

ENDURA SERIES

WALL/BUILDING MOUNT

Cat.#

Job

Type



Approvals

SPECIFICATIONS

Intended Use:

The Endura is a ceiling surface mounted or pendant mounted parking structure luminaire with a field replaceable LED light-engine & optical bezel system. Internal components are totally enclosed in a rain-tight and corrosion-resistant die cast aluminum housing. The Endura Luminaire is CSA certified and suitable for damp locations (wet location available on request).

Construction:

- Die cast aluminum two-piece housing
- Shape of the top housing is designed as a bird nesting deterrent
- Die cast main (thermal) housing provides direct-heat exchange between the LED light engine and the cool outdoor air
- Main housing is designed with heat dissipating fins for LED thermal management without the use of metallic screens, cages, or fans
- Main and top housings are designed to hinge open for easy mounting and easy access

LED/Optics:

- Endura luminaire is supplied with an optical one piece cartridge system consisting of an LED engine, LED lamps, optics, gasket and stainless steel bezel
- Cartridge is held together with internal brass standoffs soldered to the board so that it can be field replaced as a one piece optical system
- Two-piece silicone and polycarbonate foam gasket ensures a weather-proof seal around each individual LED
- Endura comes standard with 70 CRI
- Cartridge assembly is available in various lighting distributions using TIR designed acrylic optical lenses over each LED

Electrical:

- 120V through 277V, 50 Hz to 60 Hz
- Dimming Drivers are standard and dimming leads are extended out of the luminaire unless control options require connection to the dimming leads. Must specify if wiring leads are to be greater than the 6" standard.
- Component-to-component wiring within the luminaire may carry no more than 80% of rated load and is certified by UL for use at 600 VAC at 50°C or higher
- Plug disconnects are certified by UL for use at 600 VAC, 13A or higher. 13A rating applies to primary (AC) side only
- Surge protection - 20kA

Installation:

- Top housing is designed with various bolt patterns for mounting to a recessed, surface or rigid-pendant hung ceiling junction box and rigid stem (provided by others)
- After mounting the top housing to the junction box, the main housing is designed to hang and hinge closed after connecting the male and female quick connectors
- Mounting design permits a simple retrofit to existing parking structure luminaires that utilize surface mount or recessed junction boxes

Finish

- IFS polyester powder-coat electrostatically applied and thermocured.
- IFS finish consists of a five stage iron phosphate chemical pretreatment regimen with a polymer primer sealer, oven dry off, and top coated with a thermoset super TGIC polyester powder coat finish
- The finish meets the AAMA 2604 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance and resists cracking or loss of adhesion per ASTM D522 and resists surface impacts of up to 160 inch-pounds

Listings:

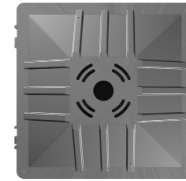
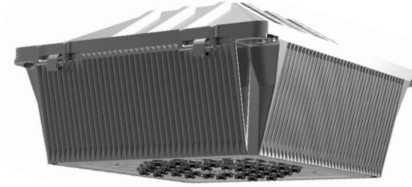
- The luminaire shall bear a CSA label and be marked suitable for damp locations (standard). Luminaire may be specified for wet locations.
- This product is approved by the Florida Fish and Wildlife Conservation Commission. Separate Turtle Friendly spec available at: <http://www.beaconproducts.com/products/endura>

Warranty:

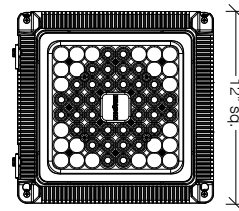
Five year limited warranty for more information visit: www.hubbelling.com/resources/warranty

PRODUCT IMAGE(S)

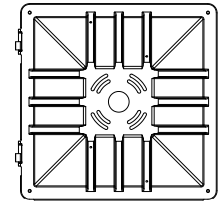
Turtle Friendly



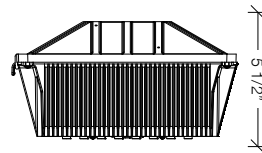
DIMENSIONS



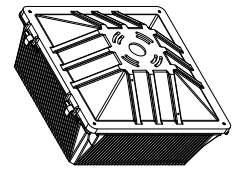
Bottom



Top

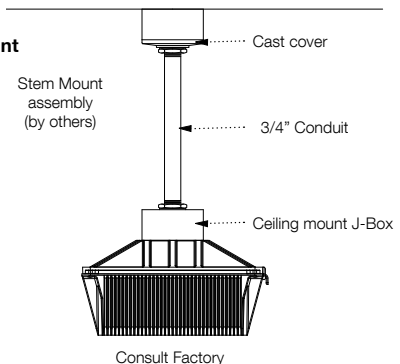


Side



Isometric

Ceiling Mount



CERTIFICATIONS/LISTINGS



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Due to our continued efforts to improve our products, product specifications are subject to change without notice.

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ORDERING INFORMATION ORDERING EXAMPLE: EDR/36L-65/AM/5W/UNV/BL

SERIES	ENGINE-WATTS	CCT	OPTICS	VOLTAGE	ELECTRICAL OPTIONS	FINISH
EDR Endura	24L-45 45 Watts - LED array 36L-65 65 Watts - LED array 48L-80 80 Watts - LED array	AM Amber	5R Type V, rectangular 5W Type V, wide 5QM Type V, square medium 5QN Type V, square narrow 5QW Type V, square wide	UNV 120-277V 120 120V 208 208V 240 240V 277 277V 347 347V 480 480V	PEC-120 photocell, button 120V PEC-208 photocell, button 208V PEC-240 photocell, button 240V PEC-277 photocell, button 277V	BLT Black Matte Textured BLS Black Gloss Smooth DBT Dark Bronze Matte Textured DBS Dark Bronze Gloss Smooth GTT Graphite Matte Textured LGS Light Grey Gloss Smooth PSS Platinum Silver Smooth WHT White Matte Textured WHS White Gloss Smooth VGT Verde Green Smooth
HIGHER MOUNTING APPLICATIONS						
2X2 Type V Concentrated Spot						
4X4 Type V Concentrated Narrow						
5X5 Type V Concentrated Medium						
5X3 Type V Concentrated Rectangular						
COLOR OPTION						
CC Custom Color						

PERFORMANCE DATA

# LED'S	DRIVE CURRENT (MILLIAMPS)	SYSTEM WATTS	DISTRIBUTION TYPE	AMBER (1400K)				
				LUMENS	LPW	B	U	G
24	700mA	45W	2	1218	27	0	0	0
			3	1194	27	0	0	1
			4	1174	26	0	0	0
			4W	1130	25	0	0	1
			5R	1204	27	1	0	1
			5QM	1196	27	1	0	0
			5W	1285	29	1	0	0
36	700mA	65W	2	1826	28	0	0	0
			3	1792	28	0	0	1
			4	1762	27	0	0	1
			4W	1723	27	0	0	1
			5R	1806	28	1	0	1
			5QM	1794	28	1	0	0
			5W	1760	27	1	0	1
48	700mA	85W	2	2435	29	1	0	1
			3	2389	28	0	0	1
			4	2349	28	0	0	1
			4W	2298	27	0	0	1
			5R	2392	28	1	0	0
			5QM	2408	28	1	0	1
			5W	2346	28	2	0	1
60	700mA	105W	2	2986	28	1	0	1
			3	2985	28	1	0	2
			4	2936	28	0	0	1
			4W	2824	27	0	0	1
			5R	3010	29	2	0	2
			5QM	2990	28	1	0	0
			5W	2935	28	2	0	1

