGE)	BASE PLATE SQUARE	ANCHOR BOLT SIZE	BOLT PROJECTION	POLE WEIGHT (LBS)
	FEET	METERS								
SSSH10-40A	10	3.0	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	77
SSSH12-40A	12	3.7	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	90
SSSH14-40A	14	4.3	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	103
SSSH16-40A	16	4.9	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	116
SSSH18-40A	18	5.5	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	129
SSSH20-40A	20	6.1	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	142
SSSH25-40A	25	7.6	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	175
SSSH14-40B	14	4.3	4" square	.188"	11"	10" - 12"	10.50"	3/4" x 30" x 3"	3.5	152
SSSH16-40B	16	4.9	4" square	.188"	11"	10" - 12"	10.50"	3/4" x 30" x 3"	3.5	171
SSSH18-40B	18	5.5	4" square	.188"	11"	10" - 12"	10.50"	3/4" x 30" x 3"	3.5	190
SSSH20-40B	20	6.1	4" square	.188"	11"	10" - 12"	10.50"	3/4" x 30" x 3"	3.5	209
SSSH25-40B	25	7.6	4" square	.188"	11"	10" - 12"	10.50"	3/4" x 30" x 3"	3.5	257
SSSH30-40B	30	9.1	4" square	.188"	11"	10" - 12"	10.50"	3/4" x 30" x 3"	3.5	304
SSSH16-50B	16	4.9	5" square	.188"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	219
SSSH18-50B	18	5.5	5" square	.188"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	243
SSSH20-50B	20	6.1	5" square	.188"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	267
SSSH25-50B	25	7.6	5" square	.188"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	327
SSSH30-50B	30	9.1	5" square	.188"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	387
SSSH25-50C	25	7.6	5" square	.25"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	427
SSSH30-50C	30	9.1	5" square	.25"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	507
SSSH20-60B	20	6.1	6" square	.188"	12"	11.00" - 13.25"	12.25"	1" x 36" x 4"	5.0	329
SSSH25-60B	25	7.6	6" square	.188"	12"	11.00" - 13.25"	12.25"	1" x 36" x 4"	5.0	404
SSSH30-60B	30	9.1	6" square	.188"	12"	11.00" - 13.25"	12.25"	1" x 36" x 4"	5.0	479
SSSH35-60B	35	10.7	6" square	.188"	12"	11.00" - 13.25"	12.25"	1" x 36" x 4"	5.0	554
SSSH40-60B	40	12.2	6" square	.188"	12"	11.00" - 13.25"	12.25"	1" x 36" x 4"	5.0	629

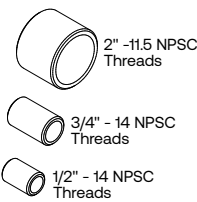
- Notes:**
- Factory supplied template must be used when setting anchor bolts. Current will deny any claim for incorrect anchorage placement resulting from failure to use factory supplied template and anchor bolts.
 - For more information about pole vibration and vibration dampeners, please consult factory.
 - Unwrap poles immediately upon receipt to avoid condensation build up and possible corrosion.
 - There will be a weld witness mark on the side of the pole with the Factory installed VM2.

EHH
Extra handhole



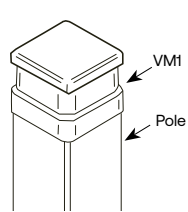
Provision for Grounding

C05 / C07 / C20
Coupling



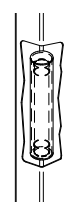
2" -11.5 NPSC Threads
3/4" - 14 NPSC Threads
1/2" - 14 NPSC Threads

VM1
1st mode vibration dampener



Field Installed Pole Top dampener designed to reduce pole top deflection or sway. VM1 is recommended for pole systems 25' and taller with a total EPA of 1.0 or less.

VM2¹
2nd mode vibration dampener



Factory installed, internal dampener designed to alter pole resonance to reduce movement and material fatigue caused by 2nd mode vibration.

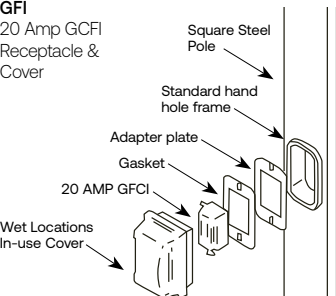
VM2SXX
Field-installed 2nd mode vibration dampener



VM2S08 - 8'
VM2S12 - 12'
VM2S16 - 16'
VM2S20 - 20'
VM2S24 - 24'

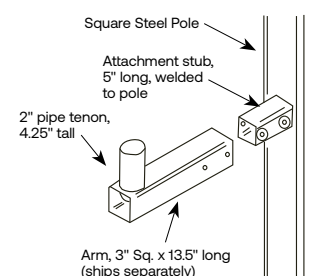
Field installed, internal dampener designed to alter pole resonance to reduce movement and material fatigue caused by 2nd mode vibration.

GFI
20 Amp GCFI Receptacle & Cover



Square Steel Pole
Standard hand hole frame
Adapter plate
Gasket
20 AMP GFCI
Wet Locations In-use Cover

MPB
Mid Pole Bracket

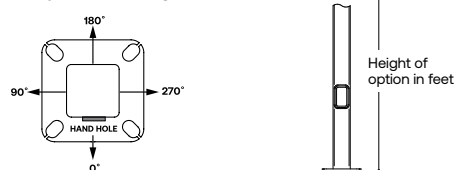


Square Steel Pole
Attachment stub, 5" long, welded to pole
2" pipe tenon, 4.25" tall
Arm, 3" Sq. x 13.5" long (ships separately)

Option Orientation

Follow the logic below when ordering location specific options. For each option, include its orientation (in degrees) and its height (in feet).

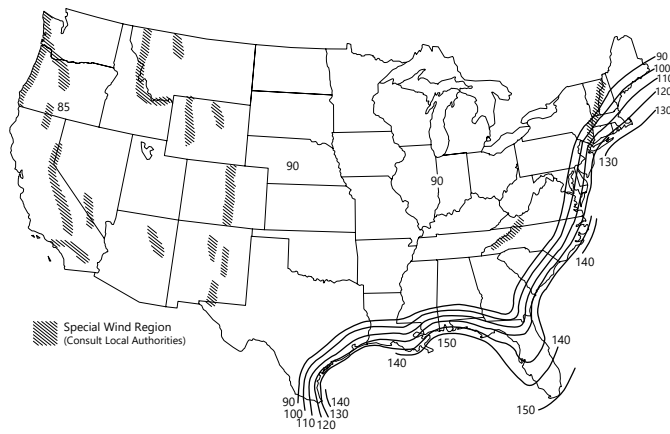
Example: Option C05 should be ordered as: SSSH20-40A-TA-DB-C05-0-15 (.5" coupling on the handhole side of pole, 15" up from the pole base) 1' spacing required between option. Consult factory for other configurations.



180°
90°
270°
0°
HAND HOLE
Height of option in feet

WIND MAPS

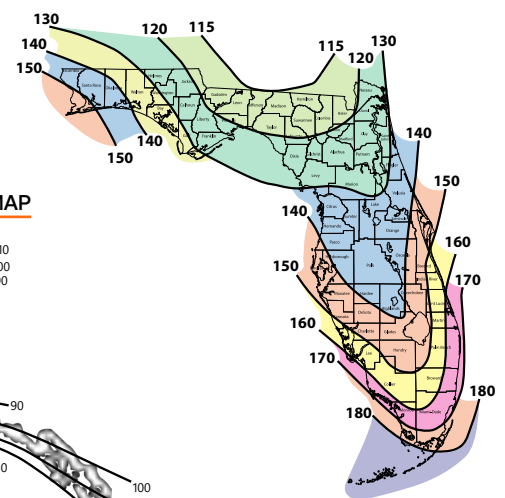
ASCE/SEI 7-22 WIND MAP



HAWAII – 105 mph
PUERTO RICO – 145 mph

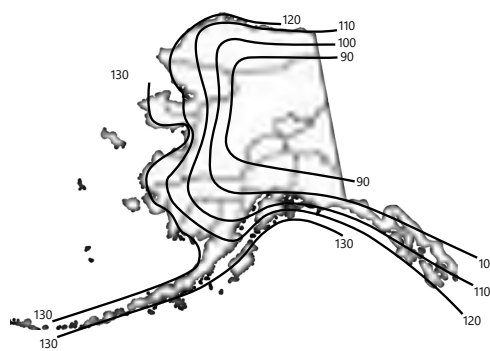
*Printed with permission from ASCE
**AASHTO LRFDLTS-1

FLORIDA REGION WIND MAP



Florida region wind map above is based upon 3-second gust winds and the 2017 Florida Building Code.

ALASKA REGION WIND MAP



**ASCE 7-22 wind map EPA Load Rating - 3 second gust wind speeds
(Use for all locations except Florida)**

[illegible]

**Florida Building Code 2017 EPA Load Rating - 3 second gust wind speeds
(Use for Florida only)**

Catalog Number	115	120	130	140	150	160	170	180
SSSH10-40A	25.0	25.0	25.0	25.0	21.4	18.4	15.9	13.9
SSSH12-40A	25.0	25.0	23.6	19.8	16.7	14.2	12.1	10.4
SSSH14-40A	25.0	23.1	19.0	15.7	13.1	10.9	9.1	7.6
SSSH16-40A	20.8	18.7	15.2	12.3	10.1	8.2	6.7	5.4
SSSH18-40A	16.8	15.0	11.9	9.4	7.5	5.9	4.5	3.4
SSSH20-40A	13.6	11.9	9.2	7.1	5.3	3.9	2.7	1.7
SSSH25-40A	7.4	6.2	4.1	2.5	1.1	NR	NR	NR
SSSH14-40B	25.0	23.6	19.4	16.1	13.4	11.2	9.4	7.8
SSSH16-40B	21.4	19.2	15.6	12.7	10.4	8.5	6.9	5.6
SSSH18-40B	17.2	15.4	12.2	9.7	7.7	6.1	4.7	3.6
SSSH20-40B	13.9	12.3	9.5	7.3	5.5	4.1	2.9	1.9
SSSH25-40B	7.7	6.4	4.3	2.6	1.3	NR	NR	NR
SSSH30-40B	3.2	2.1	NR	NR	NR	NR	NR	NR
SSSH16-50B	25.0	25.0	25.0	25.0	25.0	21.4	18.2	15.5
SSSH18-50B	25.0	25.0	25.0	24.4	20.4	17.0	14.2	11.9
SSSH20-50B	25.0	25.0	24.4	19.9	16.3	13.4	11.0	8.9
SSSH25-50B	21.8	19.3	15.0	11.5	8.8	6.5	4.7	3.1
SSSH30-50B	13.7	11.7	8.2	5.5	3.3	1.5	NR	NR
SSSH25-50C	21.8	19.3	15.0	11.5	8.8	6.5	4.7	3.1
SSSH30-50C	13.7	11.7	8.2	5.5	3.3	1.5	NR	NR
SSSH20-60B	25.0	25.0	25.0	21.9	17.8	14.5	11.7	9.4
SSSH25-60B	23.8	20.9	16.1	12.3	9.2	6.6	4.5	2.8
SSSH30-60B	14.6	12.3	8.4	5.3	2.8	0.8	NR	NR
SSSH35-60B	7.5	5.6	2.4	NR	NR	NR	NR	NR
SSSH40-60B	1.8	NR	NR	NR	NR	NR	NR	NR

SSSH Series Poles

SQUARE STRAIGHT STEEL

DATE:	LOCATION: Madison, WI
TYPE: OG/OH/OJ Pole	PROJECT: Oakwood Village - Independent Living
CATALOG #:	

NOTES

Wind-speed Website disclaimer:

Current has no connection to the linked website and makes no representations as to its accuracy. While the information presented on this third party website provides a useful starting point for analyzing wind conditions, Current has not verified any of the information on this third party website and assumes no responsibility or liability for its accuracy. The material presented in the windspeed website should not be used or relied upon for any specific application without competent examination and verification of its accuracy, suitability and applicability by engineers or other licensed professionals. Current does not intend that the use of this information replace the sound judgment of such competent professionals, having experience and knowledge in the field of practice, nor to substitute for the standard of care required of such professionals in interpreting and applying the results of the windspeed report provided by this website. Users of the information from this third party website assume all liability arising from such use. Use of the output of these referenced websites do not imply approval by the governing building code bodies responsible for building code approval and interpretation for the building site described by latitude/longitude location in the windspeed report. <http://windspeed.atcouncil.org>

- Allowable EPA, to determine max pole loading weight, multiply allowable EPA by 30 lbs.
- The tables for allowable pole EPA are based on the ASCE 7-22 Wind Map or the Florida Region Wind Map for the 2010 Florida Building Code. The Wind Maps are intended only as a general guide and cannot be used in conjunction with other maps. Always consult local authorities to determine maximum wind velocities, gusting and unique wind conditions for each specific application
- Allowable pole EPA for jobsite wind conditions must be equal to or greater than the total EPA for fixtures, arms, and accessories to be assembled to the pole. Responsibility lies with the specifier for correct pole selection. Installation of poles without luminaires or attachment of any unauthorized accessories to poles is discouraged and shall void the manufacturer's warranty
- Wind speeds and listed EPAs are for ground mounted installations. Poles mounted on structures (such as bridges and buildings) must consider vibration and coefficient of height factors beyond this general guide; Consult local and federal standards
- Wind Induced Vibration brought on by steady, unidirectional winds and other unpredictable aerodynamic forces are not included in wind velocity ratings. Consult Current Lighting's Pole Vibration Application Guide for environmental risk factors and design considerations.
- Extreme Wind Events like, Hurricanes, Typhoons, Cyclones, or Tornadoes may expose poles to flying debris, wind shear or other detrimental effects not included in wind velocity ratings