929 East Washington Avenue Hotel

929 E. Washington Ave.
Madison, WI
2016.36.02.4

Drawing Index

LD100 - Cover Sheet Exterior Lighting
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LD103 - Level 15 Exterior Lighting

LD111 - Luminaire Schedule

LD121 - Luminaire Cutsheet 1
LD122 - Luminaire Cutsheet 2
LD123 - Luminaire Cutsheet 3

LIGHTING ERGONOMICS

100 Sunbridge Ln,
Buffalo Grove (Chicago), IL 60089.
Ph1: +1 312 994 2374,
mail@lightingergonomics.com

GENERAL NOTES

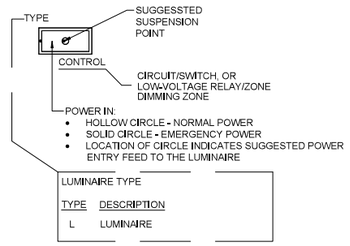
1. ALL THE SHEETS IN THIS DESIGN DEVELOPMENT MANUAL, UNLESS OTHERWISE MENTIONED, TO BE PLOTTED TO 24" X 34" SHEET
2. REFER TO LIGHTING LEGEND ON THE SIDE FOR THE FIXTURE SYMBOL & ABBREVIATION INFORMATION.
3. REFER TO SHEET LD111 FOR LUMINAIRE SCHEDULE
4. ALL DIMENSIONS ARE IN INCHES & FOOT UNLESS OTHERWISE SPECIFIED.
5. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED. DO NOT SCALE THE DRAWING.
6. ALL THE REFERENCED HEIGHTS ARE FROM FINISHED FLOOR TO THE BOTTOM OF THE LUMINAIRE, UNLESS OTHERWISE NOTED.
7. FOR ALL THE LINEAR LUMINAIRES, EXACT LENGTH TO BE DERIVED FROM THE ARCHITECTURAL CONDITIONS WITHIN WHICH THEY ARE INSTALLED.
8. PROVISIONS FOR THE REMOTE DRIVER SHALL BE MADE IN THE NEAREST ACCESSIBLE LOCATION FOR EASY MAINTENANCE. DISTANCE OF THE DRIVER FROM THE LUMINAIRE SHALL BE MAINTAINED AS PER MANUFACTURER'S RECOMMENDATIONS
9. RELEVANT SERVICES DRAWINGS ARE TO BE READ SIMULTANEOUSLY AND PROVISION OF CUTOUTS / SLEEVES TO BE PROVIDED AS REQUIRED.
10. ALL MANUFACTURERS CONTAINED WITHIN THIS MANUAL ARE PRESENTED TO DEFINE DESIGN DIRECTION AND PERFORMANCE. ALL FINAL SELECTIONS OF MANUFACTURERS SHALL BE AS SPECIFIED OR EQUAL.

OTHER SYMBOLS

NOTE DESIGNATION

1 CONTROL NOTE

LIGHTING LEGEND



RECESSED LINEAR LED PROFILE
MOUNTING LOCATION: FLOOR

LINEAR LED PROFILE
MOUNTING LOCATION: HANDRAIL AND FURNITURE INTEGRATED

WALL SURFACE
MOUNTING LOCATION: WALL

BOLLARD
MOUNTING LOCATION: FLOOR

RECESSED STEP LIGHT
MOUNTING LOCATION: WALL

SURFACE MOUNT LIGHT FIXTURE
MOUNTING LOCATION: CEILING

RECESSED DOWNLIGHT
MOUNTING LOCATION: FLOOR

POLE LIGHT WITH HEADS
MOUNTING LOCATION: FLOOR

DECORATIVE SUSPENDED FIXTURE
MOUNTING LOCATION: CEILING

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2016.36.02.4

DATE	ISSUANCE/REVISIONS
11/27/2023	LAND USE SUBMITTAL

COVER SHEET
EXTERIOR LIGHTING

LD100

16-11-2023 11:46:29

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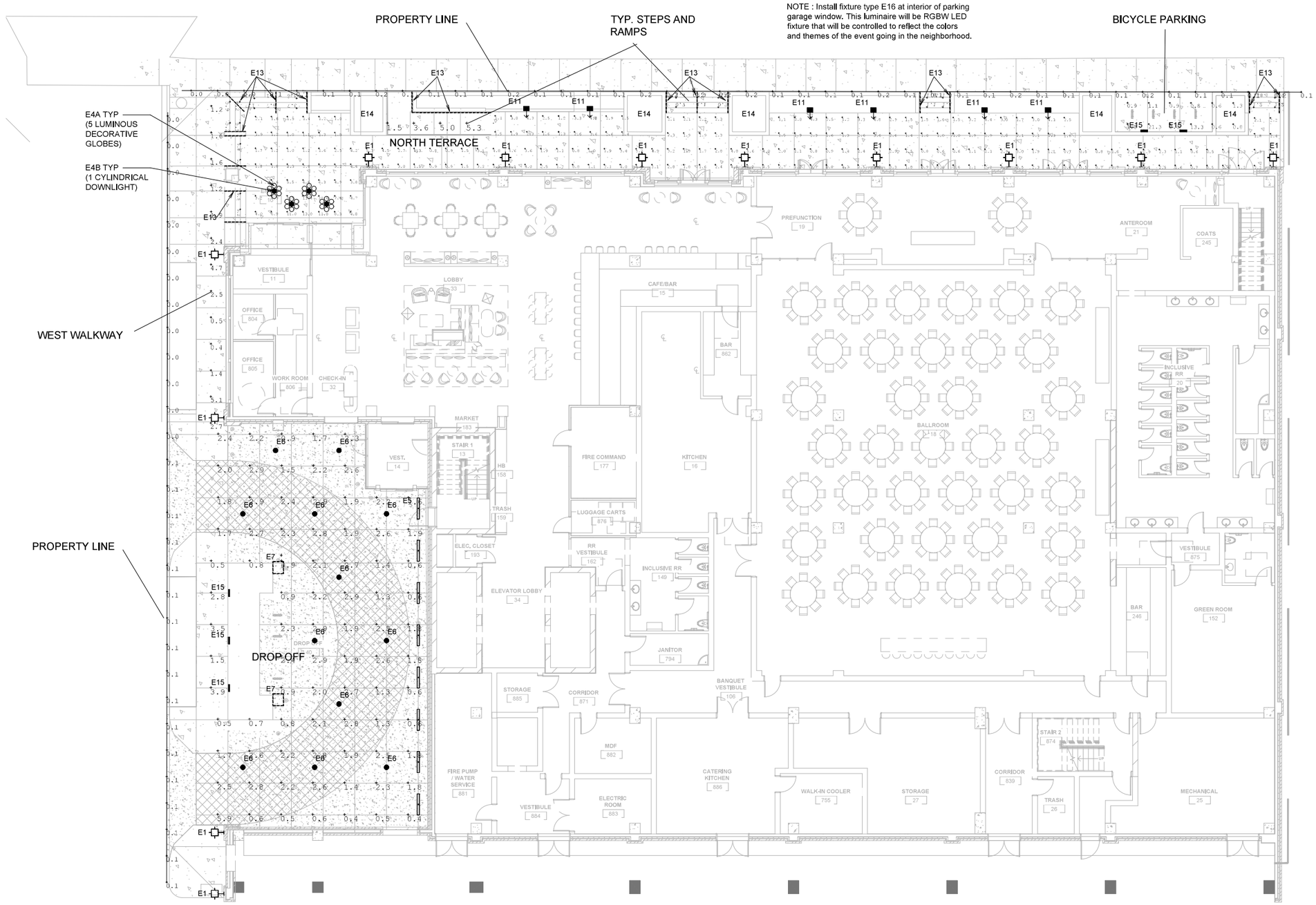

ILLUMINATION LEVELS

SPACE	AVG.	MIN.	UNIFORMITY [AVG/MIN]
NORTH SIDE TERRACE	2.66	0.5	5.32
TYP. STEPS AND RAMPS	2.99	0.6	4.98
WEST WALKWAY	2.09	0.4	5.23
DROP OFF	1.83	0.4	4.58
BICYCLE PARKING	3.83	0.6	6.38
PROPERTY LINE [Grid line 4' above grade]	0.2 [MAX]		

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SITE PLAN
EXTERIOR LIGHTING

LD101

16-11-2023 11:46:29

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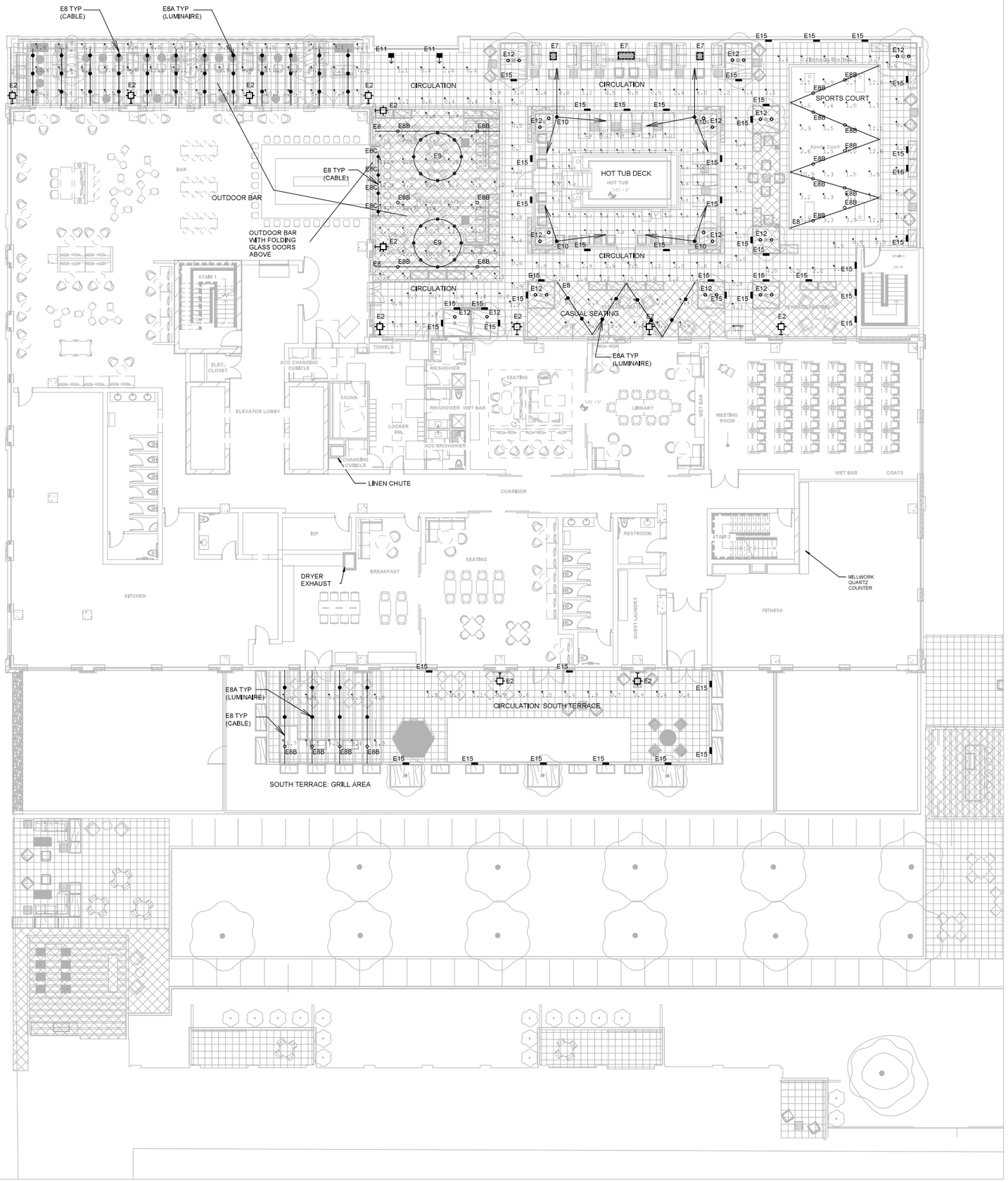

ILLUMINATION LEVELS

CIRCULATION AREAS

SPACE	AVG.	MIN.	UNIFORMITY [AVG/MIN]
NORTH TERRACE: CIRCULATION:	1.51	0.4	3.78
SOUTH TERRACE : CIRCULATION:	0.83	0.4	2.08

ACTIVITY AREAS

SPACE	AVG.	MIN.	UNIFORMITY [AVG/MIN]
NORTH TERRACE: OUTDOOR BAR	7.29	1.2	6.08
NORTH TERRACE: CASUAL SEATING	5.58	2.7	2.07
NORTH TERRACE: HOT TUB DECK	5.04	1	5.04
NORTH TERRACE : SPORTS COURT	5.46	1	5.56
SOUTH TERRACE: GRILL AREA	7.81	4.8	1.63

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LEVEL 6 PLAN
EXTERIOR LIGHTING

LD102

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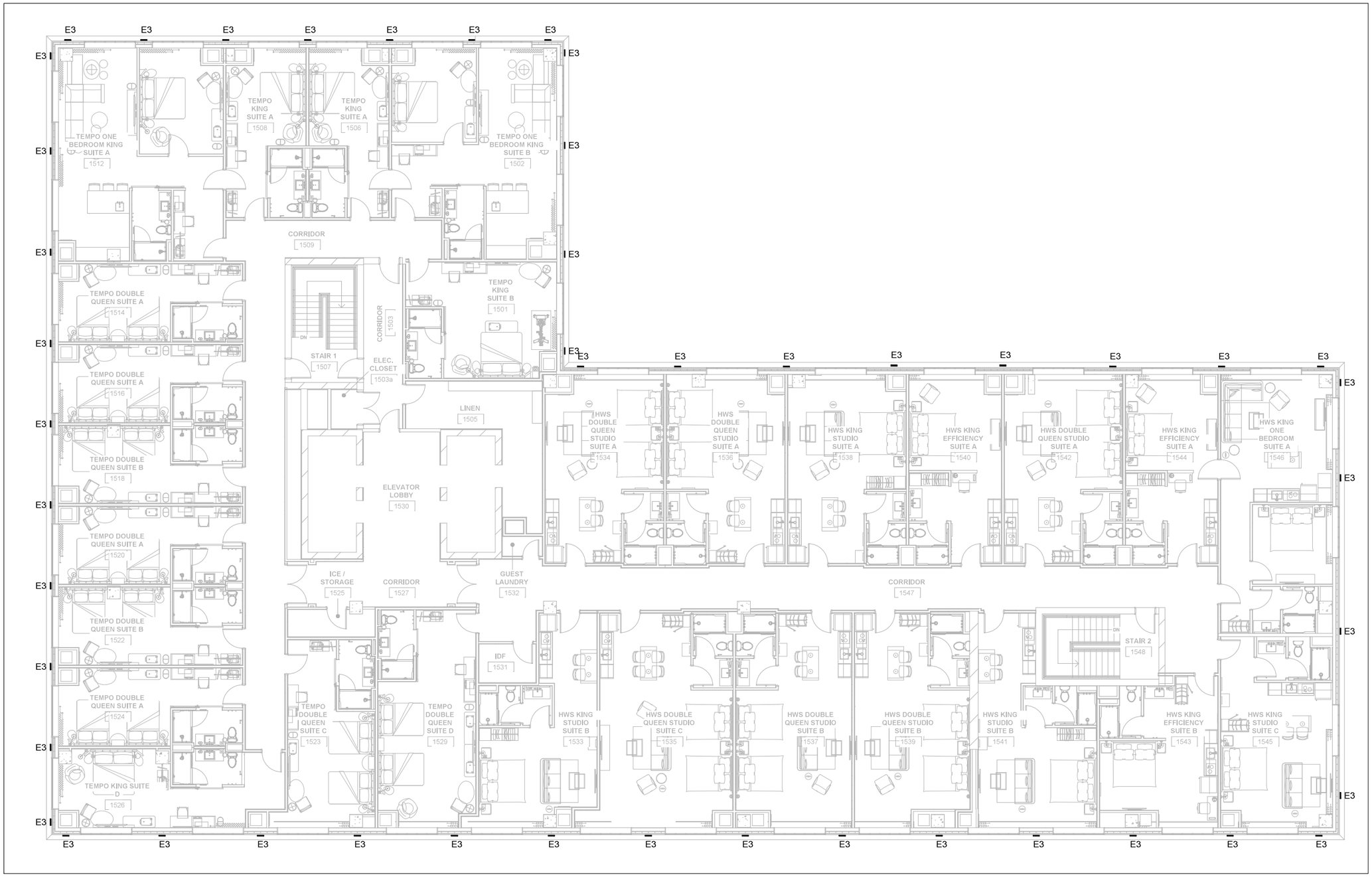
LIGHTING ERGONOMICS



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11/27/2023	LAND USE SUBMITTAL

LEVEL 15 PLAN
EXTERIOR LIGHTING

LD103

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LAND USE SUBMITTAL: EXTERIOR LUMINAIRE SCHEDULE

LUMINAIRE TYPE	LOCATION ON THE PROJECT	PROPOSED LUMINAIRE IMAGE	REFERENCE LUMINAIRE DESCRIPTION AND MANUFACTURER SPECIFICATION	DELIVERED LUMENS (Lm)	WATTAGE (W)	LIGHTING CONTROL [All Exterior lighting will be controlled via programmable Lighting Control system with inputs from photocell and Astronomical time-clock function]	MOUNTING HEIGHT & LAMP SHIELDING NOTE	REMARKS	QUANTITY ON PROJECT
E1	Exterior Wall Fixture @ Street level		4"W x 4"D x 40"H Linear Wall Sconce Which Directs All Luminous Flux Behind the Front face of the Fixture Back on to the wall Surface Surrounding it.	1300 Lm Total - 750 Lm Directed on the Wall Surface on Both Sides of Fixture with Zero Direct View of the Light Source	18 W	ON/OFF	Wall Mount Fixtures at 6'0" Above Grade to Bottom of Fixture	Refer to Lighting Plans for Approximate Locations	10
E2	6th Floor Amenities Space Wall Sconce		8"W x 4"D x 20"H Lonathan Drew Studio Design Via Restoration Hardware: Savile Grand Round Sconce with Lacquered Burnished Brass and Bronze Finish and Crystal Glass Optical Lenses and Prismy 2700K	450 Lm	5 W	ON/OFF	Wall Mount Fixtures at 5'0" to Bottom of Fixture from Finished Deck Surface	Refer to Lighting Plans for Approximate Locations	12
E3	Single Exterior Upper Beam Column Up-light Accent		12" x 3"H Extruded Aluminum Channel with Black Finish Ecosense TROV Series Asymmetric Beam Spread with anti-glare accessory and Front Baffle plate	480 Lm	3 W	ON/OFF	Mount Fixture at the Base of Each Column Aimed Upwards Narrow grazer optics will confine the light close to the building surface and within the roof over-hand. Front baffle plate will ensure zero light trace-pass.	Refer to Lighting Plans for Approximate Locations on All Sides of Building Top	48
E4A&B	Ground Floor Main Entrance Decorative Ceiling Pendant		Custom Lighting Solution TBD by Architect(s). Decorative light elements with luminous globes (E4A) and full cut-off Downlight (E4B) for the functional illumination of the space. Each suspended arm will host five E4A globes and one E4B downlight	E4A: Anticipated Fixture not to Exceed 5 Globes @ 100 Lm E4B: 1 Downlight @ 975 Lm	E4A: 15 W E4B: 11W	ON/OFF	Ceiling Suspended at 12'0" Above Grade to Bottom of Fixture	Refer to Lighting Plans for Approximate Locations	4
E5	Recessed In-Grade Linear Grazing Up-Light in Slab at Main Entrance Porte Cochere		4.88"W x 5"D x 2'L Extruded Aluminum Recessed Wet Location Grazing Up-light (Night) Medley In-grade (MEG) Series: MEG-MO-30K-10ND-48-120-DMA-AS-WL-IP6P	1455 Lm/ft	8 W/ft	0-10 V Dimming	Linear Recessed Fixtures 24" from Target Wall for Even Illumination. Note that this installation is under the building structure.	Refer to Landscape and Lighting Plans for Approximate Locations	17
E6	Ceiling Sculptural Lighting at Main Entrance Porte Cochere		Ceiling System TBD Luminaire Shown as Place holder. Luminaire will be a Full-cut-off Downlight.	7 x 4 Lm	5.6 W	0-10 V Dimming	Ceiling Mounted		**
E7	Landscape Linear Under Furniture Accent Direct Down Lighting		0.7" x 0.7" Charcoal with Encapsulated LED Neon Strip in Lengths Indicated on Landscape Plans. 2.5 Watts per Linear Foot, 176 Lm per Foot. 2400K. Puddlight: Channel Neon Series: HN-UGR-F-2W-120-24K-LL-W	176 Lm/ft	2.5 W/ft	ON/OFF	Luminaire will be concealed mounted in the furniture and aimed downwards to ensure zero tracepass. Remote Mounted Transformers are Required to Power These Low Voltage Light Sources	Refer to Landscape and Lighting Plans for Approximate Lengths and Locations	12 - Runs of Various Lengths
E8	5th Floor Terrace Amenities Space		Bruck Skyline series: Double Cable Self-Healing with Kevlar Coat and Core in Black Finish in Lengths Indicated on Lighting Plans. Cable system for fixtures E8A, E8B and E8C	N/A	Dependent upon Quantity of Fixtures on Each Run	NA	Electrical Contractor to Provide Remote Power Supplies within Building for a Complete Installation. Where Poles are Required for Catenary Cable Suspension, Provide 4" Diameter x 12', Non-Tapered Round Poles with Paint Preference by Architect.	Refer to Landscape and Lighting Plans for Approximate Locations	E8-29 Runs of Various Lengths
E8A, E8B and E8C	6th Floor Exterior Amenities Space		Bruck Skyline series: Luminaires for Cable system E8 - nominal 1-1/8"/18" Dia. Tube with E8B Zoom Optics downlight. E8A and E8C downlights have frosted decorative pieces in the apertures	Type B: Standard downlight is 780 Lm. Manufacturer to custom modify the lumen output to 450 lumens. For type A & C Actual lumens are derated up to 60% by decorative Optical Glass Globe.	10 W (Per luminaire)	0-10 V Dimming	Ceiling Suspended at 9'0" Above Grade to Bottom of Fixture Type E8B is a downlight with a full cut-off optics Type E8A and E8C has decorative element at the aperture which is anticipated to deliver less than 500 lumens with standard fixture and much less with the modified lumens.	Refer to Landscape and Lighting Plans for Approximate Locations	E8A - 56 E8B - 16 E8C - 4
E9	6th Floor Exterior Amenities Space Outdoor Bar		Bruck Skyline series: Cluster of pendant mounted luminaires, identical to type E8A but suspended from the canopy mount that is installed to circular ring above the baffled skyslope	Standard downlight is 780 Lm. Manufacturer to custom modify the lumen output to 450 lumens. Actual lumens is derated up to 60% by decorative Optical Glass Globe.	10 W (Per luminaire)	0-10 V Dimming	Ceiling Suspended at 9'0" Above Grade to Bottom of Fixture Actual body of the luminaire is a downlight with a full cut-off optics Decorative element at the aperture which is anticipated to deliver less than 500 lumens with standard fixture and much less with the modified lumens.	Refer to Landscape and Lighting Plans for Approximate Locations	2 x 9
E10	6th Floor Terrace Pool Area		13'High x 4" Diameter Three-Head Pole light with (3) 5-1/2" Square x 1-3/4"W Fixtures with Low Glare Optical Lenses and Glare Control Louvers and Innovative Drive + Innovative KEEN Series: S153BW-UNV-14 with 12 x 42 Degree Elliptical Beam Distribution with Gray Finish (Custom RAL Color Available) 3000K	3 X 900 Lm	3 X 14 W	0-10 Dimming	Tight focus optics and glare control accessories will ensure zero trace-pass. Coordinate Exact Location with Landscape Architect and Concrete Base Installer.	Refer to Landscape and Lighting Plans for Approximate Locations	4
E11	Low Level Landscape Bollard within Planters for Ground Cover Accent		22-7/8"H x 11-3/8"W x 3-3/8"D Single Sided Landscape Bollard with Bronze Finish 3000K Sistemalux LOOK Series: J7731-S7261-B-UNV-2G-ND	330 Lm	7.9 W	ON/OFF	Also Available with Wood 	Refer to Landscape and Lighting Plans for Approximate Locations	4
E12	Luminaire Tree Up light		3" Diameter Tyne 304 Stainless Steel Fixtureat In Grade Symmetric 42 Degree Comfort Louvered Up light (Custom Light Up Bulb Series: Ou-BPM-MD-B-D-WH	802 Lm (With Heterosymmetric Comfort Louver)	6.5 W	ON/OFF	Provide In-Grade Polypropene Mounting Housing for Each Unit	Refer to Landscape and Lighting Plans for Approximate Locations	26
E13	Landscape Exterior Handrail Integral Lighting		Integral Linear LED Module Lumens: 384 Lm/ft; Ra 80, 3000K CCT ; Wagner Companies Catalog Number: LLCL-308 4ft 120 MA + LumenPod Driver as Required. 120 Degree Beam in Center, 70 Degree at Sides	384 Lm on 5' Centers	3 W/ft	ON/OFF	Refer to Landscape and Architectural Plans and Specifications for Complete System. Only Lighting Equipment and General Electrical information is Provided with this Lighting Document.	Refer to Landscape and Lighting Plans for Approximate Lengths and Locations	18 Locations of Various Type and Length
E14	Landscape Electrical Outlet Provision for Future Upper Tree Wrap/Net Lighting		Provisions in Each Large Planter for Future Installation Controlled with Tree In-Ground Up Light Circuit	N/A	20 Amp Receptacle	ON/OFF	Refer to Landscape Plans for All Large Planter Locations Power Outlet at 19 Locations Required	Refer to Landscape and Lighting Plans for Approximate Locations	19
E15	Landscape Retaining Wall Recessed Step Light		2.52"H x 11.97"W x 2.55"D Linear Steplight with Louver and Sandstone Gray Finish 3000K Targetti: ZEDGE Shielded View: ZE-43-FW-SG-L2-30 with LE3447 (installation Kit)	1130	8	ON/OFF	Mounting Height @15" Above Finished floor	Refer to Landscape and Lighting Plans for Approximate Locations	45
E16	Interior of Parking Garage Window		Nominal 8' long RGBW LED luminaire to illuminate the frosted glass of the Parking Garage Window from inside.	TBD	TBD	DMX Control	Luminaire will be concealed mounted in the interior space, aimed downwards to illuminate the frosted material of the Window glazing	Refer to Landscape and Lighting Plans for Approximate Locations	4

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LUMINAIRE SCHEDULE
EXTERIOR LIGHTING

LD111

16-11-2023 11:46:29

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E1

COOL

Type: SPECIFICATION SHEET

Wall mounted luminaire with symmetric light distribution that provides ambient light on vertical surfaces. Suitable for exterior applications.

Luminaire characteristics:	**Power input:** 13.5W or 24W (System wattage) 11.7W or 18.9W (Source wattage) **Lumens:** 561lm to 963lm (for 3000K: 90CRI) **Luminaire efficacy:** Up to 50lm/W
Source:	LED module (LM-80 tested) 2700K: 90CRI, 3000K: 90CRI, 4000K: 80CRI,
Lumen maintenance:	80% of initial lumens at 70 000 hours (L80)(LM79)
Optics:	Accent light
Material:	Body: Die-cast aluminum Diffuser: Clear tempered glass. Methacrylate concentrating lens combined with a narrow beam shutter is used to achieve a blade of light effect Hardware: Stainless steel screws and silicone gaskets
Mounting:	See mounting options on page 4.
Electrical:	Universal high efficiency electronic LED driver rated at 50 000 hours. 120-277V. See remote led option on page 3
Dimming:	Optional 0-10V (120-277V), down to 10% for integral and remote version. Optional LTE (leading and trailing edge), dim-to 15% for remote version only. See remote dimming options on page 3.
Finish:	White, black, aluminum gray and burnished bronze, white and burnished bronze available with teak wood accent
Weight:	Mini cool 1.37lb (0.62kg) Cool 3lb (1.4kg)
Warranty:	5 year limited warranty
Ratings:	IP54, IK05
Certification:	cULus listed for wet location

E2

SAVILE GRAND ROUND SCONCE

Starting at $1,795 Member / $2,195 Regular

In our Savile collection, renowned San Francisco designer Jonathan Browning has created a masterful study of solid and void. A monumental block of crystal is carved with a concave channel to hold an Edison bulb, and set in a frame of solid brass. The crystal reveals its solidity when illuminated, refracting and reflecting the bulb within, but takes on a weightless transparency when dark.

SHOP THE ENTIRE COLLECTION

Finish Options

Lacquered Burnished Brass | Weathered Zinc | Bronze

VIEW IN-STOCK OPTIONS

DETAILS

- Polished Chrome, Lacquered Burnished Brass and Bronze finishes are handcrafted of sand-cast brass and K9 glass; Weathered Zinc finish is handcrafted of aluminum and K9 glass
- K9 glass is a type of crystal used to make optical lenses and prisms
- Rated for one 5W max. E26 base bulb
- Bulb included
- Dimmer switch compatible
- Mounts vertically
- 110-120V manufactured to US standards for US and Canadian markets
- Certified to Wet UL electrical standard: suitable for use indoors or outdoors, including areas that receive direct contact with rain, snow or excessive moisture
- ADA compliant (not more than 11" when installed)
- Hardware

E3

TROV

OVERVIEW • SPECIFICATIONS • ORDERING | INTERIOR + EXTERIOR | **STATIC WHITE L60 ASYMMETRIC**

DATE | PROJECT | FIRM | TYPE

THE NEXT GENERATION TROV L60 ASYMMETRIC DELIVERS A UNIFORM DISTRIBUTION ACROSS THE ILLUMINATED SURFACE [illegible] LUMINAIRE CAN BE MOUNTED ON ITS SIDE IN A COVE TO THROW LIGHT INTO THE ROOM OR MOUNTED VERTICALLY TO GRAZE A WALL. [illegible] USED AS THE PRIMARY LIGHT SOURCE IN CERTAIN AREAS.

FEATURES:
- KART AUTO-SENSING TECHNOLOGY (ELV, 0-10V, DALI, AND DMX/RDM CONTROL BUILT INTO EVERY FIXTURE.
- 10 POWER LEVELS UP TO 18W/FT.
- LUMEN OUTPUT OVER 2600LM/FT
- FRICTION HINGE ALLOWS INFINITE AIMING FROM 0°-180° AIMING INDICATORS FOR EASIER AIMING
- IP66 FY TOUCH RATED
- TWO STANDARD FINISHES: BLACK & WHITE

MODEL SIZE	INTERIOR/ EXTERIOR	LENGTH	POWER	CCT	MONO COLOR	CRI	VOLTAGE	OPTICS	FINISH
L60	E - Exterior I - Interior	12 - 12in 48 - 48in	02 - 2W/FT 03 - 3W/FT 04 - 4W/FT 06 - 6W/FT 08 - 8W/FT 10 - 10W/FT 12 - 12W/FT 14 - 14W/FT 16 - 16W/FT 18 - 18W/FT	22 - 2200K 27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K 65 - 6500K	95 - RED 96 - GREEN 97 - BLUE 98 - AMBER	80 - 80CRI 90 - 90CRI Listed Black for Nitrile Cables *90 CRI not available in 22K, 35K, or amber	MULT 100-277V(120-347V)	ASYM	X - Blank W - White B - Black S - Silver G - Gold C* - Custom *Brass, Copper, and custom finishes are built to order. Longer lead times apply. Contact factory for quotes.

EXAMPLE: L60-E-12-18-30-80-MULT-10X40

PERFORMANCE

OPTIC	WATT/FT	LUMEN	OUTPUT	EFFICACY	WATT/FT	LUMEN	OUTPUT	EFFICACY
ASYM	18W	1,905 lm/ft	6,214 lm/m	105lm/W	8W	828 lm/ft	2,716 lm/m	100lm/W
ASYM	16W	1,691 lm/ft	5,550 lm/m	110lm/W	6W	650 lm/ft	1,646 lm/m	97lm/W
ASYM	14W	1,478 lm/ft	4,850 lm/m	110lm/W	4W	476 lm/ft	1,036 lm/m	89lm/W
ASYM	12W	1,268 lm/ft	4,238 lm/m	110lm/W	2W	85 lm/ft	215 lm/m	100lm/W
ASYM	10W	1,057 lm/ft	3,467 lm/m	111lm/W				

ALL LUMEN DATA OUTRIGS ARE ESTIMATED FOR 3000K 80CRI FIXTURES. SEE PHOTOMETRIC SPEC SHEET FOR MORE DATA

COLOR RENDERING INDEX 80+ (80)
COLOR CONSISTENCY 3-STEP MACADAM ELLIPSE

LUMEN MAINTENANCE

	REPORTED 25°C L80	L90	L70	80°C L80	L90	L70	CALCULATED 25°C L80	L90	L70	80°C L80	L90	L70
L60-ASYM - 2W/FT-6W/FT	30,301	64,943	>90,000	30,301	64,943	>90,000	30,301	64,943	104,219	30,301	64,943	104,219
L60-ASYM - 8W/FT-18W/FT	30,301	64,943	>90,000	61,601	>108,000	>108,000	30,301	64,943	104,219	61,601	137,941	224,466

MAX RUN LENGTH: Run length is defined by the total length of fixtures connected to one leader cable or wire box. Leader and jumper cable lengths are NOT included in the run length calculations. 0-10V, DALI, and DMX lengths are reduced per protocol standards. ELV does not have a limit, but check with the fixtures manufacturer for the maximum load.

TROV Max Run Length (ft)

VAC (V)	2W	4W	5W	6W	8W	10W	12W	14W	16W	18W
120	242	121	103	140	121	97	81	69	60	54
220	442	221	200	252	221	178	148	127	111	99
277	557	394	352	322	279	224	186	160	140	124

TROV Max Run Length (m)

VAC (V)	2W	4W	5W	6W	8W	10W	12W	14W	16W	18W
120	73.8	52.1	46.6	42.7	36.9	29.6	24.7	21.0	18.3	16.5
220	134.8	95.4	85.4	76.8	67.4	54.3	45.1	38.7	33.6	30.2
277	169.8	120.1	107.3	98.2	85.1	68.3	56.7	48.8	42.7	37.8

PROTOCOL	LIMITATIONS
0-10V	140FT (42.7M)
DALI	64 FIXTURES
DMX	32 FIXTURES

E4A & B

E5

insight lighting | MEDLEY INGRADE (MIG)

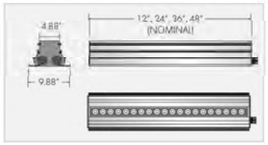
PROJECT: | TYPE: | CAT. #: MIG - A5 -

PROFILE

LIGHT SOURCE	LO (3.5 W/FT), MO (9.0 W/FT), HO (15.0 W/FT)
DISTRIBUTIONS	10°X10°, 100°X100°, ASY
CCT	2200K, 2700K, 3000K, 3500K, 4000K
PERFORMANCE	UP TO 34630 PEAK CANDELA
VOLTAGE	120V OR 277V
POWER	INTEGRATED POWER SUPPLY
CONTROL	0-10V, DMX
HOUSING	EXTRUDED ALUMINUM
LENS	CLEAR TEMPERED GLASS (8 MM)
FINISH	SILVER ANODIZED POWDER COAT FINISH
WARRANTY	5-YEAR LIMITED
PATENTS	PAT.: US D836,815
OPERATING TEMP	20° C – 45° C
LUMEN MAINTENANCE	75,000 HRS L70
CERTIFICATION	ETL AND cETL FOR WET LOCATION IP68 (FOR IMMERSION UP TO 10' FOR 30 MINS) IK10, WALK/DRIVE OVER COMPLIANT UP TO 5000 LBS IN CONCRETE POUR

OPTICAL DISTRIBUTIONS

DIMENSIONS



PERFORMANCE

	12" X 12"	12" X 24"	20" X 20"	40" X 40"	60"
LUMENS	1,024	2,047	2,475	4,951	6,426
CANDELA	17,500	17,043	12,280	3,460	2,199
EFFICACY	75.2 LM/W	77.5 LM/W	90.3 LM/W	86.8 LM/W	86.8 LM/W

ACCESSORIES / OPTIONS

Insight lighting

E6

RISE

OVERVIEW • SPECIFICATIONS • ORDERING | INTERIOR + EXTERIOR | **F080 SINGLE**

DATE | PROJECT | FIRM | TYPE

RISE IS A SYSTEM OF BEAUTIFULLY DESIGNED OUTDOOR RATED LUMINAIRES THAT PROVIDE EFFICIENT AND POWERFUL LIGHT USING THE LATEST IN LED TECHNOLOGY. RISE F080 SINGLE IS A POWERFUL AND COMPACT LED LIGHT FIXTURE, DELIVERING UP TO 1170 LUMENS. THAT CAN BE USED IN SPOT, ACCENT, LANDSCAPE AND FLOODLIGHT APPLICATIONS. ITS UNIQUE MACRO® LOCK FEATURE ALLOWS FOR FULL 180 DEGREE TILT AND 360 DEGREE PAN AIMABILITY USING ONLY ONE TWIST.

FEATURES:
- POWERFUL CBCP
- EXTREMELY COMPACT
- POWERFUL OUTPUT UP TO 1170 LUMENS
- MACRO™ LOCK - 180° TILT AND 360° PAN
- 12 UNIQUE BEAM ANGLES
- MULTIVOLT (110 V-277 V)
- 8 CCTS: 2200K THROUGH 6500K
- 80+ AND 90+ CRI
- DIMMABLE TO 5%
- IP66 RATED

FIXTURE MODEL	FIXTURE CONFIG.	POWER/ LUMEN OUTPUT*	CCT/ COLOR	CRI	BEAM ANGLE	FINISHES	ACCESSORIES	WIRING AND MOUNTING
F080	S - Single Head	LO - Low Output MO - Medium Output HO - High Output	22 - 2200K 35 - 3500K 27 - 2700K 30 - 3000K 40 - 4000K 50 - 5000K 65 - 6500K RD - Red GR - Green BL - Blue AM - Amber *2200K and 3500K not available in 40°, 60°, 70° and 90°	8 - 80 9 - 90* V - Tw (90) GR, BL, AM *90 CRI not available in 2200K, 3500K, 5000K and amber	05 - Laser Spot (5°) 10 - Very Narrow Spot (10°) 15 - Narrow Spot (15°) 20 - Spot (20°) 30 - Flood (30°) 40 - Medium Flood (40°) 70 - Wide Flood (70°) 90 - Very Wide Flood (90°) E1 - Elliptical 1 (15°x50°) E2 - Elliptical 2 (30°x80°) E3 - Elliptical 3 (40°x90°) E4 - Elliptical 4 (60°x120°)	B - Black Z - Bronze S - Silver W - White G - Gold *Powder Coat, P-	A - No Accessory H - Hood Shroud T - Tint Shroud *All Hoods & Tints sold Black	A - 10' Pigtail Cables - Internal Cable (C) Bottom Exit, 1/2" NPT ; UL/CE Listed B* - 10' External Cable Side Exit, Surface Mount ; UL Listed C* - 10' External Cable Bottom Exit, Surface Mount - 1/2" NPT ; UL Listed D* - 10' External Cable Side Exit, Surface Mount ; CE Listed E* - 10' External Cable Bottom Exit, Surface Mount - 1/2" NPT, CE Listed *Will ship as A if not specified

EXAMPLE: F080-15-LO-22-8-05-S-X-A

*Fixtures Measurement Lead Time Lumen Data

PERFORMANCE

WATTS	POWER	LUMEN OUTPUT	OPTIC	EFFICACY	CBCP
4	Low Output	309	5°	77	22,017
11.5	Medium Output	531	10°	71	17,892
15.0	High Output	924	20°	62	23,001

ALL LUMEN DATA IS FROM 4000K 90CRI FIXTURES. PLEASE SEE INVENTORY SPREADSHEET FOR ADDITIONAL LUMEN DATA

COLOR RENDERING INDEX 80+ (8)
COLOR CONSISTENCY 3-STEP MACADAM ELLIPSE

LUMEN DEPRECIATION

WATTS	L70 @ 25C	L70 @ 50C	L90 @ 25C	L90 @ 50C
LOW	>60,500* >(109,000)**	>60,500* >(109,000)**	>60,500* >(109,000)**	>60,500* >(109,000)**
MEDIUM	>60,500* >(109,000)**	>60,500* >(109,000)**	>60,500* >(109,000)**	>60,500* >(109,000)**
HIGH	>60,500* >(181,000)**	>36,300*	>60,500* >(69,800)**	>33,200*

* SAMPLE T LUMEN DEPRECIATION CURVE. CONSULT FACTORY FOR LED DEPRECIATION CURVES. ARE BASED ON MEASUREMENTS THAT COMPLY WITH LED LM-80 TESTING. PROJECTIONS ARE CALCULATED USING A STANDARD EXPONENTIAL CALCULATION
** ESTIMATED HOURS

NOTE: Information on this Spec Sheet is subject to change, please visit ecosenselighting.com/downloads/rise for the most updated information

2013

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LIGHTING ERGONOMICS

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NOT FOR CONSTRUCTION

929 East Washington Avenue
Hotel

929 E. Washington Ave.
Madison, WI

2016.36.02.4

DATE	ISSUANCE/REVISIONS
11/27/2023	LAND USE SUBMITTAL

LUMINAIRE CUTSHEET 1
EXTERIOR LIGHTING

LD121

16-11-2023 11:46:29

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E7

FLEX NEON UDF7 BENDS UP/DOWN 0.7" FLAT LENS

24VDC 2W | 5W INDOOR/OUTDOOR STATIC WHITE, WARM DIM & TUNABLE WHITE

PURE EDGE

DESCRIPTION

UDF7 Flexible Neon Bends Up or Down with a 0.7" wide flat lens, offering superior color rendering while creating uniform illumination without pixelation. May be Surface Mounted or Flush Mounted. Choose from 9 different color temperatures ranging from 2200K to 3500K, including two Warm Dim options of 2400K (**24D**) or 2700K (**27D**) and Tunable White (**2K/5K**). Tunable White technology grants independent control for adjusting LED color temperature and brightness. Use with two dimmers or, our proprietary Tunable White Controller (**CDMX-1**) for fast and accurate adjustment with three pre-set scenes (Ordered separately). The (**W**) wet location is an IP67 rated fixture featuring watertight barrel connections. Seamless (**S**) (for continuous seamless runs), is rated for Indoor Damp Location ONLY and uses class 2 bare wire connectors. Patent Pending.

LUMEN PERFORMANCE AT 3000K 5W PER FOOT
(SEE COMPLETE CHART PG 2)

LUMEN OUTPUT	351 lm/ft	EFFICIENCY:	80 lm/watt
CRI	92+	R9	76
BEAM ANGLE	120°	BEAM TOLERANCE:	+/- 300CCT

SPECIFICATIONS
Flat top view 0.8" x 0.5"

INPUT	24VDC with 5" leads
POWER SUPPLIES	Remote 24VDC power supply required
POWER CONSUMPTION	2.5 or 4.4 watts per foot
INCREMENTS	2.4" or 3"
MAX LENGTH	40' at 2 watts, 20' at 5 watts
BENDING	4" Minimum Radius
MATERIAL:	UV Resistant PVC
OPERATING TEMPERATURE	-4° F (-20° C) to 122° F (+50° C)
AVERAGE LED LIFE	50,000 hrs
WARRANTY	5 Year pro-rated
COMPLIANCE:	Class 2 Wiring Indoor Applications, Outdoor Wet Location with Water Tight Barrel Connectors IP67 Rated, ETL listed

REMOTE POWER SUPPLIES*, DIMMERS & CONTROLS (SOLD SEPARATELY)
24VDC, Class 2 wiring

OUTDOOR/WET LOCATION
Static White & Warm Dim
- Pure Smart™ WiZ Pro Power Supplies & Controls
- UNI Driver: Universal Dimming (**TRIAC, ELV, 0-10V**)

Warm Dim
- UNI Driver: Universal Dimming (**TRIAC, ELV, 0-10V**)
- **Make It Smart:** Pure Smart™ Wi-Fi Dimmer

Tunable White
- Pure Smart™ WiZ Pro Power Supplies & Controls
- 0-10V: Requires two dimmers, one for intensity and one for color temperature
- DMX Dynamic Color Changing: Must be used with PureEdge Controllers

INDOOR
Static White & Warm Dim
- Pure Smart™ WiZ Pro Power Supplies & Controls
- UNI Driver: Universal Dimming (**TRIAC, ELV, 0-10V**)

Warm Dim
- UNI Driver: Universal Dimming (**TRIAC, ELV, 0-10V**)
- **Make It Smart:** Pure Smart™ Wi-Fi Dimmer

Tunable White
- Pure Smart™ WiZ Pro Power Supplies & Controls
- 0-10V: Requires two dimmers, one for intensity and one for color temperature
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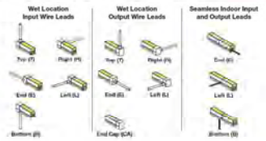

System	Viewing Angle Model Shape	Wattage	Length in Inches	Color Temperature	5" Input Wire Feed	5" Output Wire	Environment
FN	UDF7	2W	120	27K	E	L	W

FN: Flex Neon 24V
UDF7: Up or Down Bend Flat top Wire 0.8" x 0.5"
2W: 2.5 watts per foot; 5W: 5 watts per foot
6-480 (408 max); 6-240 (208 max)
24K: 2400K Very Warm White; 24D*: 2400K Warm Dim, Dims to 1800K; 27K: 2700K Incandescent White; 27D*: 2700K Warm Dim, Dims to 2000K; 30K: 3000K Warm White; 35K: 3500K Neutral White; 2K/5K*: Tunable White 2000K-6500K; 27K/5*: Tunable White 2700K-6500K
T: Top Power Input Wire; E*: End Power Input Wire; L*: Left Power Input Wire; R: Right Power Input Wire; B*: Bottom Power Input Wire
T: Top Wire Lead Out; E*: End Wire Lead Out; L*: Left Wire Lead Out; R: Right Wire Lead Out; B*: Bottom Wire Lead Out; CA**: Cap at end, no feed through
S: Seamless Indoor/ Damp location bare wire leads Bottom and Left Feed Only; W: Outdoor wet location Barrel Connector cable leads

2K/5K & 27K/5: Tunable White; 2.4" Increments; Warm Dim 3" increments
*Wet Only
*Seamless Indoor S, L, B Only
**No output feed wire for Indoor Seamless

PROJECT | FIXTURE TYPE | DATE

www.PureEdgeLighting.com | Phone: 773.770.1195 | 1718 W. Fullerton Ave. Chicago, IL 60614
PureEdge Lighting reserves the right to modify this specification without prior notice

E8

bruck

SKYLINE SYSTEM

Skyline Outdoor/Indoor Catenary Cable IP67 System Hardware

CABLE ORDERING CODE

SERIES	SKY
TYPE	SKY-CABLE

ORDERING CODE

Follow the steps to specify your fixture, example:
SKY / SKY - CABLE

DESCRIPTION

SKYLINE is a lightweight, highly versatile, and exceptionally elegant catenary system for indoor and outdoor applications. Up to 780 lumens from a 1" aperture cylinder, SKYLINE enables safe, reliable, clutter-free catenary on strong woven Kevlar, self-healing cable with marine grade, hard anodized aluminum fixture housings. Applications are endless, from outdoor gathering spaces to indoor accent lighting for retail and hospitality.

MOUNTING
- Twin cable powered suspended catenary system.
- Kevlar / Copper cable braid, breaking strength of 100Kg / 220lbs.
- Hydrolysis UV resistant TPE outer jacket, Black
- Dim over power, 0-10V
- Ambient operating temperatures Min. -40° F / Max 131° F.
- Kevlar Cable (set of 2): 0.022 lbs. / 0.35 oz. per foot.
- Turnbuckles (set of 2): 0.175 lbs. / 2.80 oz.
- Drain flutes (set of 4): 0.050 lbs. / 0.80 oz.
- Wall mounting plate: 0.087 lbs. / 1.39 oz.
- Eyebolt: 0.055 lbs. / 0.88 oz.
- Pole/Tree strap: 0.28 lbs. - 0.5 lbs. / 4 oz. - 8 oz.

LISTING
- ETL us listed to UL2108 (suitable for dry, damp and wet locations)
- cETL listed to CSA C22.2 #250.0

v.8.3.25 | Skyline | Page 1 of 4

E8A,B & C

bruck

SKYLINE

Outdoor / Indoor Catenary Fixture IP67
Standard White Pendant

ORDERING CODE

EFFECTIVE PROJECTED AREA RATINGS (EPA)

FEATURES

HOUSING

MOUNTING

ELECTRICAL /CONTROLS

LISTING

LED INFO

Potter Lawson
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LIGHTING ERGONOMICS

E9

bruck

SKYLINE

Outdoor / Indoor Catenary Fixture IP67
Standard White Pendant

ORDERING CODE

EFFECTIVE PROJECTED AREA RATINGS (EPA)

FEATURES

HOUSING

MOUNTING

ELECTRICAL /CONTROLS

LISTING

LED INFO

E10

KEEN

Collection of pole mounted projector with minimal design for urban lighting. Suitable for a wide range of exterior architectural applications. Exceptional European build quality with high corrosion resistant finish.

Luminaire characteristics:	**Power input:** 16W **Lumens:** 1000 lm (delivered for 3000k) **Luminaire efficacy:** 60 lm/W
Source:	White LED (LM-80 Tested) 3000K; 90CRI 4000K; 90CRI
Lumen maintenance:	70% of initial lumens at 50 000 hours (L70) (LM-79 tested)
Optics:	Available in Narrow Spot, Narrow Flood or Ellipse with rotation around 3 axis. See details on page 3.
Material:	Body: Die-cast Aluminum Diffuser: Clear toughened glass Hardware: Stainless steel screws and silicone gaskets
Mounting:	Install on 4" (100mm) diameter pole. Supplied with 20ft of power cable.
Electrical:	Integral high efficiency electronic power supply, rated at 50 000 hours, 120-277V.
Finish:	White or Aluminium gray. Painted finish follows a double powder paint in 3 step process. Surface treatment containing ceramic nano particles (Bonderite); Epoxy primer paint. Polyester powder paint with high resistance against UV rays and harsh weather conditions.
Weight:	4 lib (2 kg)
EPA:	0.25ft² (0.023m²)
Warranty:	5 year limited warranty.
Ratings:	IP65, IK08
Certification:	cULus listed for wet location.

SISTEMALUX

E11

LOOK
BOLLARD FAMILY

Type: SPECIFICATION SHEET
Project:
Page 1 of 6

Ground mounted bollard suitable for walkways and paths, being a valid alternative to a wall mounted illumination.

Luminaire characteristics:	**Power input:** 12.5W to 49W **Lumens:** 333lm to 938lm (for 3000K, 60CRI) **Luminaire efficacy:** Up to 29lm/W
Source:	LED module (LM-80 tested) 2700K; 60CRI 3000K; 60CRI 4000K; 60CRI
Lumen maintenance:	50% of initial lumens at 70 000 hours (L70)(LM80)
Optics:	Accent light. Diffuser: Toughened glass.
Mounting:	Install with flange accessory or fasten to ground.
Electrical:	High efficiency electronic LED driver, rated at 50 000 hours, 120-277V.
Dimming:	0-10V (120-277V), down to 15%.
Finish:	White, aluminium gray, burnished bronze or anthracite gray painted finish, following a double powder paint in 3 step process surface treatment containing ceramic nano particles (Bonderite) Epoxy primer paint. Polyester powder paint with high resistance against UV rays and harsh weather conditions. White and burnished bronze available with teak wood accent.
Weight:	Mini look bollard: SL320R: 6.61lb (2.82kg) SL321: 12.7lb (5.76kg) S7206: 3.3lb (1.5kg) S7211: 7.94lb (3.6kg) Mini look bollard double: S7215: 3.3lb (1.5kg) S7220: 7.94lb (3.6kg) Look bollard: S7200: 10.4lb (4.7kg) S7201: 15.4lb (7kg) S7202: 20.3lb (9.2kg) Look bollard double: S7205: 12lb (5.5kg) S7208: 17lb (7.7kg) S7207: 22lb (9.9kg)
Warranty:	5 year limited warranty.
Ratings:	IP65, IK08
Certification:	cULus listed for wet location

DM-R0 Last update: November 18, 2022
Due to continuous improvements, the information herein may be changed without notice
9320 Boul. St-Laurent, suite 100, Montréal (Québec) Canada H2N 1N7, P.: 514.523.1339 F.: 514.525.6107 www.sistemalux.com

SISTEMALUX

PRELIMINARY
NOT FOR CONSTRUCTION

929 East Washington Avenue
Hotel

929 E. Washington Ave.
Madison, WI

2016.36.02.4

DATE	ISSUANCE/REVISIONS
11/27/2023	LAND USE SUBMITTAL

LUMINAIRE CUTSHEET 2
EXTERIOR LIGHTING

LD122

10-11-2023 11:46:29

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E12

Light Up Orbit

Flush mounted

Type: SPECIFICATION SHEET
Project:
Page: 1 of 11

Collection of compact exterior luminaires for architectural lighting. Rugged stainless steel construction, with tempered glass lens, these luminaires are designed to perform in extreme conditions. This serie is available in 3 sizes, that can be installed for all in-ground application. Complete range of optic distributions for accent lighting, effects lighting and markers.

Luminaire characteristics:	**Power input:** 1W to 8.5W (fixture wattage) **Lumens:** 7lm to 541lm (for 3000K, 80CRI) **Luminaire efficacy:** Up to 106lm/W
Source:	LUXEON LED module (LM-80) 2700K: 80CRI, 3000K: 80CRI, 3500K: 80CRI, 4000K: 80CRI
Lumen maintenance:	ILUF28: 90% of initial lumens at 100 000 hours (L90) ILUF50: 80% of initial lumens at 89 000 hours (L80) ILUF80: 80% of initial lumens at 89 000 hours (L80)
Optics:	Spot, medium, flood, wide flood with Opti Beam technology (comfort versions delivered with an integrated hex cell louver). Wall washer, diffuse, elliptical or light blade.
Material:	Body and frame : AISI 304 stainless steel Diffuser: 6 to 8 mm extra-clear or opal sodium-calcium tempered glass. Optics: PMMA lens or PIF film for diffuse optic. clear, black or metalized polycarbonate reflector
Mounting:	Ground recessed installation using polypropylene back box with AISI 304 stainless steel ring (to be ordered separately). Supplied with 6ft (1.8m) long outdoor rated power cable. 12" of gravel is required below the luminaire to allow proper drainage.
Electrical:	High efficiency LED driver, rated at 50 000 hours. See remote LED driver options on page 3-5.
Finish:	Stainless steel, gold/brass, bronze and burnished chrome.
Weight:	ILUF28: 0.42lb (0.19kg) ILUF50: 1.30lb (0.59kg) ILUF80: 3.15lb (1.43kg)
Load capacity:	4 409lb (2 000kg)
Glass surface temperature:	104°F (40°C)
Operating temperature:	ILUF28: -13 to 95°F (-25 to 35°C) ILUF50: -13 to 122°F (-25 to 50°C) ILUF80: -4 to 95°F (-20 to 35°C)
Warranty:	5 year limited warranty
Ratings:	ILUF28: IK09, IP66, IP68* ILUF50: IK07, IP66, IP68* ILUF80: IK09, IP66, IP68* * Complete immersion for 10 minutes, not suitable for use in swimming pools or fountains.
Certification:	cULus listed for wet location.

DM - R7 Last update: June 14, 2023

iGuzzini

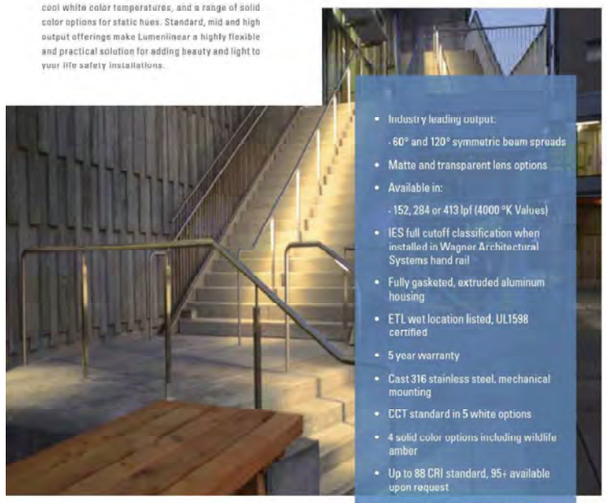
Due to continuous improvements, the information herein may be changed without notice
9320 Boul. St-Laurent, suite 100, Montréal (Québec) Canada H2N 1N7, P. 514.523.1339 F. 514.525.6107 www.iguzzini.com/us

E13

LUMENLINEAR™ SYMMETRIC

ANOTHER LUMENRAIL® COMPONENT FOR LIFE SAFETY AND LIGHT

Our linear product is a state-of-the-art, low-voltage LED light fixture that provides exceptional lighting performance to enhance any stairway, ramp or walkway application. Its soft light provides ample illumination for safety and ambiance without the glare or harshness of overhead lighting. Available with warm, neutral or cool white color temperatures, and a range of solid color options for static hues. Standard, mid and high output offerings make Lumenlinear a highly flexible and practical solution for adding beauty and light to your life safety installations.



- Industry leading output:
  - 60° and 120° symmetric beam spreads
- Matte and transparent lens options
- Available in:
  - 152, 284 or 413 lpf (4000 °K Values)
- IES full cutoff classification when installed in Wagner Architectural Systems hand rail
- Fully gasketed, extruded aluminum housing
- ETL wet location listed, UL1598 certified
- 5 year warranty
- Cast 316 stainless steel, mechanical mounting
- CCT standard in 5 white options
- 4 solid color options including wildlife amber
- Up to 88 CRI standard, 95+ available upon request
- 14 standard lengths from 6" to 80"

WAGNER ARCHITECTURAL SYSTEMS

LMLD SUMM R4 // WAGNERARCHITECTURAL.COM

E14

Low Profile Enclosure

GARD-N-POST™

WITH EXTRA DUTY WEATHERPROOF IN USE COVER

GPD19 19.5"

Arlington's low profile GPD19 Gard-N-Post enclosure costs about the same as multiple piece assemblies, but it looks a lot better, and installs faster and easier.

- Ships with a **clear extra-duty weatherproof in-use cover**, GFCI and duplex wall plate – no gasket required
- Four permanent, damage-resistant colors
- Made of heavy-duty, UV-rated plastic
- 19.5" tall
- UL Listed enclosure – Meets 2014 NEC extra-duty code requirements

Features for EXTRA-DUTY Code Compliance

GPD19

Extra-Duty Built-in Weatherproof Cover

UL Listed Enclosure

Reinforced Hinge

allows cover to comply with extra-duty code requirements of 2014 NEC

Look Great OUTDOORS!

Why install boxes like this? ...when you can

GPD19 19.5" (500mm)

CATALOG NUMBER	UPC/DCI/NACD ARTC. ARTIKEL	COLOR	UNIT PACK	STD PACK
GPD19B	77020	Black	1	6
GPD19BR	77021	Brown	1	6
GPD19G	77022	Green	1	6
GPD19W	77023	White	1	6

Includes: Gard-N-Post with Self Contained in-use cover, GFCI wall plate

UL CSA CSA Listed with screwless lugs

Arlington

11

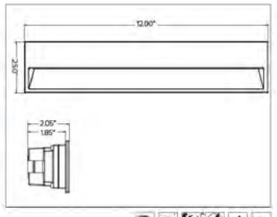
E15

TARGETTI

ZEDGE LINE

Recessed Direct View Linear Line Voltage Steplight

Shown in Ferrite Grey finish



CONCEPT

Recessed LED steplight for indoor and outdoor applications.
Designed in collaboration with Gensler as Product Design Consultant.

MECHANICAL CHARACTERISTICS

Housing	2.50"H x 12.00"W x 2.05"D
Materials	Die-cast anodized aluminum body and external powder coated frame
Finish	Textured finish. Ferrite Dark Grey · Heritage Brown · Bronze · Black · White · Sandstone Grey
Power Connection	Pre-wired with 6" lead for direct line voltage and dimming connection.
Mounting	To be completed with installation back box for flush or semi-flush installations
BUG	B0–U0–G0
Weight	1.54lbs
Protection	IP66
Impact	IK10

CERTIFICATIONS

cULus Wet Location Listed.
Installed in accordance with Ul 1598.
Compliant for California Installations:
RoHS 2 & EU 2015/863

WARRANTY

5 year limited warranty

SUSTAINABILITY

Luminaire designed for disposal/re-cycling at end-of-life. Replaceable LED light source and control gear by a Targetti technician.

ELECTRICAL CHARACTERISTICS

Power Supply	Integrated 4T smart driver (Non dimmable / 0-10V / Reverse Phase / Forward Phase). Dimmable to <10% via 0-10V or <10% via Phase.
Wattage	9W
Voltage	Universal Voltage 120-277V AC 50/60Hz
Operating Temp.	-25°C / +25°C

SOURCE

LED High efficiency Board

TM30	CCT (Nominal)	CRI	Rf	Rg	SDCM
	2700K	80	83	97.3	2
	3000K	80	82.9	97	2
	3500K	80	83.6	96.5	2
	4000K	80	84	95.7	2

Ra90 available upon request

OPTIC

Polycarbonate opal lens for uniform optical distribution on the floor and excellent visual comfort.

Beam		88°x48°
Delivered Lumens	2700K	230Lm
	3000K	240Lm
	3500K	250Lm
	4000K	257Lm
Efficacy		31Lm/W max. Refer to photometric graphs for specific values
Lifetime		L95/B10 30,000hrs at max TA +25°C L99/B10 50,000hrs at max TA +25°C
Photobiological Classification		Low risk photobiological safety RG1

E16

insight lighting

MEDLEY X

PERFORMANCE LINEAR | COLOR CHANGING + ACTIVE WHITE

PROJECT TYPE CATALOG # MX Q

PROFILE

OUTPUT	LO (3.5W/FT) · MO (9.0 W/FT) · HO (15.0 W/FT)
OPTICS	30° X 30° · 60° X 60° · 90° X 90° · 20° X 30° · 20° X 60° · 40° X 40° · 40° X 80° · 40° X 90° · 50° X 50° · 50° X 90° · 80° X 80° · ASY
CCT	4000K (4000K/FOSA/FOSA - AVAILABLE IN TUNABLE 2.5K-6.5K)
VOLTAGE	UNIVERSAL (120-277V)
POWER	REMOTE POWER SUPPLY
CONTROL	DMX FIXTURE SYSTEM, DIM FT BY FT RESOLUTION
DIMENSIONS	1.25" x 4.25"
HOUSING	EXTRUDED ALUMINUM HOUSING
LENS	TEMPERED GLASS
FINISH	HIGH DURABILITY POWDER COATING
WARRANTY	5-YEAR LIMITED
OPERATING TEMP	-20°C TO 30°C (PLEASE CONTACT FACTORY FOR EXTREME TEMPERATURES)
LUMEN MAINTENANCE	75,000 HOURS
CERTIFICATION	ETL AND cETL FOR WET LOCATION, CLASS 1, IP67

IP67

FIXTURE SHOWN

NITRO COLOR TECHNOLOGY

25-33% Traditional Color Changing

100% Nitro Color

QUAD CLUSTER LED CONFIGURATION

PROFILE

9.00" MIN 48.00" MAX

FNS 3.25" 1.25"

12", 24", 36", 48" (NOMINAL)

CES 6.00"

PERFORMANCE SAMPLE

# HIGH OUTPUT	4000K (80 CRI)	80	5,000K	90	6,500K
DISTRIBUTION	30°X30°	60°X60°	30°X30°	60°X60°	30°X30°
LUMENS	2400	2384	2850	2812	3267
EFFICACY LM/W	40.0	39.69	47.48	46.8	54.45
TEMP GRADIENT	2.0°C	0.8°C	2.8°C	1.9°C	3.0°C

Revised October 31, 2022
Specifications subject to change without notice.

Insight Lighting
4340 Falcon Way NE, Rio Rancho, New Mexico 87144
P. 505.345.0888 | insightlighting.com

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LIGHTING ERGONOMICS

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929 East Washington Avenue
Hotel

929 E. Washington Ave.
Madison, WI

2016.36.02.4

DATE	ISSUANCE/REVISIONS	△
11/27/2023	LAND USE SUBMITTAL	

LUMINAIRE CUTSHEET 3
EXTERIOR LIGHTING

LD123

16-1-2023 11:46:29

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