LITHONIA LIGHTING®

Catalog Number	
Notes	Minton Butler
Type	Lighting Fixture Type A

Wafer LED Recessed Downlight

WF3
3" LED Module

IC/Non-IC
New Construction/Remodel

FEATURES & SPECIFICATIONS

INTENDED USE — The 3" Wafer-Thin LED recessed downlight with remote driver box combines high quality light output and efficiency while eliminating the pot light housing for competitive affordability. This innovate wafer-slim Type IC design allows easy installation for new construction or remodel from below the ceiling without the requirement of a pot light housing for insulation. The LED module maintains at least 70% light output for 36,000 hours. These LED Wafer downlights are intended for closets, attics, hallways, bathrooms, kitchens, basements, soffits, entry ways, porches, garages, stairwells, corridors, nursing/retirement homes, condos, elevators, apartments, and any other small areas.

CONSTRUCTION — IC rated driver and fixture - approved for direct contact with insulation. Aluminum die cast outer frame. Durable, powder coat paint to prevent rust. Round fixture with integral edge-lit LED's. Plenum rated cable connector to connect from module to remote driver box. Isolated driver integrated inside steel remote box with four 7/8" knockouts with slots for pryout. Suitable for pulling wires with the 12 cubic-inch wiring compartment to accommodate up to (8) 14 gauge insulated conductors, or (6) 12 gauge insulated conductors; making the Wafer LED Downlights much easier to wire in 2in/2out (plus ground) daisy-chain applications and contractor friendly.

INSTALLATION — Ideal for shallow ceiling plenum; no housing required. Steel spring clip for easy installation. 3" cut out template is provided to ensure a correct sized hole is cut into ceiling for proper installation of the trim. Size of hole should not exceed 3 1/8 inches for this product. Suitable for installation in t-grid and drop ceiling applications. 6" plenum space required for installation of remote driver box.

OPTICS — Wafer-Thin downlight edge-lit LED technology uses light guided plate to distribute light. Polycarbonate lens provides even illumination throughout the space. Utilizes 2700K, 3000K, and 4000K color temperature LEDs.

ELECTRICAL — Connect directly to 120V power supply via provided UL recognized driver. Driver and Fixture Wet location approved and IC rated. High efficient driver with power factor > 0.9. Ambient operating temperature: -40°F (-40°C) to +104°F (+40°C). Dimming down to 10% (See page 2 for recommended dimmers). Standard input wattage is 8W ,68 lumens per watt. Actual wattage may differ by +/- 5% when operating at 120V +/- 10%. Replaces 50W incandescent.

LISTINGS — CSA certified to US and Canadian safety standards. ENERGY STAR® qualified. Wet location. Air Tight certified in accordance with ASTM E283-2004. NOM certified.

WARRANTY — 5-year limited warranty. 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.
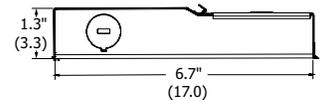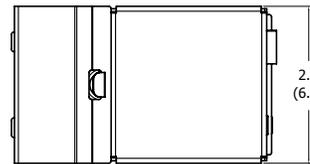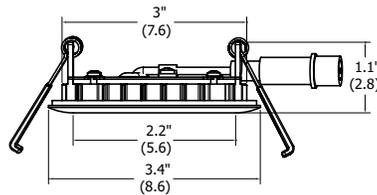
Matte black   **Brushed nickel**   **Oil-rubbed bronze**

Specifications

Aperture:	2.2 (5.6)
Ceiling opening:	3 (7.6)
Overlap trim:	3.4 (8.6)
Height:	1.1 (2.8)

All dimensions are inches (centimeters) unless otherwise indicated.

3" (7.6)
1.1" (2.8)
2.2" (5.6)
3.4" (8.6)

2.5" (6.4)

1.3" (3.3)
6.7" (17.0)

ORDERING INFORMATION For shortest lead times, configure product using **standard options (shown in bold).**   **Example:** WF3 LED 30K MW

WF3		LED			
Series		**Lamp**		**CCT/CRI/W/Lumens[1]**	**Finish**
WF3	3" wafer-thin LED downlight	**LED**	LED	**27K**[2] 2700K/80CRI/8W/540L	**MW** Matte white
				30K 3000K/80CRI/8W/550L	**MB** Matte black
				40K 4000K/80CRI/7.9W/590L	**BN** Brushed nickel
					ORB Oil-rubbed bronze

Accessories: *Order as separate catalog number.*

WF3 PAN R12	3" new construction pan, retail pack of 12
WFEXC6 U	6' FT4 cable
WFEXC10 U	10' FT4 cable
WFEXC20 U	20' FT4 cable

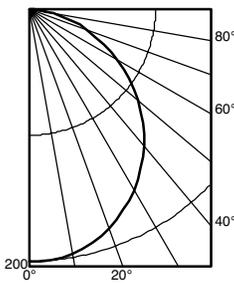**WF3_Pan**   **Extension Cable**

Notes
1 Total system delivered lumens.
2 Available in Matte White only.

WF3 3" LED Wafer Module

PHOTOMETRICS

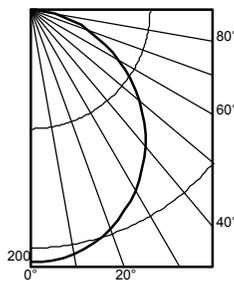| Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire

WF3 LED 27K, 2700 K LEDs, 8 watts, 545 lumens, 68.1 lm/w, test no. ISF 30891P2

Distribution Data:

	Ave	Lumens
0	201	
5	200	19
15	192	54
25	176	81
35	154	96
45	127	98
55	97	86
65	65	65
75	34	36
85	8	9
90	0	

Output Data:

Zone	Lumens	% Lamp
0°- 30°	154.4	28.3
0°- 40°	250.9	46.0
0°- 60°	435.3	79.8
0°- 90°	545.2	100.0
90°- 180°	0.0	0.0
0°- 180°	545.2	*100.0
	*Efficiency	

Coefficient of Utilization:

pf				20%					
pc	80%			70%			50%		
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	104	100	96	102	98	95	98	94	92
2	91	84	79	89	83	78	86	80	76
3	80	72	65	78	71	65	75	69	64
4	71	62	56	70	61	55	67	60	54
5	63	54	48	62	54	48	60	53	47
6	57	48	42	56	48	42	54	47	41
7	52	43	37	51	43	37	50	42	37
8	47	39	33	47	39	33	45	38	33
9	43	35	30	43	35	30	42	35	30
10	40	32	27	40	32	27	39	32	27

Illuminance Data:

	Inital FC Center	50% beam - 63.3°		10% beam - 108.2°	
Mounting Height	Beam	Diameter	FC	Diameter	FC
8.0	6.6	6.8	3.3	15.2	0.7
10.0	3.6	9.2	1.8	20.7	0.4
12.0	2.2	11.7	1.1	26.2	0.2
14.0	1.5	14.2	0.8	31.8	0.2
16.0	1.1	16.6	0.6	37.3	0.1

WF3 LED 30K, 3000 K LEDs, 8 watts, 550 lumens, 68.8 lm/w, test no. ISF 30891

Distribution Data:

	Ave	Lumens
0	212	
5	212	20
15	203	57
25	186	86
35	163	102
45	134	104
55	102	91
65	69	68
75	36	38
85	8	10
90	0	

Output Data:

Zone	Lumens	% Lamp
0°- 30°	163.2	28.3
0°- 40°	265.1	46.0
0°- 60°	460.0	79.8
0°- 90°	576.1	100.0
90°- 180°	0.0	0.0
0°- 180°	576.1	*100.0
	*Efficiency	

Coefficient of Utilization:

pf				20%					
pc	80%			70%			50%		
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	104	100	96	102	98	95	98	94	92
2	91	84	79	89	83	78	86	80	76
3	80	72	65	78	71	65	75	69	64
4	71	62	56	70	61	55	67	60	54
5	63	54	48	62	54	48	60	53	47
6	57	48	42	56	48	42	54	47	41
7	52	43	37	51	43	37	50	42	37
8	47	39	33	47	39	33	45	38	33
9	43	35	30	43	35	30	42	35	30
10	40	32	27	40	32	27	39	32	27

Illuminance Data:

	Inital FC Center	50% beam - 63.3°		10% beam - 108.2°	
Mounting Height	Beam	Diameter	FC	Diameter	FC
8.0	7.0	6.8	3.5	15.2	0.7
10.0	3.8	9.2	1.9	20.7	0.4
12.0	2.3	11.7	1.2	26.2	0.2
14.0	1.6	14.2	0.8	31.8	0.2
16.0	1.2	16.6	0.6	37.3	0.1

WF3 LED 40K, 4000 K LEDs, 7.9 watts, 590 lumens, 74.7 lm/w, test no. ISF 31230

Distribution Data:

	Ave	Lumens
0	230	
5	229	22
15	219	62
25	202	93
35	174	109
45	141	109
55	106	95
65	70	70
75	38	40
85	9	11
90	1	

Output Data:

Zone	Lumens	% Lamp
0°- 30°	176.6	29.0
0°- 40°	285.2	46.8
0°- 60°	488.6	80.2
0°- 90°	609.5	100.0
90°- 120°	0.1	0.0
90°- 130°	0.1	0.0
90°- 150°	0.1	0.0
90°- 180°	0.1	0.0
0°- 180°	609.6	*100.0
	*Efficiency	

Coefficient of Utilization:

pf				20%					
pc	80%			70%			50%		
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	104	100	96	102	98	95	98	95	92
2	91	84	79	89	83	78	86	80	76
3	80	72	66	79	71	65	76	69	64
4	71	63	56	70	62	55	67	60	55
5	64	55	48	63	54	48	60	53	47
6	57	49	42	57	48	42	55	47	42
7	52	44	37	51	43	37	50	42	37
8	48	39	33	47	39	33	46	38	33
9	44	36	30	43	35	30	42	35	30
10	40	33	27	40	32	27	39	32	27

Illuminance Data:

	Inital FC Center	50% beam - 62.8°		10% beam - 107.4°	
Mounting Height	Beam	Diameter	FC	Diameter	FC
8.0	7.6	6.7	3.8	15.0	0.8
10.0	4.1	9.2	2.0	20.4	0.4
12.0	2.5	11.6	1.3	25.9	0.3
14.0	1.7	14.0	0.9	31.3	0.2
16.0	1.3	16.5	0.6	36.8	0.1

DIMMER COMPATIBILITY

COMPATIBLE DIMMERS				
Leviton	**Lutron**			**Sensorswitch**	**Synergy/Leviton**
6633-PA	Maestro MACL-153M (TX)	Diva/Skylark DVRP-253PCTRP-253P	Panel Module HW/LP-RPM-4A-120	nSP5 PCD 2W	ISD 600 I 120/IPI06
IPL06-LED/INC mode	Maestro Wireless MRF2-6ELV	Skylark CTCL-150	Panel Module HW/LP-RPM-4U-120	nSP5 PCD ELV 120	ISD 400 ELV 120/IPE04
6615-P	Gen 3.0 DVCL-153P (T9)	Caseta Wireless PD-5NE	Grafik QS/Wallbox LQRJ-WPM-6P		
	Maestro MSCL-OP153M	Maestro MACL-LFQ	Grafik Eye 3000 Family HWI-WPM-6D-120		
	Caseta Wireless PD-6WCL	RadioRA2 RRD-6NA	HomeWorksQS / my Room LQSE-4A1-D/ MQSE-4A1-D/MQSE-3A1/MQSE-2A1-D,120V		
	Grafik T GT-5NEM / GTJ-5NEM	HomeWorks HQRD-6NA	Homeworks QS LQSE-4A-120-D		

*Requires Lutron Smart Bridge L-BDG2-WH for wireless applications (sold separately)

ENERGY DATA

3" ENERGY DATA - 2700K	
Lumens	540
Color temperature	2700K
CRI	80
Lumens/Watt	67.5
Min. starting temperature	-40°C (-40°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B
Sound rating	Class A standards
Input voltage	120V
Total Harmonic Distortion	13.5%
Min. power factor	0.97
Input frequency	50/60 Hz
Rated wattage	8W
Input power	8W
Input current	0.07A

Lithonia Lighting

LED lighting facts®
A Program of the U.S. DOE

Light Output (Lumens)	540
Watts	8
Lumens per Watt (Efficacy)	67.5

Color Accuracy
Color Rendering Index (CRI) — 80

Light Color
Correlated Color Temperature (CCT) — 2700 (Warm White)

Warm White | Bright White | Daylight
2700K | 3000K | 4500K | 6500K

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting.* The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the *Label Reference Guide.*

Registration Number: NJSM-6TRMCY (6/20/2017)
Model Number: WF3 LED 27K
Type: Luminaire - Downlight

3" ENERGY DATA - 3000K	
Lumens	550
Color temperature	3000K
CRI	80
Lumens/Watt	68.75
Min. starting temperature	-40°C (-40°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B
Sound rating	Class A standards
Input voltage	120V
Total Harmonic Distortion	13.5%
Min. power factor	0.97
Input frequency	50/60 Hz
Rated wattage	8
Input power	8W
Input current	0.07A

Lithonia Lighting

LED lighting facts®
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Light Output (Lumens)	550
Watts	8
Lumens per Watt (Efficacy)	68.75

Color Accuracy
Color Rendering Index (CRI) — 80

Light Color
Correlated Color Temperature (CCT) — 3000 (Bright White)

Warm White | Bright White | Daylight
2700K | 3000K | 4500K | 6500K

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting.* The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the *Label Reference Guide.*

Registration Number: NJSM-VJQIL2 (5/17/2016)
Model Number: WF3 LED 30K
Type: Luminaire - Downlight

ENERGY DATA

3" ENERGY DATA - 4000K	
Lumens	590
Color temperature	4000K
CRI	80
Lumens/Watt	74.68
Min. starting temperature	-40℃ (-40℉)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B
Sound rating	Class A standards
Input voltage	120V
Total Harmonic Distortion	13.5%
Min. power factor	0.97
Input frequency	50/60 Hz
Rated wattage	7.9
Input power	7.9W
Input current	0.07A

Lithonia Lighting

LED lighting facts®
A Program of the U.S. DOE

Light Output (Lumens)	590
Watts	7.9
Lumens per Watt (Efficacy)	74.68

Color Accuracy
Color Rendering Index (CRI) — 80

Light Color
Correlated Color Temperature (CCT) — 4000 (Bright White)

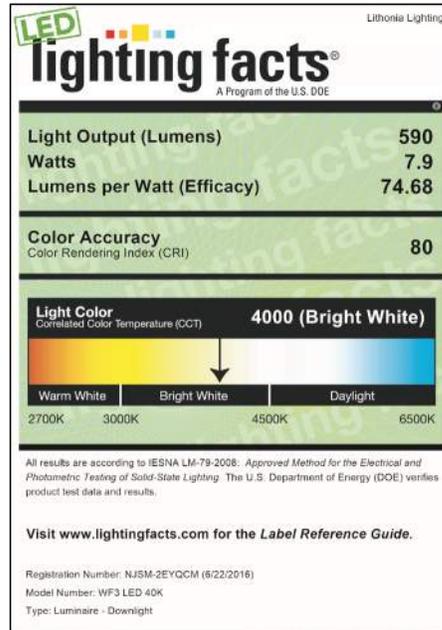| Warm White	Bright White	Daylight
2700K 3000K	4500K	6500K

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting.* The U.S. Department of Energy (DOE) verifies product test data and results.
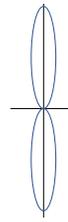
Visit www.lightingfacts.com for the *Label Reference Guide.*

Registration Number: NJSM-2EYQCM (6/22/2016)
Model Number: WF3 LED 40K
Type: Luminaire - Downlight

gotham® INCITO™

Multiple Layers of Light

Minton Butler
Lighting Fixture Types B1 through B4

High Center Beam Wall Mount Direct/Indirect Cylinder — 4"

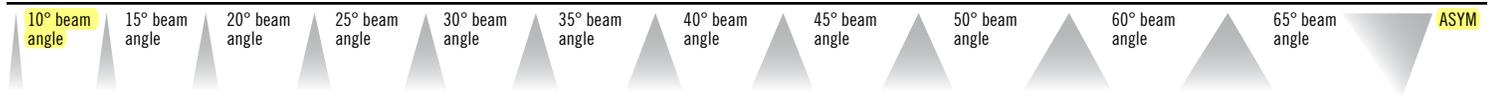No accessory | Snoot | Angle Cut Snoot | Light Shield | Concentric Ring Louver

Feature Set

- Downlight and uplight can be individually specified for lumen output, beam spreads and accessories, allowing for a complete custom design
- Accessories available in vivid colors to give designers the freedom to create unique luminaries
- 12 optimized distribution patterns allow designers to achieve unique specifications for their projects
- Bounding Ray™ delivers top down flash for superior glare control
- 45° cutoff to source and source image
- Fully serviceable lensed LED light engine

- 70% lumen maintenance at 60,000 hours
- 2.5 MacAdam Ellipse; 85 CRI typical, 90+ CRI optional
- Fixtures are damp location standard; wet location (WL) and IP66 options available - covered ceiling not required.
- 20 standard cylinder colors in textured and gloss finish; custom or RAL colors also available
- ENERGY STAR® Certified product
- UGR of zero for fixtures aimed at nadir with a cut-off equal to or less than 60deg per CIE 117-1995 Discomfort Glare in Interior Lighting. UGR FAQ

Distribution

10° beam angle | 15° beam angle | 20° beam angle | 25° beam angle | 30° beam angle | 35° beam angle | 40° beam angle | 45° beam angle | 50° beam angle | 60° beam angle | 65° beam angle | ASYM

Superior Perfomance

Nominal Lumens per Direction	500	750	1000	1500	2000	2500	3000	3500	4000	4500	5000
Delivered Lumens	703	807	1062	1545	1977	2419	2920	3548	3982	4419	4848
Wattage	6.7	7.5	9.8	15.1	21.5	26.5	34.1	33.8	39.5	46.2	53.2
Efficacy	104	108	108	102	92	91	86	105	101	96	91

*Based on 3500K AR LSS 35D 80CRI down orientation only

Coordinated Apertures | Multiple Layers of Light

General Illumination Layer | EVO

High Center Beam Layer | Incito

EVO + Incito — Multiple Layers of Light

Core							
Downlight	Adjustable	Open Wallwash	Lensed Wallwash	Cylinder	Pinhole	Bevel	Hyperbolic

Healthcare		
MRI	Surgical Suite	Patient Room

Special Applications					
Dynamic	Food Service	Vandal/Tamper	Clean Room	Shower	Steam Room

Luminaire Type: _____

Catalog Number: _____

A+ Capable options indicated by this color background.

EXAMPLE: ICO4UDWC 35/15 AR LSS 35D SNT SDBLB U30LM U35D USNT USDBLB MVOLT GZ10 JBX DWHG

Series		Color Temperature		Direct Lumens (Down)		Reflector Color		Reflector Finish		Direct Beam (Down)	
ICO4UDWC	Incito 4in Wall Mount Direct/Indirect Round Cylinder Open Downlight	27/	2700 K	05	500 lumens	AR	Clear	LSS	Semi-specular	10D²	10° beam angle
		30/	3000 K	07	750 lumens	PR	Pewter	LD	Matte diffuse	15D	15° beam angle
		35/	3500 K	10	1000 lumens	WTR	Wheat	LS	Specular	20D	20° beam angle
		40/	4000 K	15	1500 lumens	GR	Gold			25D	25° beam angle
		50/	5000 K	20	2000 lumens	WR¹	White painted			30D	30° beam angle
				25	2500 lumens	BR¹	Black painted			35D	35° beam angle
				30	3000 lumens	WRAMF¹	White anti-microbial			40D	40° beam angle
				35	3500 lumens	BZR¹	Dark Bronze painted			45D	45° beam angle
				40	4000 lumens					50D	50° beam angle
				45	4500 lumens					60D	60° beam angle
				50	5000 lumens					65D	65° beam angle
										ASYM³	Asymmetric

Direct Snoot Option (Down)		Direct Snoot Insert Color⁵ (Down)				Direct Louver Option (Down)		Indirect Lumens (Up)	
(blank)	No Snoot	SDNA	Natural Aluminum	SDWH	Matte White	**(blank)**	No Louver	U05LM	500 lumens
SNT	Snoot	SDDB	Gloss Dark Bronze	SDBNH	Matte Bronze	RNGLV	Concentric Ring Louver	U07LM	750 lumens
SNTANG	Angle Cut Snoot	SDBL	Gloss Black	SDNAT	Matte Natural Aluminum			U10LM	1000 lumens
SHLD⁴	Light Shield	SDWHG	Gloss White	SDSST	Matte Sandstone			U15LM	1500 lumens
		SDMB	Gloss Medium Bronze	SDSPD	Matte Dark Grey			U20LM	2000 lumens
		SDSS	Gloss Sandstone	SDSPE	Matte Green			U25LM	2500 lumens
		SDGC	Gloss Charcoal Grey	SDSPH	Matte Light Red			U30LM	3000 lumens
		SDTG	Gloss Tennis Green					U35LM	3500 lumens
		SDBR	Gloss Bright Red					U40LM	4000 lumens
		SDSB	Gloss Steel Blue					U45LM	4500 lumens
		SDDBT	Matte Dark Bronze	See Architectural colors for RAL and custom colors.				U50LM	5000 lumens
		SDBLB	Matte Black						

Indirect Beam (Up)		Indirect Snoot Option (Up)		Indirect Snoot Insert Color⁵ (Up)				Indirect Louver Option (Up)	
U10D²	10° beam angle	**(blank)**	No Snoot	USDNA	Natural Aluminum	USDWH	Matte White	**(blank)**	No Louver
U15D	15° beam angle	USNT⁶	Snoot	USDDB	Gloss Dark Broze	USDBNH	Matte Bronze	URNGLV	Concentric Ring Louver
U20D	20° beam angle	USNTANG	Angle Cut Snoot	USDBL	Gloss Black	USDNAT	Matte Natural Aluminum		
U25D	25° beam angle	USHLD⁴	Light Shield	USDWHG	Gloss White	USDSST	Matte Sandstone		
U30D	30° beam angle			USDMB	Gloss Medium Bronze	USDSPD	Matte Dark Grey		
U35D	35° beam angle			USDSS	Gloss Sandstone	USDSPE	Matte Green		
U40D	40° beam angle			USDGC	Gloss Charcoal Grey	USDSPH	Matte Light Red		
U45D	45° beam angle			USDTG	Gloss Tennis Green				
U50D	50° beam angle			USDBR	Gloss Bright Red				
U60D	60° beam angle			USDSB	Gloss Steel Blue				
U65D	65° beam angle			USDDBT	Matte Dark Bronze	See Architectural colors for RAL and custom colors.			
UASYM³	Asymmetric			USDBLB	Matte Black				

ORDERING CONTINUES ON NEXT PAGE...

gotham®

ORDERING INFORMATION

Voltage		Driver[8]		Mounting	
MVOLT	120V - 277V	**GZ10**	0-10V driver dims to 10%	**JBX**	Integral driver, Recessed or Surface J-box
120	120V	**GZ1**	0-10V driver dims to 1%		
277	277V	**EZ10**	eldoLED 0-10V ECOdrive. Linear dimming to 10% min.		
347[7]	347V	**EZ1**	eldoLED 0-10V ECOdrive. Linear dimming to 1% min.		
		EZB	eldoLED 0-10V SOLOdrive. Logarithmic dimming to <1%.		
		EDAB[9]	eldoLED SOLOdrive DALI. Logarithmic dimming to <1%.		
		EDXB[9,10]	eldoLED POWERdrive DMX with RDM (remote device management). Square Law dimming to <1%. Min: 1000LM; Max: 4000LM.		
		ELV[9]	Electronic line voltage / forward phase / Triac dimming, 120V Only.		
		ECOD[9]	Lutron® EcoSystem® digital Hi-Lume 1% soft-on, fade to black. Max: 4000LM.		

Control Interface[11]		Options		Architectural Colors for Cylinder - Powder Paint[5]			
(blank)	No controls	**SF**	Single fuse. Specify 120V or 277V.	**DDB**	Gloss Dark Bronze	**DDBT**	Textured Dark Bronze
NLT	nLight® dimming pack.	**90CRI**	High CRI (90+)	**DBL**	Matte Black	**DBLB**	Textured Black
NLTER[12]	nLight® dimming pack for fixtures on emergency circuit	**N80**	nLight Lumen Compensation	**DWH**	Gloss White	**DWHG**	Textured White
NLTAIR2	nLight® AIR dimming pack.	**HAO**[13]	HAO High Ambient Option (40°C)	**DMB**	Matte Medium Bronze	**DBNH**	Textured Bronze
NLTAIRER2[12]	nLight® AIR dimming pack for fixtures on emergency circuit	**WL**[14]	Wet Location	**DNA**	Gloss Natural Aluminum	**DNAT**	Textured Natural Aluminum
2NLT	2 nLight dimming packs	**IP66**[15]	Lensed, IP66 rated	**DSS**	Gloss Sandstone	**DSST**	Textured Sandstone
2NLTER[12]	2 nLight dimming packs for fixtures on emergency circuits			**DGC**	Gloss Charcoal Grey	**DSPD**	Textured Dark Grey
2NLTAIR2	2 nLight AIR dimming packs			**DTG**	Gloss Tennis Green	**DSPE**	Textured Green
2NLTAIRER2[12]	2 nLight AIR dimming packs for fixtures on emergency circuits			**DBR**	Gloss Bright Red	**DSPH**	Textured Light Red
				DSB	Gloss Steel Blue	**DWHAMF**	Gloss White with Anti-microbial finish

ACCESSORIES — order as separate catalog numbers (shipped separately)

GCOLORS KIT	Architectural colors chip kit, consisting of powder-coat and plated finishes
OPTC4 XXD	Additional optics for field installation. Replace "XX" with beam angle.

ORDERING NOTES

1. Not available with Reflector Finish.
2. Only available up to 1500 lumens.
3. Up to 4500 lumens down and 3500 lumens up. Refer to Max Lumens per Rating chart. Not available with SNT, USNT, SHLD, or USHLD.
4. Not available with Snoot Insert Color.
5. For details on RAL and Custom colors please see Architectural colors.
6. Not available with WL or IP66 options.
7. Factory supplies two step down transformers. Both must be utilized for single or dual control operation. Transformers must be remote mounted and access is required to location of remote mounted devices.
8. Refer to Tech 240 for compatible dimmers.
9. Not available with Control Interfaces.

10. Includes terminator resistor.
11. Field installed. Access required to location of remote mounted device. Choose 1 nLight dimming pack to control direct and indirect lighting together. Choose 2 nLight dimming packs to control direct and indirect lighting independently.
12. For use with generator supply EM power. Will require an emergency hot feed and normal hot feed.
13. Only available up to 2500 lumens; not available with WL, or IP66.
14. Up to 5000 lumens down and 3500 lumens up for all non-ASYM beams; up to 4500 lumens down and 3500 lumens up for ASYM beam. Refer to Max Lumens per Rating Chart.
15. Up to 3500 lumens down and up for all non-ASYM beams; up to 2500 lumens down and up for ASYM beam. Refer to Max Lumens per Rating chart.

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Optical Assembly

Fully serviceable and upgradeable lensed LED light engine suitable for field maintenance or service from room side.

Optical design is a Bounding Ray™ design with 45° cutoff to source and source image. Top down flash characteristic for superior glare control.

Direct/Indirect Lighting

The downlight and uplight portions of the luminaire can be individually specified for in terms of lumen output, beam spreads, and accessories.

The luminaire encompasses dual drivers, allowing for downlight and uplight to be independently controlled.

Available up to 5,000 lumens down and 5,000 lumens up for a total of 10,000 lumens per luminaire.

Accessories

The luminaire is available with 4 accessories that serve functional and aesthetic purposes. 1) Snoot: improved cut-off angle, glare control, and decorative appeal with insert (available in multiple finishes); 2) Angle Cut Snoot: decorative appeal with insert (available in multiple finishes); 3) Light Shield: glare control; and 4) Concentric Ring Louver: improved cut-off angle and glare control.

Electrical

The luminaire shall operate from a 50 or 60 Hz ±3 Hz AC line over a voltage ranging from 120 VAC to 277 VAC. Support 347V via remote-mounted stepdown transformers. The fluctuations of line voltage shall have no visible effect on the luminous output.

The luminaire shall have a power factor of 90% or greater at all standard operating voltages and full luminaire output.

Sound Rated A+. Driver shall be >80% efficient at full load across all input voltages.

Input wires shall be 18AWG, 300V minimum solid copper.

All drivers are ROHS compliant.

Controls

Luminaire shall be equipped with interface for nLight wired or nLight AIR networks with integral power supply as per specification.

Dimming

The luminaire shall be capable of continuous dimming without perceivable stroboscopic flicker as measured by flicker index (ANSI/IES RP-16-10) over a range of 100 – 10%, 100 – 1.0% or 100 – 0.1% of rated lumen output with a smooth shut off function to step to 0%.

eldoLED LED drivers shall conform to IEEE P1789 standards. Alternatively, manufacturers must demonstrate conformance with product literature and testing which demonstrates this performance. Systems that do not meet IEEE P1789 will not be considered.

Driver is inaudible in 24dB environment, and stable when input voltage conditions fluctuate over what is typically experienced in a commercial environment.

Construction

Heavy-gauge aluminum construction.

Extruded body with flangeless reflector allows flow-through passive thermal management.

Listings

Fixtures are CSA Certified to meet US and Canadian Standards: All fixtures manufactured in strict accordance with the appropriate and current requirements of the "Standards for Safety" to UL, damp location standard; wet location options available (WL) or lensed (IP66). All drivers are ROHS compliant.

Luminaire configurations are Energy Star certified through testing in EPA–recognized laboratories, with the results reviewed by an independent, accredited certification organization. Visit www.energystar.gov for specific configurations listed.

BUY AMERICAN ACT

This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to www.acuitybrands.com/buy-american for additional information.

Photometrics

LEDs tested to LM-80 standards. Measured by IESNA Standard LM-79-08 in an accredited lab. Lumen output shall not decrease by more than 30% over the minimum operational life of 60,000 hours.

Color appearance from luminaire to luminaire of the same type and in all configurations, shall be consistent both initially and at 6,000 hours and operate within a tolerance of <2.5 MacAdam ellipse as defined by the center of the quadrangles defined in ANSI C78.377-2015.

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

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⌂A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a shaded background*
- This luminaire is part of an A+ Certified solution for nLight® control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a shaded background*

To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details

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Tables of Use

ICO - eldoLED Driver Default Dimming Curve

Nomenclature	Min Dimming	Driver Dim Curve	Control Dim Curve
EZ10	10%	Linear	Linear/Logarithmic
EZ1	1%	Linear	Linear/Logarithmic
EZB	<1%	Logarithmic	Linear
EDAB	<1%	Logarithmic*	Linear
EDXB	<1%	Square	Linear

*Changeable through DALI controller

Lumen Output Multiplier

CRI	CCT	Multiplier
80	2700K	0.916
	3000K	0.948
	3500K	1
	4000K	1.032
	5000K	1.1
90	2700K	0.748
	3000K	0.8
	3500K	0.838
	4000K	0.845
	5000K	0.945

Reflector Finish Multiplier

Reflector Finish	Multiplier
LS - Specular	1
LSS - Semi Specular	0.956
WR - White	0.87
LD - Matte Diffuse	0.85
BR - Black	0.73
BZR - Bronze	0.73

Direction Multiplier

Direction	Multiplier
Direct	1
Indirect	0.986

Driver / Control Provided
(note: 347V/UVOLT versions provided with 347 option selected)

Nomenclature	Description	NLT	NLTER	NLTAIR2	NLTAIRER2
GZ10	0-10V driver dims to 10%	nPP16 D EFP	nPP16 D ER EFP	RPP20 D 24V G2	RPP20 D 24V ER G2
GZ1	0-10V driver dims to 1%	nPP16 D EFP	nPP16 D ER EFP	RPP20 D 24V G2	RPP20 D 24V ER G2
EZ10	eldoLED 0-10V ECOdrive	nPS 80 EZ	nPS 80 EZ ER	RPP20 D 24V G2	RPP20 D 24V ER G2
EZ1	eldoLED 0-10V ECOdrive	nPS 80 EZ	nPS 80 EZ ER	RPP20 D 24V G2	RPP20 D 24V ER G2
EZB	eldoLED 0-10V SOLOdrive	nPS 80 EZ	nPS 80 EZ ER	RPP20 D 24V G2	RPP20 D 24V ER G2

Max Lumens per Rating

Rating	Beams	Down Lumens	Up Lumens
Damp	All Non-ASYM	5000	5000
	ASYM	4500	3500
Wet	All Non-ASYM	5000	3500
	ASYM	4500	3500
IP66	All Non-ASYM	3500	3500
	ASYM	2500	2500

J-box Compatibility Matrix / Cylinder Configurations

J-box Compatibility Matrix		JBX	JBX w/EDXB Driver
Recommended J-box (by others)	4" Octagonal 4x4x1.5 deep"	✓	✗
	4" Octagonal 4x4x2.125 deep	✓	✓
	4" Square 4x4x1.5 deep	✓	✗

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.

Standard Architectural Color Options for Cylinder/Snoot Bodies, and Snoot Inserts

DSS LITHONIA P12 Sandstone	DSST TEXTURED P90 Sandstone	DBR LITHONIA P34 Bright Red	DSPH TEXTURED P80 Light Red	DMB LITHONIA P11 Medium Bronze	DBNH TEXTURED P74 Bronze	DTG LITHONIA P33 Tennis Green	DSPE TEXTURED P78 Green
DSB LITHONIA P49 Steel Blue	DNA LITHONIA P07 Natural Aluminum	DNAT TEXTURED P89 Natural Aluminum	DGC LITHONIA P32 Charcoal Gray	DSPD TEXTURED P77 Dark Grey	DDB LITHONIA P50 Dark Bronze	DDBT TEXTURED P88 Dark Bronze	DBL LITHONIA P13 Black
DBLB TEXTURED P75 Black	DWH LITHONIA P21 White	DWHG TEXTURED P86 White					

NOTE: These colors were carefully reproduced to give as true a depiction as possible of finished product color. Some colors, however, may vary slightly from actual appearance due to display/printing variations and limitations. Please always contact a Gotham representative for an accurate paint chip sample.

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JBX Recessed J-Box

7 15/16"[20.2]

JUNCTION BOX BY OTHERS
(SEE COMPATIBILITY CHART)

19 1/2"[49.5]

6 1/2"[16.5]

Ø 5 1/2"[14]

ICO4UDWC with no accessories

JBX Surface J-Box

7 15/16"[20.2]

JUNCTION BOX BY OTHERS
(SEE COMPATIBILITY CHART)

19 1/2"[49.5]

6 1/2"[16.5]

Ø 5 1/2"[14]

ICO4UDWC with no accessories

ICO4UDWC with SNT and USNT accessories

7 15/16"[20.2]

2 5/16"[5.9]

JUNCTION BOX BY OTHERS
(SEE COMPATIBILITY CHART)

24 1/8"[61.3]

6 1/2"[16.5]

Ø 5 1/2"[14]

Snoot can be specified Up , Down
or Both (as shown)

ICO4UDWC with SNTANG and USNTANG accessories

7 15/16"[20.2]

4 1/8"[10.5]

JUNCTION BOX BY OTHERS
(SEE COMPATIBILITY CHART)

27 3/4"[70.4]

6 1/2"[16.5]

Ø 5 1/2"[14]

Snoot can be specified Up , Down
or Both (as shown)

ICO4UDWC with RNGLV and URNGLV accessories

7 15/16"[20.2]

JUNCTION BOX BY OTHERS
(SEE COMPATIBILITY CHART)

Ø 5 1/2"[14]

Louver can be specified Up, Down, or Both (as shown)

ICO4UDWC with SHLD and USHLD accessories

7 15/16"[20.2]

4 1/8"[10.5]

JUNCTION BOX BY OTHERS
(SEE COMPATIBILITY CHART)

27 3/4"[70.5]

6 1/2"[16.5]

Ø 5 1/2"[14]

Snoot can be specified Up , Down
or Both (as shown)

*Dimensions in inches [centimeters]

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DIMENSIONAL DATA

347V Stepdown Transformer

4 5/16" [10.9]   3 7/16" [8.7]

4 1/4" [10.8]
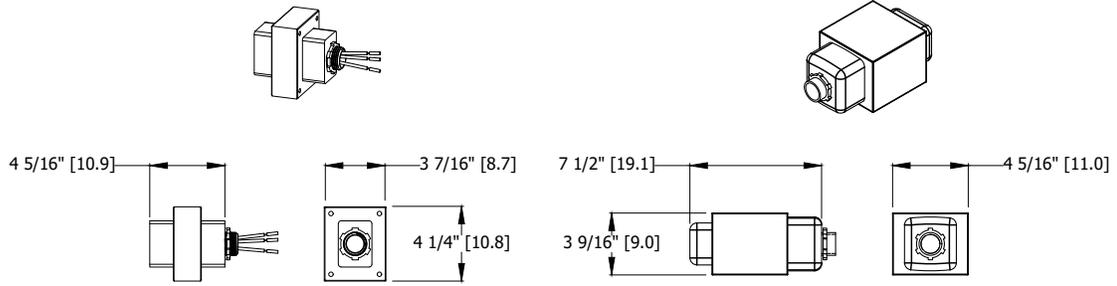
347 Transformer:
Up to 6000LM
Install to accessible
junction box by others

7 1/2" [19.1]   4 5/16" [11.0]

3 9/16" [9.0]

347 Transformer:
8000LM and up
Install to accessible
junction box by others

Junction Box Dimensions (by others)

1 1/2" [3.8]

3 1/2" [8.9]

4" Octagonal J-Box, 1 1/2" Deep

3 1/2" [8.9]

2 1/8" [5.4]

3 1/2" [8.9]

4" Octagonal J-Box, 2 1/8" Deep

3 1/2" [8.9]

1 1/2" [3.8]

4" [10.2]

4" Square J-Box, 1 1/2" Deep

4 3/4" [12.1]
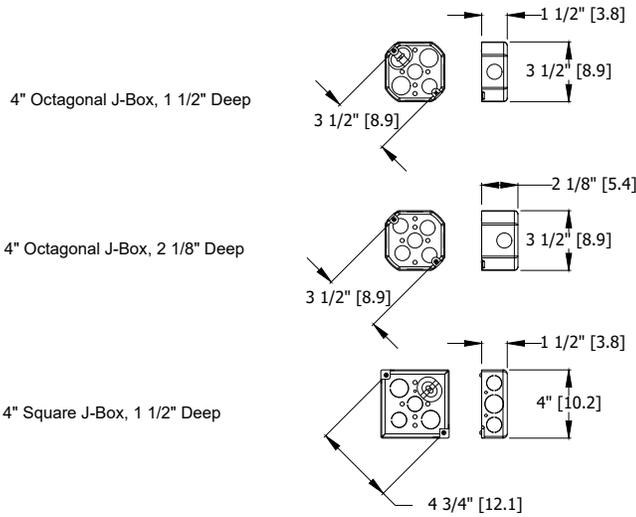
*Dimensions in inches [centimeters]

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Photometry

CONSULT WWW.GOTHAMLIGHTING.COM FOR ADDITIONAL PHOTOMETRY.

ICO4UDWC 35/15 AR LSS 15D Input Watts: 15.1, Delivered Lumens: 1504, LPW: 99.6, S/MH: 0.24, Test No: ISF 192654P7204

Downlight shown only

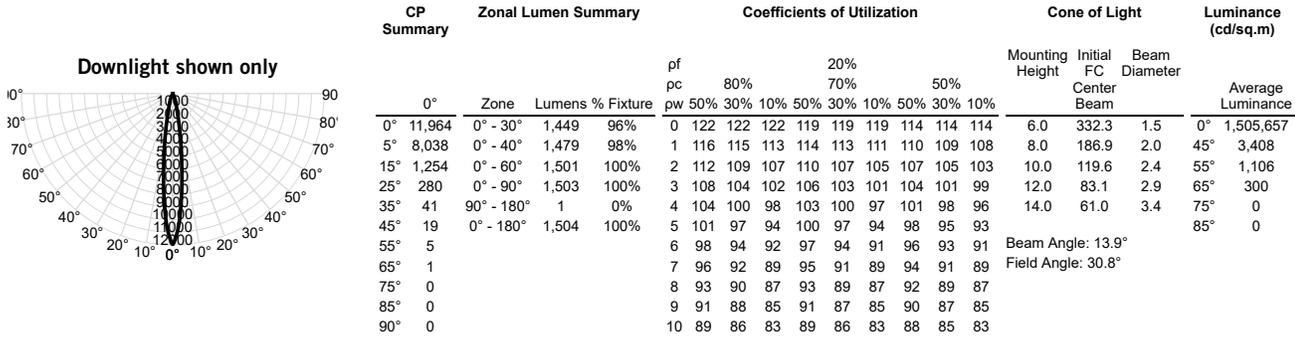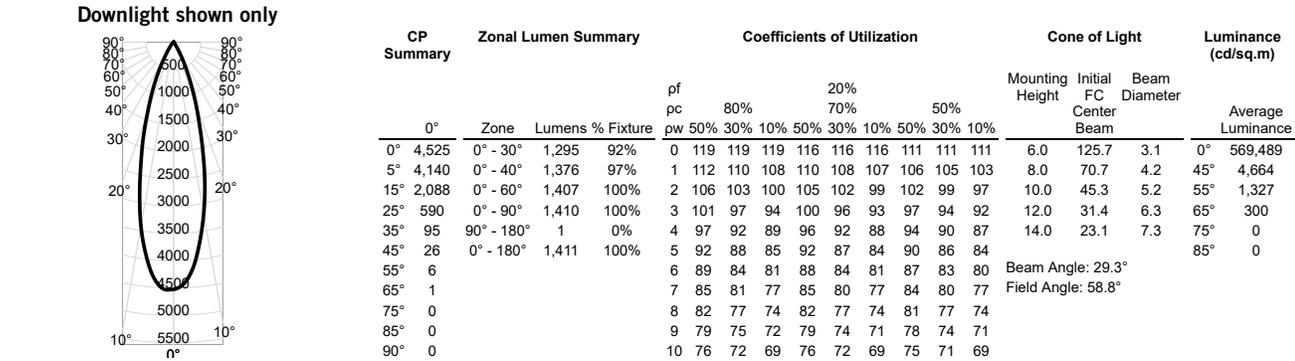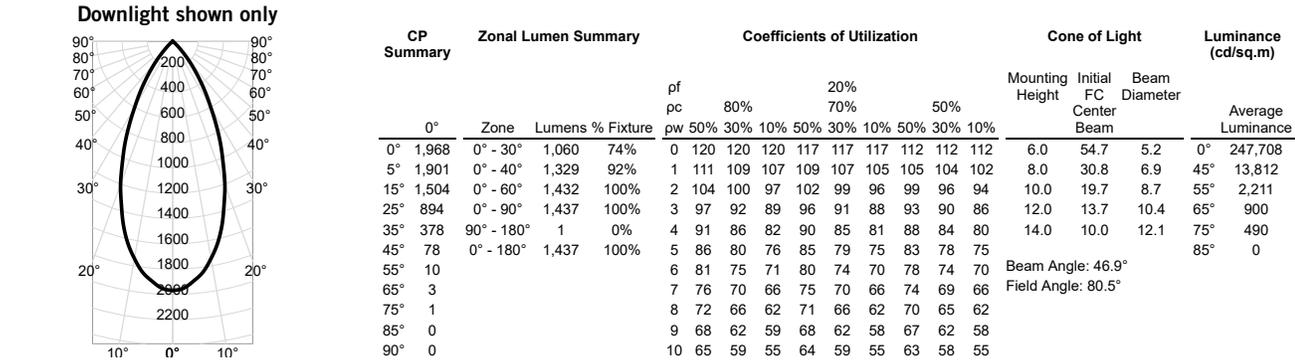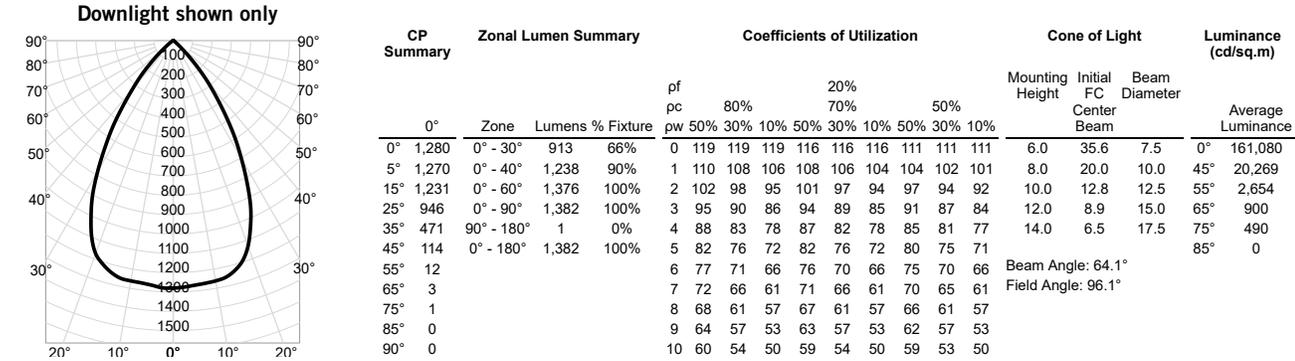| CP Summary		Zonal Lumen Summary			Coefficients of Utilization									Cone of Light			Luminance (cd/sq.m)	
	0°	Zone	Lumens	% Fixture	ρf ρc pw	80% 50%	30%	10%	20% 70% 50%	30%	10%	50% 50%	30%	10%	Mounting Height	Initial FC Center Beam	Beam Diameter		Average Luminance
0°	11,964	0° - 30°	1,449	96%	0	122	122	122	119	119	119	114	114	114	6.0	332.3	1.5	0°	1,505,657
5°	8,038	0° - 40°	1,479	98%	1	116	115	113	114	113	111	110	109	108	8.0	186.9	2.0	45°	3,408
15°	1,254	0° - 60°	1,501	100%	2	112	109	107	110	107	105	107	105	103	10.0	119.6	2.4	55°	1,106
25°	280	0° - 90°	1,503	100%	3	108	104	102	106	103	101	104	101	99	12.0	83.1	2.9	65°	300
35°	41	90° - 180°	1	0%	4	104	100	98	103	100	97	101	98	96	14.0	61.0	3.4	75°	0
45°	19	0° - 180°	1,504	100%	5	101	97	94	100	97	94	98	95	93				85°	0
55°	5				6	98	94	92	97	94	91	96	93	91	Beam Angle: 13.9°				
65°	1				7	96	92	89	95	91	89	94	91	89	Field Angle: 30.8°				
75°	0				8	93	90	87	93	89	87	92	89	87					
85°	0				9	91	88	85	91	87	85	90	87	85					
90°	0				10	89	86	83	89	86	83	88	85	83					

ICO4UDWC 35/15 AR LSS 30D Input Watts: 15.1, Delivered Lumens: 1411, LPW: 93.4, S/MH: 0.47, Test No: ISF 192657P7424

Downlight shown only

CP Summary		Zonal Lumen Summary			Coefficients of Utilization									Cone of Light			Luminance (cd/sq.m)	
	0°	Zone	Lumens	% Fixture	ρf ρc pw	80% 50%	30%	10%	20% 70% 50%	30%	10%	50% 50%	30%	10%	Mounting Height	Initial FC Center Beam	Beam Diameter		Average Luminance
0°	4,525	0° - 30°	1,295	92%	0	119	119	119	116	116	116	111	111	111	6.0	125.7	3.1	0°	569,489
5°	4,140	0° - 40°	1,376	97%	1	112	110	108	110	108	107	106	105	103	8.0	70.7	4.2	45°	4,664
15°	2,088	0° - 60°	1,407	100%	2	106	103	100	105	102	99	102	99	97	10.0	45.3	5.2	55°	1,327
25°	590	0° - 90°	1,410	100%	3	101	97	94	100	96	93	97	94	92	12.0	31.4	6.3	65°	300
35°	95	90° - 180°	1	0%	4	97	92	89	96	92	88	94	90	87	14.0	23.1	7.3	75°	0
45°	26	0° - 180°	1,411	100%	5	92	88	85	92	87	84	90	86	84				85°	0
55°	6				6	89	84	81	88	84	81	87	83	80	Beam Angle: 29.3°				
65°	1				7	85	81	77	85	80	77	84	80	77	Field Angle: 58.8°				
75°	0				8	82	77	74	82	77	74	81	77	74					
85°	0				9	79	75	72	79	74	71	78	74	71					
90°	0				10	76	72	69	76	72	69	75	71	69					

ICO4UDWC 35/15 AR LSS 45D Input Watts: 15.1, Delivered Lumens: 1437, LPW: 95.2, S/MH: 0.73, Test No: ISF 192660P6224

Downlight shown only

CP Summary		Zonal Lumen Summary			Coefficients of Utilization									Cone of Light			Luminance (cd/sq.m)	
	0°	Zone	Lumens	% Fixture	ρf ρc pw	80% 50%	30%	10%	20% 70% 50%	30%	10%	50% 50%	30%	10%	Mounting Height	Initial FC Center Beam	Beam Diameter		Average Luminance
0°	1,968	0° - 30°	1,060	74%	0	120	120	120	117	117	117	112	112	112	6.0	54.7	5.2	0°	247,708
5°	1,901	0° - 40°	1,329	92%	1	111	109	107	109	107	105	105	104	102	8.0	30.8	6.9	45°	13,812
15°	1,504	0° - 60°	1,432	100%	2	104	100	97	102	99	96	99	96	94	10.0	19.7	8.7	55°	2,211
25°	894	0° - 90°	1,437	100%	3	97	92	89	96	91	88	93	90	86	12.0	13.7	10.4	65°	900
35°	378	90° - 180°	1	0%	4	91	86	82	90	85	81	88	84	80	14.0	10.0	12.1	75°	490
45°	78	0° - 180°	1,437	100%	5	86	80	76	85	79	75	83	78	75				85°	0
55°	10				6	81	75	71	80	74	70	78	74	70	Beam Angle: 46.9°				
65°	3				7	76	70	66	75	70	66	74	69	66	Field Angle: 80.5°				
75°	1				8	72	66	62	71	66	62	70	65	62					
85°	0				9	68	62	59	68	62	58	67	62	58					
90°	0				10	65	59	55	64	59	55	63	58	55					

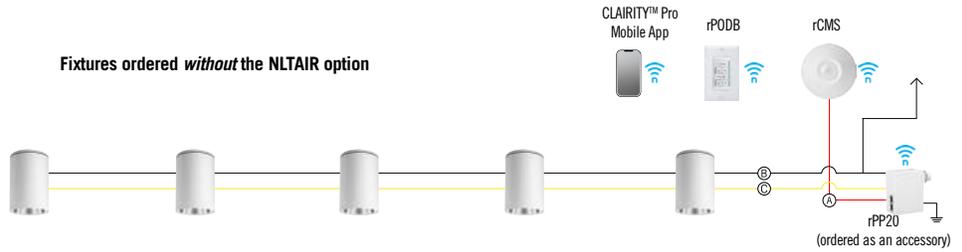## ICO4UDWC 35/15 AR LSS 65D Input Watts: 15.1, Delivered Lumens: 1382, LPW: 91.5, S/MH: 0.98, Test No: ISF 192663P7204

Downlight shown only

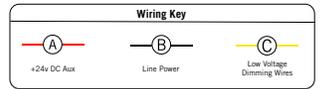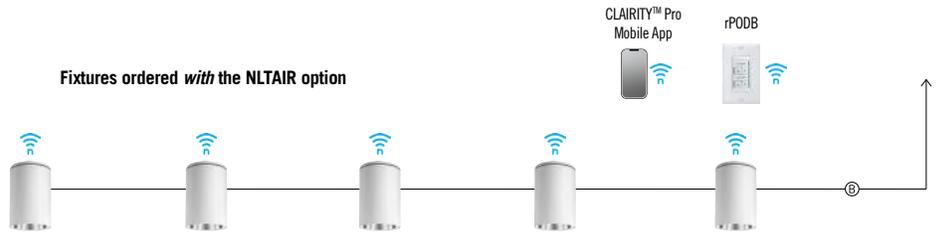| CP Summary		Zonal Lumen Summary			Coefficients of Utilization									Cone of Light			Luminance (cd/sq.m)	
	0°	Zone	Lumens	% Fixture	ρf ρc pw	80% 50%	30%	10%	20% 70% 50%	30%	10%	50% 50%	30%	10%	Mounting Height	Initial FC Center Beam	Beam Diameter		Average Luminance
0°	1,280	0° - 30°	913	66%	0	119	119	119	116	116	116	111	111	111	6.0	35.6	7.5	0°	161,080
5°	1,270	0° - 40°	1,238	90%	1	110	108	106	108	106	104	104	102	101	8.0	20.0	10.0	45°	20,269
15°	1,231	0° - 60°	1,376	100%	2	102	98	95	101	97	94	97	94	92	10.0	12.8	12.5	55°	2,654
25°	946	0° - 90°	1,382	100%	3	95	90	86	94	89	85	91	87	84	12.0	8.9	15.0	65°	900
35°	471	90° - 180°	1	0%	4	88	83	78	87	82	78	85	81	77	14.0	6.5	17.5	75°	490
45°	114	0° - 180°	1,382	100%	5	82	76	72	82	76	72	80	75	71				85°	0
55°	12				6	77	71	66	76	70	66	75	70	66	Beam Angle: 64.1°				
65°	3				7	72	66	61	71	66	61	70	65	61	Field Angle: 96.1°				
75°	1				8	68	61	57	67	61	57	66	61	57					
85°	0				9	64	57	53	63	57	53	62	57	53					
90°	0				10	60	54	50	59	54	50	59	53	50					

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NLIGHT AIR

nLight® AIR is the ideal solution for retrofit or new construction spaces where adding communication wiring is cost prohibitive. The integrated nLight AIR rPP20 Power Pack is part of each EVO Luminaire ordered with the NLTAIR option. These individually addressable controls offer the ultimate in flexibility during initial setup and for space repurposing.

Possibilites for nLight® AIR

Fixtures ordered *without* the NLTAIR option

CLAIRITY™ Pro Mobile App   rPODB   rCMS

rPP20 (ordered as an accessory)

Fixtures ordered *with* the NLTAIR option

CLAIRITY™ Pro Mobile App   rPODB

nLight® AIR Control Accessories
Order as separate catalog number. Visit nLight AIR.

Wall Switches	Model Number
On/Off single pole	rPODB (color) G2
On/Off two pole	rPODB 2P (color) G2
On/Off & raise/lower single pole	rPODB DX (color) G2
On/Off & raise/lower two pole	rPODB 2P DX (color) G2

nLight® AIR Control Accessories *(cont.)*

Occupancy Sensors (PIR/dual tech)	Model Number
Small motion 360°, ceiling	rCMS 9 / rCMS PDT 9
Large motion 360°, ceiling	rCMS 10 / rCMS PDT 10

Wiring Key

Ⓐ	Ⓑ	Ⓒ
+24v DC Aux	Line Power	Low Voltage Dimming Wires

NLIGHT

nLight® Wired The nLight® solution is a digital networked lighting control system that provides both energy savings and increased user configurability by cost effectively integrating time-based, daylight-based, sensor-based and manual lighting control schemes.

Possibilites for nLight® wired

Fixtures ordered *without* the NLT option

nCM   nPODM

nPS 80 EZ or nPP16 D (ordered as an accessory)

Fixtures ordered *with* the NLT option

nCM   nPODM
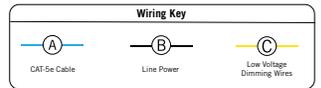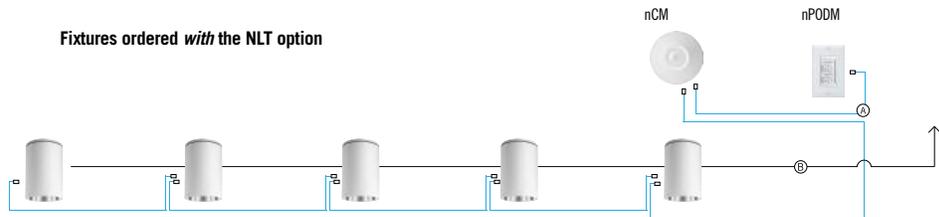
nLight® Wired Control Accessories
Order as separate catalog number. Visit nLight.

Wall Switches	Model Number
On/Off single pole	nPODM (XX)
On/Off two pole	nPODM 2P (XX)
On/Off & raise/lower single pole	nPOD DX (XX)
On/Off & raise/lower two pole	nPODM 2P DX (XX)
Graphic touchscreen	nPOD GFX (XX)
Photocell Controls	
Dimming	nCM ADCX

nLight® Wired Control Accessories *(cont.)*

Occupancy Sensors (PIR/dual tech)	Model Number
Small motion 360°, ceiling	nCM 9 / nCM PDT 9
Large motion 360°, ceiling	nCM 10 / nCM PDT 10
Wide View	nWV 16 / nWV PDT 16
Wall switch with raise/lower	nWSX LV DX / nWSX PDT LV DX
Cat-5 Cables (plenum rated)	
10', CAT5	CAT5 10FT J1
15', CAT5	CAT5 15FT J1

Wiring Key

Ⓐ	Ⓑ	Ⓒ
CAT-5e Cable	Line Power	Low Voltage Dimming Wires

gotham®

ZANEEN®

Minton Butler
Lighting Fixture Type C

EYES 17 FOR HANDRAIL RECESSED

E12R0008- **30K** –

base number | Color Temperature | Reflector Options

1. To build a product code in our configurator select the specify button on the base model # product page
2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL
Series: Eyes Handrail
Subseries: Eyes 17 for Handrail
Brand: Unonovesette
Division: Exterior
Mounting Type: Recessed
Mounting Location: Handrail
Subcategory: Marker

PHYSICAL
Shape: Round
Diameter (mm): 17
Diameter (in): 11/16
Depth (mm): 17
Depth (in): 11/16
Light Distribution: Direct
Weight (kg): 0.13
Installation Requirement: Fixing springs
Diffuser: Extra clear glass 4mm
Fixture Finish: PSS
Fixture Material: Stainless Steel AISI 316L
Cable Details: 200 cm 2x0,5 mm2
Cut-out Measurements: 15mm / 9/16"

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 2.33
Total Output Wattage (W): 1.05
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming
Driver Included: No
Driver Location: Remote
Driver Type: Constant Current - Universal
Driver Class: Class 2
Housing: ENCP4
Input Voltage (V): 120 - 277
Output Voltage (V): 24
Constant Current (MA): 350

LED
Number of LEDs: 1
Color Temperature (°K): 2700 / 3000
Max. Delivered Lumen (lm): 124 (3000K)
Nominal Lumen (lm): 150 (3000K)
CRI: >90 CRI
Lamp Life (hrs): 50000
Upon Request: RGB

OPTICAL
Reflector°: Asymetric / Symetric

RATINGS AND CERTIFICATIONS
Certified By: Certified for North American Standards
IP rating: IP67
Marine Grade: Stainless Steel AISI 316L

min. Ø40mm 1 9/16"
max. Ø50mm 1 15/16"

Ø17mm 11/16"

Asymmetric   Symmetric

17mm
11/16"

E

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In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com.
January 28, 2025, 12:41 pm

FIXTURE Finish

Digital: Not all screens are calibrated the same, and therefore, colors will appear differently between screens.
Physical: When texture is involved, there will be variations in color, character, and tone within a product series and between product families.

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Page 2/3

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In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com

January 28, 2025, 12:41 pm

ZANEEN®

PROJECT

TYPE

SPECIFIER

QUANTITY

DATE

EYES 17 FOR HANDRAIL RECESSED

LEGEND

Symbol	Description	Symbol	Description	Symbol	Description
↓	floor-mounted	▽	pivotable	✳	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
↗	wall and ceiling: recessed and surface mounted	↻	rotating	☼	warm dim / natural dimming LED
↑	ceiling-mounted and wall-mounted	↻	illuminate tilted	🔋	rechargeable battery powered
→	wall-mounted	⊥	color of suspension cable		fixture with natural vivid LED (upon request)
	omni-directional light distribution	↓	length of suspension cable	CRI	color rendering index
	direct light distribution		reflector degree selection	°K	color temperature
	direct/indirect light distribution	s/s	super spot	LM	lumen (luminous flux)
	indirect light distribution		lens	LM/W	efficacy (lumens per watt)
	asymmetric light distribution	⊛	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
	aura light distribution	◯	shine ring	⚓	marine grade (AISI 316 stainless steel)
◁	round wall or ceiling cut-out	⊙	integrated shine ring with diffuser	🚶	walk on
◁	square wall or ceiling cut-out	▪	free individual colors 01-29	🚗	drive on
	the supplied jig specifies the cutout dimensions	▪	individual colors: 00 (free of charge), 01-25 (extra charge)		Dark Sky Compliance
◁••	minimum distance (meters) lamp - object	◆	luminaire part to be colored (F1)	♿	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
⊥	recessed depth	▲	luminaire part to be colored (F2)		lamp protected against explosion
↕	ceiling thickness in mm	●	luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
⬆	ceiling thickness selection	■	luminaire part to be colored (F4)	◀»	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)	⬟	luminaire part to be colored (F5)	⊕	protection class I, protection insulation
	included or excluded LED driver/transformer/control gear	▪	color of 3-circuit adaptor	▢	protection class II, protection insulation
�X	separately switchable	⊙	indirect diffuser	ETL	ETL Certified to UL and CSA Standards
	sensor	D	direct diffuser	UL	UL Certified to UL and CSA Standards
	remote control	⊙	ball-proof (upon request)	CSA	CSA Certified to UL and CSA Standards
☎	available upon request	🔗	accessory	Z	Certified for North American Standards

IP RATING

IP20	protected against ingress of solid bodies greater than 12.5mm (finger)
IP33	protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain)
IP40	protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture
IP43	protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain)
IP44	protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions
IP54	protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions
IP65	protected against ingress of dust protected against jets of water
IP66	protected against ingress of dust protected against powerful jets of water or heavy seas
IP67	protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes
IP68	protected against ingress of dust protected against immersion of water under pressure for long periods

IK RATING

IK01	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
IK03	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
IK04	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
IK05	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
IK06	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
IK07	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
IK08	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
IK09	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

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Page 3/3

January 28, 2025, 12:41 pm

WDGE1 LED
Architectural Wall Sconce

Specifications

Depth (D1):	5.5"
Depth (D2):	1.5"
Height:	8"
Width:	9"
Weight: (without options)	9 lbs
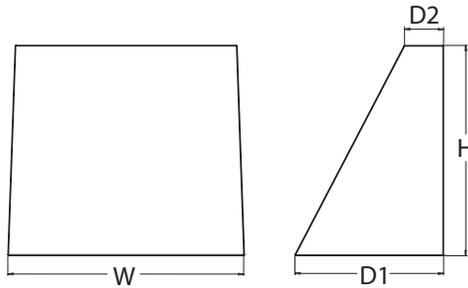
Introduction

The WDGE LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing true site-wide solution.

WDGE1 delivers up to 2,000 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. The compact size of WDGE1, with its integrated emergency battery backup option, makes it an ideal over-the-door wall-mounted lighting solution.

design select — Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect. *See ordering tree for details

WDGE LED Family Overview

Luminaire	Optics	Standard EM, 0°C	Cold EM, -20°C	Sensor	Approximate Lumens (4000K, 80CRI)						
					P0	P1	P2	P3	P4	P5	P6
WDGE1 LED	Visual Comfort	4W		--	750	1,200	2,000	--	--	--	--
WDGE2 LED	Visual Comfort	10W	18W	Standalone / nLight	--	1,200	2,000	3,000	4,500	6,000	--
WDGE2 LED	Precision Refractive	10W	18W	Standalone / nLight	700	1,200	2,000	3,200	4,200	--	--
WDGE3 LED	Precision Refractive	15W	18W	Standalone / nLight	6,000	7,500	8,500	10,000	12,000	--	--
WDGE4 LED	Precision Refractive			Standalone / nLight	--	12,000	16,000	18,000	20,000	22,000	25,000

Ordering Information

EXAMPLE: WDGE1 LED P2 40K 80CRI VF MVOLT SRM PE DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting
WDGE1 LED	P0 P1 P2	27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K[1] 5000K	80CRI 90CRI	VF Visual comfort forward throw VW Visual comfort wide	MVOLT 347[2]	**Shipped included** SRM Surface mounting bracket ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only)[3] **Shipped separately** AWS 3/8inch Architectural wall spacer[4] PBBW Surface-mounted back box (top, left, right conduit entry) Use when there is no junction box available.[4]

Options		Finish			
E4WH	Emergency battery backup, Certified in CA Title 20 MAEDBS (4W, 0°C min)[5]	DDBXD	Dark bronze	DDBTXD	Textured dark bronze
PE	Photocell, Button Type[6]	DBLXD	Black	DBLBXD	Textured black
DS	Dual switching (comes with 2 drivers and 2 light engines; see page 3 for details)[7]	DNAXD	Natural aluminum	DNATXD	Textured natural aluminum
DMG	0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)	DWHXD	White	DWHGXD	Textured white
BCE	Bottom conduit entry for back box (PBBW). Total of 4 entry points.	DSSXD	Sandstone	DSSTXD	Textured sandstone
DSLE	Dual Switching (1 Driver, 2 Light Engines)				
CCE	Coastal Construction[4]				

Accessories
Ordered and shipped separately.

WDGEAWS DDBXD	WDGE 3/8inch Architectural Wall Spacer (specify finish)
WDGE1PBBW DDBXD U	WDGE1 surface-mounted back box (specify finish)

NOTES

1. 50K not available in 90CRI.
2. 347V not available with E4WH, DS, DSLE or PE.
3. Not qualified for DLC. Not available with E4WH.
4. For PBBW and AWS with CCE option, require an RFA.
5. E4WH not available with PE or DS.
6. PE not available with DS.
7. DS is not available with P0.

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, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Dist. Type	27K (2700K, 80 CRI)					30K (3000K, 80 CRI)					35K (3500K, 80 CRI)					40K (4000K, 80 CRI)					50K (5000K, 80 CRI)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P0	7W	VF	693	99	0	0	0	718	103	0	0	0	739	106	0	0	0	759	108	0	0	0	764	109	0	0	0
		VW	694	99	0	0	0	720	103	0	0	0	740	106	0	0	0	760	109	0	0	0	766	109	0	0	0
P1	10W	VF	1,120	112	0	0	0	1,161	116	0	0	0	1,194	119	0	0	0	1,227	123	0	0	0	1,235	123	0	0	0
		VW	1,122	112	0	0	0	1,163	116	0	0	0	1,196	120	0	0	0	1,229	123	0	0	0	1,237	124	0	0	0
P2	15W	VF	1,806	120	1	0	0	1,872	125	1	0	0	1,925	128	1	0	0	1,978	132	1	0	0	1,992	133	1	0	0
		VW	1,809	120	1	0	0	1,876	125	1	0	0	1,929	128	1	0	0	1,982	132	1	0	0	1,996	133	1	0	0

Electrical Load

Performance Package	System Watts	Current (A)				
		120V	208V	240V	277V	347V
P0	7W	0.060	0.035	0.030	0.026	--
	9W	--	--	--	--	0.026
P1	10W	0.082	0.049	0.043	0.038	--
	13W	--	--	--	--	0.046
P2	15W	0.132	0.081	0.072	0.064	--
	18W	--	--	--	--	0.056

Lumen Multiplier for 90CRI

CCT	Multiplier
27K	0.845
30K	0.867
35K	0.845
40K	0.885
50K	0.898

Lumen Output in Emergency Mode (4000K, 80 CRI)

Option	Dist. Type	Lumens
E4WH	VF	646
	VW	647

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		Lumen Multiplier
0°C	32°F	1.03
10°C	50°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted 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.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	>0.96	>0.95	>0.91

LITHONIA LIGHTING

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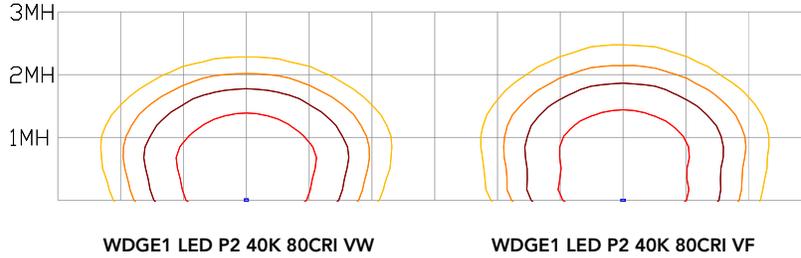
WDGE1 LED
Rev. 08/07/24

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting WDGE LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards.

LEGEND

0.25 fc	
0.5 fc	
1.0 fc	
3.0 fc	

MH = 8ft
Grid = 8ft x 8ft

WDGE1 LED P2 40K 80CRI VW   **WDGE1 LED P2 40K 80CRI VF**

Emergency Egress Options

Emergency Battery Backup

The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All emergency battery backup configurations include an independent secondary driver with an integral relay to immediately detect loss of normal power and automatically energize the luminaire. The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time normal power is lost and maintain a minimum of 60% of the light output at the end of 90minutes.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

The example below shows illuminance of 1 fc average and 0.1 fc minimum in emergency mode with E4WH and VF distribution.

8' MH

8'

15'

1.0 fc avg.

0.1 fc min.

26'

Grid = 10ft x 10ft

WDGE1 LED xx 40K 80CRI VF MVOLT E4WH
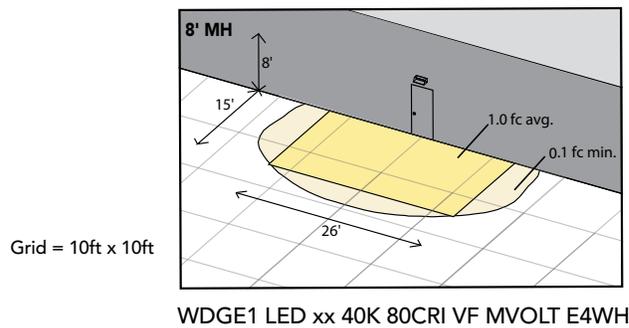
Dual Switching (DS) Option

The dual switching option offers operational redundancy that certain codes require. With this option the luminaire comes integrated with two drivers and two light engines. These work completely independent to each other so that a failure of any individual component does not cause the whole luminaire to go dark.
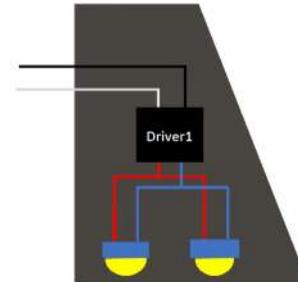
Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

Driver1   Driver2
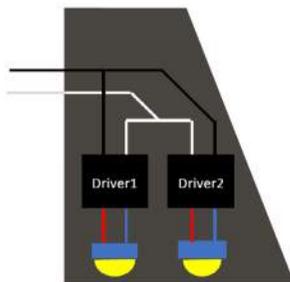
Dual Switching Light Engine (DSLE) Option

The dual switching option offers operational redundancy that certain codes require. With this option the luminaire comes integrated with one driver and two light engines. These work completely independent to each other so that a failure of either light engine does not cause the whole luminaire to go dark.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

Driver1

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WDGE1 LED
Rev. 08/07/24

E4WH – 4W Emergency Battery Backup

D = 5.5 "

H = 8 "

W = 9 "

PBBW – Surface-Mounted Back Box
Use when there is no junction box available.

D = 1.75 "

H = 8 "

W = 9 "

AWS – 3/8inch Architectural Wall Spacer

D = 0.38 "

H = 4.4 "

W = 7.5 "

FEATURES & SPECIFICATIONS

INTENDED USE
Common architectural look, with clean rectilinear shape, of the WDGE LED was designed to blend with any type of construction, whether it be tilt-up, frame or brick. Applications include commercial offices, warehouses, hospitals, schools, malls, restaurants, and other commercial buildings.

CONSTRUCTION
The single-piece die-cast aluminum housing integrates secondary heat sinks to optimize thermal transfer from the internal light engine heat sinks and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP66 rating for the luminaire.

FINISH
Exterior painted 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 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, sandstone and white. Available in textured and non-textured finishes.

OPTICS
Well crafted reflector optics allow the light engine to be recessed within the luminaire, providing visual comfort, superior distribution, uniformity, and spacing in wall-mount applications. The WDGE LED has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL
Light engine consists of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L91/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire comes with built in 6kV surge protection, which meets a minimum Category C low exposure (per ANSI/IEEE C62.41.2). Fixture ships standard with 0-10v dimmable driver.

INSTALLATION
A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections. The 3/8" Architectural Wall Spacer (AWS) can be used to create a floating appearance or to accommodate small imperfections in the wall surface. The ICW option can be used to mount the luminaire inverted for indirect lighting in dry and damp locations. Design can withstand up to a 1.5 G vibration load rating per ANSI C136.31.

LISTINGS
CSA certified to U.S. and Canadian standards. Luminaire is IP66 rated. PIR options are rated for wet location. 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 2700K and 3000K color temperature only and SRM mounting only.

GOVERNMENT PROCUREMENT
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.

CENTINELA
PTA118104

The Centinela is a low-energy, high-performance LED path light. Its stylish, contemporary design and slim profile allow it to blend seamlessly into the surrounding landscape.

- Thermally Integrated® w/ Copper Core Technology®
- Cree LED™ XP-L®
- Field serviceable LED module
- Ideal for wide pathways & walkways

CONFIGURATOR:

PTA118104	LED	FINISH

( ) = Most common configuration

(2703) 2700K 3W
(3003) 3000K 3W

(NAT) Natural Brass
(BLP) Bronze Living Patina
(BLPX) Extra Dark BLP
(NI) Nickel PVD

AVAILABLE FINISHES:

NAT	BLP	BLPX	NI
Natural Brass/ Copper	Bronze Living Patina	Extra Dark Bronze Living Patina	Nickel PVD

FIXTURE DIMENSIONS	L4-1/8" x H20-1/4"
LIGHT SOURCE	Integrated LED
COLOR TEMPERATURES	2700K, 3000K
WATTAGES	3W
CRI (RA)	80 CRI
VOLTAGE	12V
DELIVERED LUMENS	179lm (3000K)
DIMMABLE	Yes, Dim to <10% via Transformer
DRIVER	Yes, 12V Integral Constant Current
TRANSFORMER	12V AC/DC (Supplied by others)
MOUNT	Yes, Included 1/2" NPS Adapter
GROUND STAKE	Yes, Included MGS001109
FINISH	Included Natural
MATERIAL	Brass & Copper
WIRE LENGTH	24"
LOCATION	Exterior Wet
CERTIFICATIONS	UL, IP66, IP67, Dark Sky

*For complete warranty terms, please visit: www.auroralight.com/warranty/

4-1/8"
105mm

3"
76mm

1/2"
14NPS

9-1/4"
235mm

20-1/4"
514mm
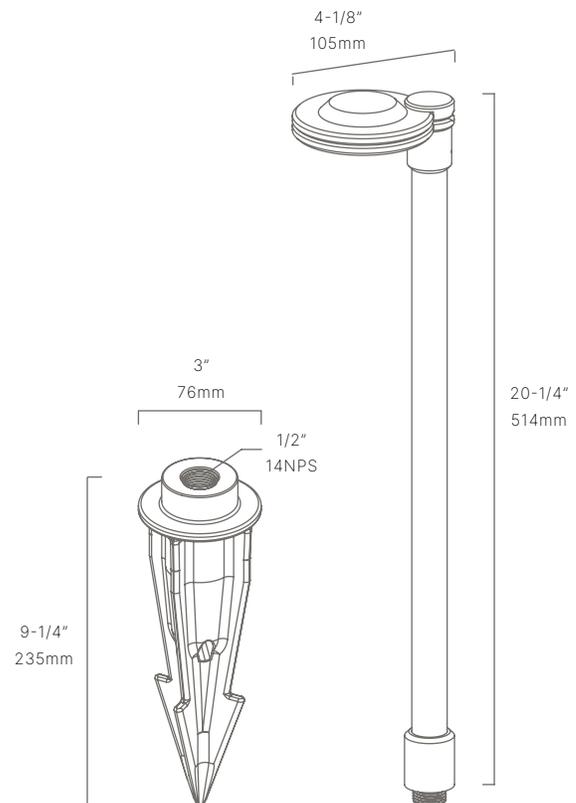
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ADD-ONS

MOUNTS

MGS001510	Ground Stake w/ 2" Brass Cap
MGS001612	Ground Stake w/ 3" Brass Cap
MGS001712	Ground Stake w/ 3-1/4" Brass Cap
MGS005109	9" Deluxe Spike
MGS005212	12" Trident Spike
MJB002303	3" Junction Box w/ PVC Stake
MPM003104	Concrete Pedestal Mount
MSM189102	2" Surface Mount
MSM189203	3" Surface Mount

*For complete details, please visit auroralight.com/mounts/

MOUNTS

MGS001510 MGS0015612 MGS001712 MGS005109 MGS005212 MGS002303

MPM003104 MSM189203 MSM189102

MADE IN USA
WITH DOMESTIC & IMPORTED MATERIALS

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