Beem

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SUBMITTAL TRANSMITTAL

Interior Lighting

Section 26 5100 · Product data

PROJECT **Community Building & Restrooms**	SPECIFICATION SECTION **26 5100**	SUBMITTAL NUMBER **26 5100-01**
SUBMITTAL TYPE **Product data**	REFERENCE DRAWING **E-601**	REVISION **01**
SUBMITTED BY **Subcontractor of record**	SUBMITTED TO **General contractor**	TRADE **Electrical**

CONTENTS

Luminaire types submitted	9
Manufacturer data sheets	5
Total pages	16

CONTRACTOR CERTIFICATION

The products listed have been reviewed for conformance with the contract documents and coordinated with related work. Each data sheet has been marked by the undersigned to indicate the model and options submitted.

SUBMITTED BY _____ DATE _____

REVIEW ACTION

☐ Reviewed ☐ Reviewed as noted

☐ Revise and resubmit

BY _____ DATE _____

Sample copy. Project, owner, architect and engineer identification removed. Manufacturers, catalog numbers and specification references unchanged.

Index of submitted items

ITEM	TYPE	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	DATA	SHEET
01	A1	2×4 LED flat panel	Elite Lighting	24-FPL1-LED-5000L-DIM10-MVOLT-35K-85	4	5
	A1 EM			24-FPL1-LED-5000L-DIM10-MVOLT-35K-85-O-EMG-LED-10W	4	5
02	A2	2×2 LED flat panel	Elite Lighting	22-FPL1-LED-5000L-DIM10-MVOLT-35K-85	6	7
	A2 EM			22-FPL1-LED-5000L-DIM10-MVOLT-35K-85-O-EMG-LED-10W	6	7
03	B1	Linear vapor-tight	ILP	WTZ8-6L-U-40-SPCL-SS-TPS	8	9
	B2			WTZ4-4L-U-40-SPCL-SS-TPS	8	9
04	C1	6" round downlight	Elite Lighting	HH6-LED-3000L-DIM10-MVOLT-MWD-35K-90	11	12
	C1 EM			HH6-LED-3000L-DIM10-MVOLT-MWD-35K-90-INTG-EMG-LED-10W	11	12
05	EX1	Edge-lit exit sign	Evenlite	SOVII-EM-G-1M-BA-SW-UC	13	14

Luminaire schedule

Interior luminaires and exit signs scheduled on drawing E-601. Exterior types on the same schedule are submitted under a separate package.

TYPE	DESCRIPTION	MANUFACTURER	WATTS	VOLTS	CCT
A1	2×4 LED flat panel	Elite Lighting	38W	277V	3500K
A1 EM	2×4 LED flat panel	Elite Lighting	38W	277V	3500K
A2	2×2 LED flat panel	Elite Lighting	50W	120V	3500K
A2 EM	2×2 LED flat panel	Elite Lighting	50W	120V	3500K
B1	Linear vapor-tight	ILP	47W	277V	4000K
B2	Linear vapor-tight	ILP	47W	277V	4000K
C1	6" round downlight	Elite Lighting	31W	277V	3500K
C1 EM	6" round downlight	Elite Lighting	31W	277V	3500K
EX1	Edge-lit exit sign	Evenlite	3.6W	277V / 6V DC	—

ITEM 01 · PRODUCT DATA

2×4 LED flat panel

A1

A1 EM

2'×4' flat panel, white housing, white acrylic lens, aluminum frame, 0-10V electronic dimming driver. Type A1 EM furnished with 90 minute integrated emergency battery.

MANUFACTURER	CATALOG NUMBERS SUBMITTED	
Elite Lighting	A1	24-FPL1-LED-5000L-DIM10-MVOLT-35K-85
	A1 EM	24-FPL1-LED-5000L-DIM10-MVOLT-35K-85-O-EMG-LED-10W

ITEM	SPECIFIED	SUBMITTED	
Fixture size	2'-0" x 4'-0"	24	CONFORMS
Series	Edge-lit LED flat panel	FPL1-LED	CONFORMS
Lumen package	5000 lumens nominal	5000L	CONFORMS
Dimming	0-10V	DIM10	CONFORMS
Supply voltage	277V	MVOLT, 120-277V	CONFORMS
Color temperature	3500K	35K	CONFORMS
Color rendering	85 minimum	85	CONFORMS
Emergency, Type A1 EM	90 minute integrated battery	O-EMG-LED-10W	CONFORMS

SCHEDULED TYPE	REFERENCE DRAWING	SPECIFICATION REFERENCE
A1, A1 EM	E-601	Section 26 5100 §1.5.C, §2.2.B, §2.2.H.1, §2.2.I.1-3, §1.9.B

Manufacturer data sheet follows, 1 pages

Elite Lighting 24-FPL1-LED-5000L-DIM10-MVOLT-35K-85 / 24-FPL1-LED-5000L-DIM10-MVOLT-35K-85-O-EMG-LED-10W

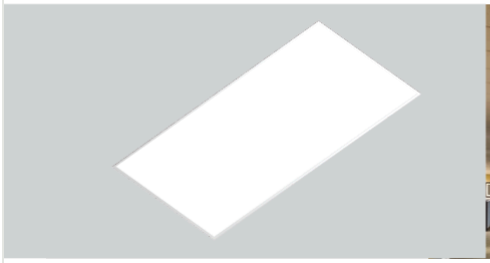
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ORACLE LIGHTING
By Elite Lighting

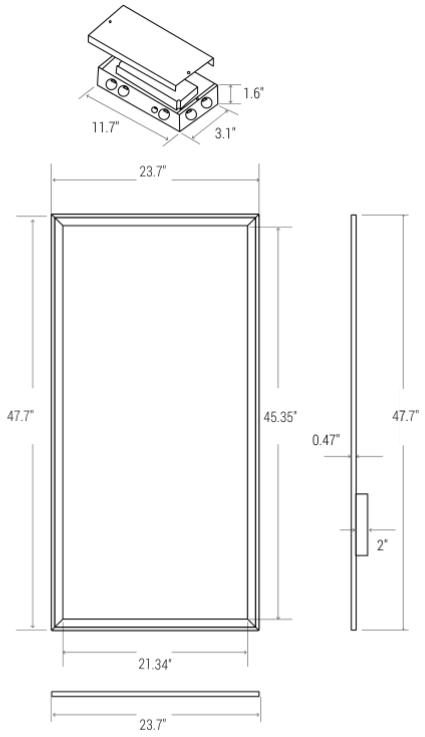
24-FPL1-LED

2' x 4' Edge-Lit Architectural LED Flat Panel Edge-Lit

2'x4'







FEATURES

This fully luminous edge-lit LED flat panel delivers exceptional performance and aesthetically pleasing optics, optimizing shallow plenum spaces. Perfect for new construction applications or retrofitting existing fluorescent troffer luminaires. It offers a range of dimming, lumen and CCT options. Perfect for either recessed or surface mounted installations, it's an ideal choice for commercial office space, retail merchandising, educational, and healthcare facilities.

LUMENS	4000, 5000, 6000
CCT	30K, 35K, 40K, 50K
CRI	85+
UGR	<19
COLOR QUALITY	3 Step MacAdam Ellipse
SIZE	2'x4', 2'x2', 1'x4'
MOUNTING	Recessed, Suspended, Surface Mount
DIMMING & CONTROL	0-10V Flicker Free 1% Dimming Standard (DIM10)
EMERGENCY	10W - Up to 1000L output (Bodine BSL310) 20W - Up to 2000L output (Bodine BSL20)
LIFETIME	L70 at 60,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
6000	5877	60W
5000	5213	52W
4000	3795	36W

Based on 4000K, 85+ CRI. Actual wattage may vary +/- 5%

IC RATED · DLC QPL LISTED · cULus LISTED · TITLE 24 · PROUDLY ASSEMBLED in AMERICA · QUICKSHIP CONSULT FACTORY · 5 YEARS LIMITED WARRANTY

elite LED LIGHTING

www.iuseelite.com

Due to the changes of constant improvement in LED technology, all details are subject to change without notice. Consult factory for up to date information.

ITEM 02 · PRODUCT DATA

2×2 LED flat panel

A2

A2 EM

2'×2' flat panel, white housing, white acrylic lens, aluminum frame, electronic 0-10V dimming driver.

MANUFACTURER	CATALOG NUMBERS SUBMITTED	
Elite Lighting	A2	22-FPL1-LED-5000L-DIM10-MVOLT-35K-85
	A2 EM	22-FPL1-LED-5000L-DIM10-MVOLT-35K-85-O-EMG-LED-10W

ITEM	SPECIFIED	SUBMITTED	
Fixture size	2'-0" x 2'-0"	22	CONFORMS
Series	LED flat panel	FPL1-LED	CONFORMS
Lumen package	5000 lumens nominal	5000L	CONFORMS
Dimming	0-10V	DIM10	CONFORMS
Supply voltage	120V	MVOLT, 120-277V	CONFORMS
Color temperature	3500K	35K	CONFORMS
Color rendering	85 minimum	85	CONFORMS
Emergency, Type A2 EM	90 minute integrated battery	O-EMG-LED-10W	CONFORMS

SCHEDULED TYPE	REFERENCE DRAWING	SPECIFICATION REFERENCE
A2, A2 EM	E-601	Section 26 5100 §1.5.C, §2.2.B, §2.2.H.1, §2.2.I.1-3, §1.9.B

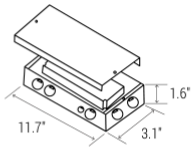
Manufacturer data sheet follows, 1 pages

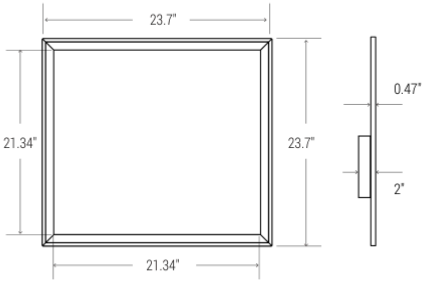
ORACLE LIGHTING
By Elite Lighting

22-FPL1-LED 2'x2'

2' x 2' Architectural LED Flat Panel Edge-Lit







NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
4000	4392	39 W
3000	3309	30 W
2000	2213	19 W

Based on 4000K, 85+ CRI. Actual wattage may vary +/- 5%

FEATURES

This fully luminous LED flat panel delivers exceptional performance and aesthetically pleasing optics, optimizing shallow plenum spaces. Perfect for new construction applications or retrofitting existing fluorescent troffer luminaires. It offers a range of dimming, lumen and CCT options. Perfect for either recessed or surface mounted installations, it's an ideal choice for commercial office space, retail merchandising, educational, and healthcare facilities.

LUMENS	2000, 3000, 4000, 5000
CCT	30K, 35K, 40K
CRI	85+
UGR	<19
COLOR QUALITY	3 Step MacAdam Ellipse
SIZE	2'x4', 2'x2', 1'x4'
MOUNTING	Recessed, Suspended, Surface Mount
DIMMING & CONTROL	0-10V Flicker Free 1% Dimming Standard (DIM10)
EMERGENCY	10W - Up to 1000L output (Bodine BSL310) 20W - Up to 2000L output (Bodine BSL20)
LIFETIME	L70 at 60,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

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elite LED LIGHTING

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ITEM 03 · PRODUCT DATA

Linear vapor-tight

B1

B2

8'-0" (Type B1) and 4'-0" (Type B2) fully enclosed and gasketed linear luminaires, surface mounted, fiberglass housing.

MANUFACTURER	CATALOG NUMBERS SUBMITTED	
ILP	B1	WTZ8-6L-U-40-SPCL-SS-TPS
	B2	WTZ4-4L-U-40-SPCL-SS-TPS

ITEM	SPECIFIED	SUBMITTED	
Series, Type B1	8'-0" linear	WTZ8, 6L	CONFORMS
Series, Type B2	4'-0" linear	WTZ4, 4L	CONFORMS
Supply voltage	277V	U, 120-277V	CONFORMS
Color temperature	4000K	40	CONFORMS
Lens	Shallow polycarbonate, clear	SPCL	CONFORMS
Latches	Stainless steel	SS	CONFORMS
Fasteners	Tamper proof	TPS	CONFORMS
Enclosure rating	Wet location, gasketed	IP65 / IP66 / IP67, NEMA 4X	CONFORMS
Listings	UL 1598	ETL listed, wet location	CONFORMS
Rated life	50,000 hours at L70	L70 greater than 100,000 hours	CONFORMS

SCHEDULED TYPE	REFERENCE DRAWING	SPECIFICATION REFERENCE
B1, B2	E-601	Section 26 5100 §1.5.C, §2.2.B, §2.2.I.1-3, §1.9.B

Manufacturer data sheet follows, 2 pages

Project Name:	Part Number:	Type:

WTZ
NARROW LINEAR VAPOR TIGHT

PRODUCT OVERVIEW SCAN OR CLICK HERE

FEATURES

- Operates reliably in extreme conditions with an ambient temperature range from -40°F to 131°F and a robust fiberglass body.
- Maximizes energy efficiency with efficacy up to 156 lm/W and lumen packages ranging from 2,000 to 24,000.
- Adapts to diverse applications with multiple mounting options, including surface, pendant, wall, and suspended configurations.
- Enhances durability with IP65, IP66, IP67, NEMA 4X, IK10, and NSF certifications, along with a 1500 PSI hosedown rating.
- Offers customizable lighting with multiple lens options for glare reduction and CCTs from 2700K to 5000K in 80 or 90 CRI.
- Supports advanced lighting controls with wireless grouping capabilities and occupancy sensors for optimized energy use.

DIGITAL NAVIGATION

Explore the spec sheet through the links below

ORDERING GUIDE | AMBIENT TEMP. RANGE | LED SYSTEMS TABLE | QUICK SHIP
CONTROLS | LINE DRAWINGS | PHOTOMETRIC DATA



SUITABLE APPLICATIONS

- Coolers & Freezers
- Food & Beverage Prep
- Greenhouse
- Pharmaceutical
- Healthcare
- Education
- Industrial
- Parking Garage
- Natatorium [18]

CERTIFICATIONS

NURO Air Bluetooth Controls · EasySense · legrand · NEMA 4X · NSF · IK10 RATING · IP65 · IP66 · IP67 · TITLE 24 · Buy American Act · 5 YEAR WARRANTY · 10 YEAR WARRANTY · ETL Intertek · DLC LISTED · DLC LISTED PREMIUM

SPECIFICATIONS

CONSTRUCTION
Injection molded one piece 5VA rated fiberglass body with chemical resistant finish for rigidity, durability and prolonged life in rough environments. F1 weatherability rated housing. Toolless removable gear tray for quick and easy access to electrical. Captive latches fastened to housing to safely secure lens to housing. Designed to achieve maximum performance and improved aesthetics.

ELECTRICAL
Class 2 LED light engine for high efficacy and long life. Calculated L70 > 100,000hrs. LED Lumen Maintenance Estimates based on TM-21 projections for the light source at 25C ambient. Power Factor > 0.90. Standard 120-277V ac 0-10V dimmable (10% - 100%) with optional 347V - 480V ac step down transformer. Optional emergency battery backups and generator transfer device available to meet critical life safety lighting requirements. Fixture max ambient reduced for emergency battery backup and step down options.

INSTALLATION
Designed for a variety of mounting applications including surface, pendant, 45 degree wall mount and suspended. Pre-drilled holes on each side of fixture for electrical access and wiring. Hole plugged from factory with rubbed IP rated seal. 1/2" hubs available for threaded power entry from both ends. Toolless hinged removable gear tray for quick and easy access to electrical.

OPTICS
Robust injection molded and impact resistant PMMA lens options for durability and LED glare reduction. Standard Ribbed Acrylic Frosted (RAFL), with optional Smooth Acrylic Frosted (SAFL), Smooth Acrylic Clear (SACL), Smooth Polycarbonate Frosted (SPFL) and Smooth Polycarbonate Clear (SPCL) lens options. Field removeable lens for easy access to LED boards, drivers and maintenance. IK10 rated with SAFL, SACL, SPFL, & SPCL Lenses. IK07 with RAFL lens. 80 CRI Standard (3000K-5000K) with optional 90 CRI (2700K-5000K).

THERMAL
Ambient temperature range -40°F up to 131°F (-40°C to 55°C) on select models with cold start ambient temperature options. Fixture to be mounted at a minimum plenum height of 18" for suspended mounting. Reduced maximum ambient for surface mounting. Reference Ambient Temperature Ratings by lumen package in the Ambient Temperature Range table for more detail.

CONTROLS
Factory installed Advanced & Basic integral occupancy sensor options available. Fully control light levels for both occupied and unoccupied areas with user selectable bi-level dimming options to meet critical life safety lighting requirements. Advanced controls available for grouping capabilities and BAS operation. See controls pg for more detail (pg. 5).

CERTIFICATIONS
ETL Listed to US and Canadian safety standards. Suitable for Wet Locations. American Recovery and Reinvestment Act Funding Compliant. BAA Compliant. IP65, IP66, IP67 Rated. NSF Listed. 1500 PSI Hosedown Rated. NEMA 4X Rated DLC (DesignLights Consortium) Premium Qualified. Please refer to the DLC Qualified Products List at www. Designlights.org/QPL to confirm specific product qualifications.

WARRANTY
5 Year Warranty Standard; 10 Year Warranty Optional (Terms and Conditions apply).

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WTZ
NARROW LINEAR VAPOR TIGHT

ORDERING GUIDE

PART # _____

Example: WTZ4-8L-U-30-RAFL-SS-DIM1-EM10-NURO-SP1-FMB/HUB12

SERIES

WTZ2	2ft Amazon
WTZ4	4ft Amazon
WTZ8	8ft Amazon

LUMENS

2L		
3L		
4L		
6L		
3L	7L	
4L	8L	
5L	9L	
6L	10L	
	12L	
6L	14L	
8L	16L	
10L	18L	
12L	24L	

INPUT VOLTAGE

U	120-277V

CRI/CCT

80CRI/CCT	
50	
40	
35	
30	
90CRI/CCT [17]	
927	
930	
935	
940	
950	

LENS

RAFL	Ribbed Acrylic Frosted (Standard)
SAFL	Smooth Acrylic Frosted
SACL	Smooth Acrylic Clear
SPFL	Smooth Polycarbonate Frosted
SPCL	Smooth Polycarbonate Clear

LATCHES

BLANK	None
SS	Stainless Steel Latches

POWER ENTRY

BLANK	None
EMH1 [10]	1/2" HUB installed in one end of housing for power entry
EMH2 [11]	1/2" HUB installed in both ends of housing for power entry

SECURITY

BLANK	None
TPS	Tamper Proof Screws

ALTERNATE DRIVER

BLANK	None
DIM1	1% Dimming Driver

AMBIENT TEMP

BLANK	None
CT [18]	-40°F Cold Start

EMERGENCY

BLANK	None
EM5 [6]	5W LED Battery Backup
EM5/HE [6,14]	5W LED Battery Backup - CEC Title 20 Compliant
EM7 [6]	7W Battery Backup
EM7/HE [6,14]	7W Battery Backup - CEC Title 20 Compliant
EM10 [6]	10W Battery Backup - CEC Title 20 Compliant
EM10/HE [6]	10W Battery Backup - CEC Title 20 Compliant
EM10/HE/SD [6]	10W Self-Diagnostic Battery Backup - CEC Title 20 Compliant
EM12 [6]	12W Battery Backup
EMCT14 [7]	14W LED Cold Temp Battery Backup; -4°F (-20°C) - CEC Title 20 Compliant
GTD [7]	Generator Transfer Device

CONTROLS OPTIONS

BASIC

BLANK	None
WLOS [3,5]	Wet-Location Rated On/Off End Mounted Occupancy Sensor
WLOSPC [3,5]	Wet-Location Rated On/Off End Mounted Occ Sensor w/ Photocell
USBD [3,5]	User Selectable Bi-Leveling Dimming End Mounted Sensor
BDxx [3,5]	Preset Bi-Level Dimming End Mounted Sensor
BDxxPC [3,5]	Preset Bi-Level Dimming End Mounted Sensor w/ Photocell
MWS [2,3,4,7]	On/Off Microwave Sensor Installed Behind Lens
MWUSBD [2,3,4,7,9]	User Selectable Bi-Level Dimming Microwave Sensor Installed Behind Lens

ADVANCED

BLANK	None
ESMC/HB [2,5,8]	EasySense High-Bay Sensor
FSP311B/Lx [3,5]	Drop Nipple Bluetooth PIR Sensor Lx = Mounting Height, - L2 = 10'MH - L3 = 20'MH
NURO [2,5,8,19]	NUROAir PIR Sensor
NURO/MWS [2,3,4,8,19,20]	NUROAir Microwave Sensor

STEP DOWN

BLANK	None
SD347 [13,15]	347V Step Down Transformer
SD480 [13,15]	480V Step Down Transformer

PROTECTION

BLANK	None
SP1	10kA Surge Protector Installed

MOUNTING

BLANK	None
FMB/HUB12 [13,12]	Fixture Mounting Box for Pendant Mounting with Conduit Hub 1/2" for Top Power Entry
FMB/HUB34 [13,12]	Fixture Mounting Box for Pendant Mounting with Conduit Hub 3/4" for Pendant Mounting

WIRING

BLANK	None
C6/3W	3-wire cord standard fixtures 6FT
C10/3W	3-wire cord standard fixtures 10FT
C6/4W	4-wire cord for EM fixtures 6FT
C10/4W	4-wire cord for EM fixtures 10FT
C6/5W	5-wire cord for EM fixtures 6FT
C10/5W	5-wire cord for EM fixtures 10FT
3WMR [5]	3-wire mini receptacle installed
3WMR/6 [5]	3-wire mini receptacle installed with 6ft cord

WARRANTY

BLANK	5 Year
10YR	10 Year

CONTINUE TO NEXT PAGE

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ITEM 04 · PRODUCT DATA

6" round downlight

C1

C1 EM

6" diameter open downlight, white trim ring, aluminum housing, 0-10V electronic dimming driver, medium wide distribution. Type C1 EM furnished with 90 minute integrated emergency battery.

MANUFACTURER	CATALOG NUMBERS SUBMITTED	
Elite Lighting	C1	HH6-LED-3000L-DIM10-MVOLT-MWD-35K-90
	C1 EM	HH6-LED-3000L-DIM10-MVOLT-MWD-35K-90-INTG-EMG-LED-10W

ITEM	SPECIFIED	SUBMITTED	
Series	6" architectural downlight	HH6-LED	CONFORMS
Lumen package	3000 lumens nominal	3000L	CONFORMS
Dimming	0-10V	DIM10	CONFORMS
Supply voltage	277V	MVOLT, 120-277V	CONFORMS
Distribution	Medium wide	MWD	CONFORMS
Color temperature	3500K	35K	CONFORMS
Color rendering	90 minimum	90+	CONFORMS
Emergency, Type C1 EM	90 minute integrated battery	INTG-EMG-LED-10W	CONFORMS

SCHEDULED TYPE	REFERENCE DRAWING	SPECIFICATION REFERENCE
C1, C1 EM	E-601	Section 26 5100 §1.5.C, §2.2.B, §2.2.H.1, §2.2.I.1-3, §1.9.B

Manufacturer data sheet follows, 1 pages

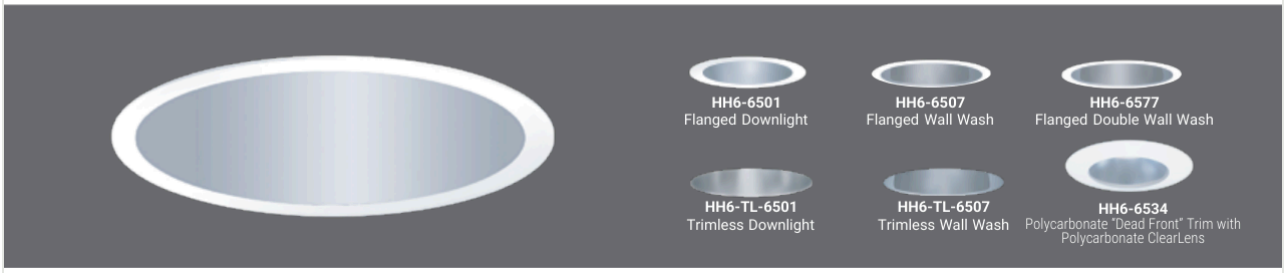
Elite Lighting HH6-LED-3000L-DIM10-MVOLT-MWD-35K-90 / HH6-LED-3000L-DIM10-MVOLT-MWD-35K-90-INTG-EMG-LED-10W

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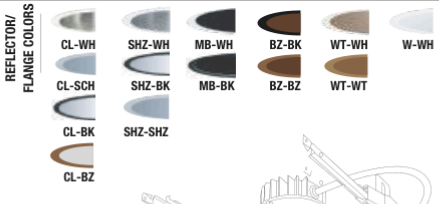
MAXILUME ARCHITECTURAL LIGHTING
By Elite Lighting

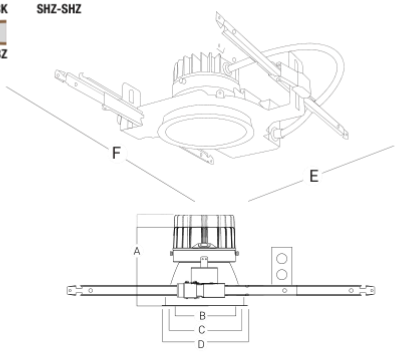
HH6-LED 6"

6" Architectural High Lumen LED Downlight



REFLECTOR/ FLANGE COLORS





A 900L to 4000L: Height = 5-5/8"
A 6000L to 8000L: Height = 9"
B: Trim Aperture = 6-3/6"
C: Cut-Out = 6-13/16"
D: Trim Outside Dia = 7-3/8"
E: Width = 16"
F: Length = 20-33"

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
6000	5979	61 W
4000	3979	38 W
3000	3512	32 W
2000	2252	20 W
1500	1785	15 W
1200	1398	12W
900	1065	9 W
NOMINAL LUMENS (HP)	DELIVERED LUMENS (HP)	WATTAGE (HP)
1200	1422	10 W
2000	2102	18W
3000	3259	28W

Based on 4000K, 90+CRI with semi-specular chrome reflector.
Actual wattage may vary +/-5%

FEATURES

A highly sustainable and ultra-efficient architectural LED downlight that provides even, glare-free illumination. Available in a range of finishes, distributions, and lumen packages, it is ideally suited for use in corporate office space, hospitality, healthcare, commercial, academic, churches and retail.

OPTICS AND REFLECTOR

The reflector has a 45° visual cutoff, and is shipped standard with a Solite lens in a smooth frosted finish. Spun from 0.05" thick aluminum, with a 1-step anodized finish, and available in different colors or custom RAL finishes. Reflector flange options include self-flanged and white painted flange. Various distribution options are available, and all optics are field changeable.

LUMENS	900, 1200, 1500, 2000, 3000, 4000, 6000, (Custom lumen packages available), HL6-IP-VR, HL6-LED
CCT & DYNAMIC PLATFORMS	22K, 27K, 30K, 35K, 40K, 50K, Tunable White, Dims to Warm, RGB + White
CRI	90+ Standard, 98+ Optional
COLOR QUALITY	2 Step MacAdam Ellipse
DISTRIBUTIONS	VWD, WD, MWD, MD, ND, SPD, NSPD
TRIM OPTIONS	Downlight, Wall Wash, Double Wall Wash, Wet Location
REFLECTOR COLORS	CL (Semi-Specular Chrome), SHZ (Low Iridescent Satin Haze), WT (Wheat), W (White), MB (Black). BZ (Bronze) WAM(White Anti Macrobial), Custom RAL
FLANGE COLORS	Self-Flanged WH (White), SCH (Semi-Specular Chrome), SHZ (Low Iridescent Satin Haze), BK (Black), BZ (Bronze)
DIMMING	0-10V Flicker Free 1% Dimming Standard DIM10, LUTH, LUTFTB, ELDO10.1-LIN, ELDODMX.1, ELDODALI.1, DIMTR, BLE,POE,ELDO10-LOG, XSR, DIM10-AUX, DIM10-0-Off
EMERGENCY	10W - Up to 1000L Output 20W - Up to 2000L Output EMG-LED-G2-10W-SDT - Self Diagnostic (Consult Factory) GTD-UL924
LIFETIME	L70>72,000-hour reported lifetime for Standard models L70>50,000-hour reported lifetime for HP models
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30,TM-21
UGR	UGR <19



Reference IES files for addition al distribution curve information.

www.iuseelite.com

Due to the changes of constant improvement in LED technology, all details are subject to change without notice. Consult factory for up to date information.
RS190627/NS190711/ BB190711/AS210316

PROJECT	SECTION	SUBMITTAL	REV	SHEET	PAGE
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ITEM 05 · PRODUCT DATA

EX1

Edge-lit exit sign

Single face edge-lit exit sign, green letters, mirror acrylic plaque, wall mounted, 90 minute minimum emergency battery.

MANUFACTURER	CATALOG NUMBERS SUBMITTED	
Evenlite	EX1	SOVII-EM-G-1M-BA-SW-UC

ITEM	SPECIFIED	SUBMITTED	
Supply voltage	277V	120 / 277 VAC	CONFORMS
Operation	Emergency battery backup	EM	CONFORMS
Letter color	Green	G, 6" legend	CONFORMS
Face count	Single face, mirror background	1M	CONFORMS
Housing finish	Brushed aluminum	BA	CONFORMS
Mounting	Surface wall	SW	CONFORMS
Directional arrows	Field configurable	UC, universal chevron kit	CONFORMS
Listings	UL 924	UL 924 listed	CONFORMS

SCHEDULED TYPE	REFERENCE DRAWING	SPECIFICATION REFERENCE
EX1	E-601	Section 26 5100 §1.5.C, §2.2.B, §2.3.C, §1.9.D

Manufacturer data sheet follows, 2 pages

EVENLITE
LIVES DEPEND ON US

Project Name:	Approved By:
Catalog No:	Type No:

SOVEREIGN II

Architectural Edgelit Versatile LED Exit Sign



The timeless Sovereign edgelit exit sign has been enhanced to the Sovereign II and continues to set the standard for architectural appeal. New features include a surface mounting canopy that enables for wall, top or end mounting, or for added versatility can be ordered as a "SU" Surface Universal for field selection. A unique ½" square tube pendant features seismic rated and straight tilt, finished to match to the housing selected. The SOVII also has the ability to support an optional low-voltage Razor RZRR3 exit sign (select the REX option). The Sovereign II delivers the perfect balance of safety, performance, and architectural elegance — designed to protect people while seamlessly enhancing every space it serves.

TITLE 20 COMPLIANT

BAA COMPLIANT

CONSTRUCTION

- Recessed ceiling back box features universal adjustable mounting brackets. Optional old work clips available for installation in existing ceilings
- Full size universal, self-adhesive Chevron arrows with template enable on-site configuration
- Lens Panel is "Last-to-Assemble" snap-in for versatility and ease of installation
- Lens panel can easily be changed from single to double face in the field
- Hinged retaining springs eliminate exposed mounting hardware on recessed model
- SU Surface Universal option allows for field configurable surface mount to a standard j-box, and takes the guess work out of surface mounting applications
- Low profile recessed housing is suitable for old or new work installations and is type IC Rated
- Modular design provides ease of installation and matching configurations
- Quality sealed brushed aluminum finish, white, black, painted brass, painted bronze finishes are available, consult factory for custom finishes
- Contoured, crystal clear laser formed edge lit lens
- Custom legends with white LED light source available to order
- Precision pressure die cast aluminum legend holder, trim and surface mount housing
- Available with a range of information signage or custom graphics to order
- Recessed AC Indicator and Test Switch

ELECTRICAL

- Unique electronic driver circuit provides current control and protection ensuring optimum LED efficiency and life
- SOVII will support an optional low-voltage remote Razor RZRR3 sign (-REX option required; Order RZRR3 Separately).
- Zero current LVCO ensures positive charge acceptance following extended discharge
- Brownout sensing assures emergency illumination during periods of low line voltage
- All versions feature fully integrated electronic components
- Universal 120/277 VAC field selectable input
- Battery Diagnostic Circuit monitors battery status, detects cell failure and issues alert of reduced capacity and the need to replace battery
- Diagnostic Battery Monitoring on all "EM" models
- Premium long life high temperature rated, fused Nickel Cadmium battery, operating temperature 10° to 40°C
- Average Power Consumption: <3W
- Additional power consumption details in installation guide

ILLUMINATION

- Refractive light guide engineered to optimize LED utilization and illumination uniformity
- Maintenance free LED Light source with 25+ years life expectancy

CERTIFICATION

- Approved for use in New York City calendar #48851
- UL Listed 3 hour emergency duration standard
- UL listed for damp locations 0° to 40° C
- UL 924 Listed by Underwriters Laboratories and meets or exceeds all performance standards as required by NFPA
- 101, NFPA 70-NEC and OSHA
- California Energy Commission (CEC) Title 20 Compliant
- Buy American Act compliant

WARRANTY

- 5 year limited warranty - view complete warranty terms online at www.evenlite.com/terms-warranty.

Evenlite SOVII-EM-G-1M-BA-SW-UC

MARKED BY CONTRACTOR

EVENLITE
LIVES DEPEND ON US

SOVEREIGN II

Architectural Edgelit Versatile LED Exit Sign

ORDERING GUIDE

SOVII-EM-R-1C-BA-RC-AR-SD-FT

MODEL	OPERATION	LETTER COLOR	FACE COUNT	HOUSING COLOR	MOUNTING	
					STANDARD	OPTIONAL
SOVII	**AC** AC Only (120/277 VAC)	6" LEGEND SIZE	STANDARD	**BA** Brushed Aluminum		**SU** Surface Universal
	EM Battery Backup Emergency	**R** Red	**1C** Single Face, Clear Background	**BK** Black	**RC** Recessed Ceiling[3]	**PA** 12" Swivel Pendant
		G Green	OPTIONAL	**BR** Brushed Brass	**UP** Recessed Mount[4]	**PB** 24" Swivel Pendant
		8" LEGEND SIZE	**1M** Single Face, Mirror Background	**WH** White	**SC** Surface Ceiling	**PC** 36" Swivel Pendant
		NR Red	**1W** Single Face, White Background	**CC** Custom Color[2]	**SW** Surface Wall	**PD** 48" Swivel Pendant
		NG Green	**2M** Double Face, Mirror Background[1]	**BZ** Painted Bronze	**SE** Surface End	**PE** 60" Swivel Pendant
			2W Double Face, White Background			**PF** 72" Swivel Pendant
						MU Mullion Mount
						MUI Mullion Mount Inverted Panel
						MUB Mullion Mount Back
SOVII						

CHEVRON	OPTIONS	
UC Universal Chevron Kit[5]	**DK** Two Circuit Input[7]	**DL** Damp Location Listed
AR Arrow Right	**SD** Self-Test/Self-Diagnostics[8]	**FT** Flat Trim for Recessed Ceiling Mount
AL Arrow Left	**IR** Self-Diagnostics With Infrared Remote Testing[8]	**FP** Flat Panel[13]
AA All Arrows Same Side	**TLRT** Infrared Hand Held Transmitter[9]	**IN** Inverted Legend For Mullion Mount
LR Arrow Left/Arrow Right[6]	**VA** Other Output Supply Voltage[10]	**EU** Euro Legend[10]
NA No Arrows	**F** Flash in Emergency Mode[11]	**OW** Old Work Clips
	FA Flash in AC and Emergency Mode[12]	**REX** Configured as Master to Power an Optional Remote Razor RZRR3 Exit[14]
	FB [FA] Option Including Buzzer	
	FZ [F] Option Including Buzzer	

ORDERING NOTES

1 Mirror simulates clear background for double face exits
2 Specify preference
3 Ship with back box
4 Preship back box
5 Field installed
6 Double face units only
7 AC models only
8 EM models only
9 Order separately
10 Consult factory
11 Flash in emergency mode (EM models) or continuous flash (AC models).
12 For 12-24V (AC or DC) normally-off fire alarm signal
13 No curve on bottom of face panel
14 Order RZRR3 separately. See data sheet.

Fill in fields from categories above and complete type and part number.

Type No:

Full Part No:

ADDITIONAL IMAGES



SURFACE WALL MOUNT
White



SURFACE END MOUNT
Brushed Aluminum



SURFACE CEILING MOUNT
Black



ARCHITECTURAL PENDANT MOUNT
Painted Brass



ACCENTED TRIM RECESSED CEILING MOUNT
Painted Brass



FLAT TRIM RECESSED CEILING MOUNT
White



MULLION MOUNT INVERTED (MUI)
Black

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Ordering summary, by vendor

Issued for procurement. Quantities to be taken from the drawings and entered below. Not part of the submittal to the general contractor.

Elite Lighting

6 TYPES

TYPE	DESCRIPTION	CATALOG NUMBER	SIZE	QUANTITY	NOTES
A1	2×4 LED flat panel	24-FPL1-LED-5000L-DIM10-MVOLT-35K-85	2'-0" x 4'-0"		
A1 EM	2×4 LED flat panel	24-FPL1-LED-5000L-DIM10-MVOLT-35K-85-O-EMG-LED-10W	2'-0" x 4'-0"		
A2	2×2 LED flat panel	22-FPL1-LED-5000L-DIM10-MVOLT-35K-85	2'-0" x 2'-0"		
A2 EM	2×2 LED flat panel	22-FPL1-LED-5000L-DIM10-MVOLT-35K-85-O-EMG-LED-10W	2'-0" x 2'-0"		
C1	6" round downlight	HH6-LED-3000L-DIM10-MVOLT-MWD-35K-90	6" diameter		
C1 EM	6" round downlight	HH6-LED-3000L-DIM10-MVOLT-MWD-35K-90-INTG-EMG-LED-10W	6" diameter		

ILP

2 TYPES

TYPE	DESCRIPTION	CATALOG NUMBER	SIZE	QUANTITY	NOTES
B1	Linear vapor-tight	WTZ8-6L-U-40-SPCL-SS-TPS	8'-0" (B1), 4'-0" (B2)		
B2	Linear vapor-tight	WTZ4-4L-U-40-SPCL-SS-TPS	8'-0" (B1), 4'-0" (B2)		

Evenlite

1 TYPES

TYPE	DESCRIPTION	CATALOG NUMBER	SIZE	QUANTITY	NOTES
EX1	Edge-lit exit sign	SOVII-EM-G-1M-BA-SW-UC	Single face		

Shop-fabricated items

FABRICATOR TO CONFIRM

ITEM	LENGTH	QUANTITY	FINISH	NOTES
None in this package				