

CRUZER SERIES

CRUZER AREA LUMINAIRE

Cat.#

Job

Type



Approvals

SPECIFICATIONS

Intended Use:

The Beacon Cruiser luminaire is a pole mounted 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 Cruiser luminaire is NRTL Listed and suitable for wet locations.

Construction:

- Die cast aluminum two-piece housing.
- Die cast main (thermal) housing provides direct heat exchange between the LED light engine and the cool outdoor air.
- LED drivers are thermally isolated from the main housing, mechanically attached and heat sunk to the rear housing.
- Shape of the main housing is designed to prevent debris accumulation and is a bird nesting deterrent. Back and main housings are designed to hinge open for easy mounting and easy access.

LED/Optics:

- 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.
- Die cut silicone foam gasket ensures a weather-proof seal around each individual LED.
- Optics are held in place without the use of adhesives.
- Cartridge assembly is available in various lighting distributions using TIR designed acrylic optical lenses over each LED.

Electrical:

- Luminaire accepts 100V through 277V, 50 Hz to 60 Hz (UNV), or 347V or 480V input.
- Power factor is $\geq .90$ at full load.
- Dimming drivers are standard, but must contact factory to request wiring leads for purpose of external dimming controls.
- 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:

- Arm mount for attachment to round or square pole.
- Slip fitter or adjustable knuckle fits 2 3/8" arm or tenon.
- Suitable for applications requiring 3G testing prescribed by ANSI C136.31.

Finish:

- IFS polyester powder-coat electro-statically applied and thermocured.
- IFS finish consists of a five stage pretreatment regimen with a polymer primer sealer 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 be NRTL certified to UL 1598 and 8750 standards for use in wet locations.
- This product is approved by the Florida Fish and Wildlife Conservation Commission.

Warranty:

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

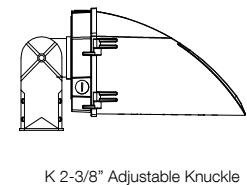
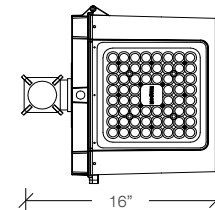
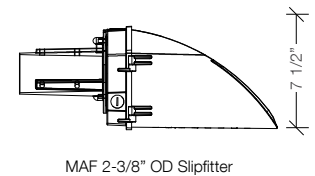
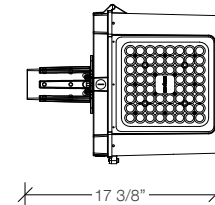
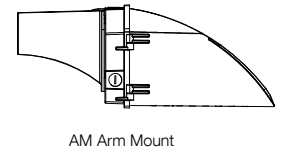
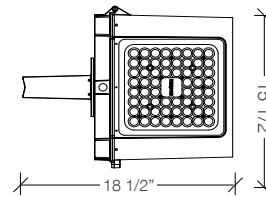
PRODUCT IMAGE(S)

Turtle Friendly



DIMENSIONS

Weight: 25.0 lbs
EPA: 0.8 ft²
(11.3 kg)



CERTIFICATIONS/LISTINGS



*3000K and warmer CCTs only



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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: CRZ/60L-105/AM/2/UNV/AM/BLT

CRZ								
SERIES	ENGINE-WATTS	CCT	VOLTAGE	MOUNTING OPTIONS	COLOR			
CRZ Cruiser	24L-45 45W, LED array	AM Amber	UNV 120-277V	MAF mast Arm Fitter (formerly SF2) for 2-3/8" OD horizontal arm knuckle	BLT Black Matte Textured			
	36L-65 65W, LED array		347 347V	K horizontal arm knuckle (formerly PK2) limit to 45° tilt or 2-3/8" OD horizontal arm or vertical tenon	BLS Black Gloss Smooth			
	48L-80 80W, LED array	OPTICS	480 480V	AM arm mount	DBT Dark Bronze Matte Textured			
	60L-105 105W, LED array	2 type II	ELECTRICAL OPTIONS		DBS Dark Bronze Gloss Smooth			
		3 type III	PEC-120 photocell, button 120V		GTT Graphite Matte Textured			
		4 type IV	PEC-208 photocell, button 208V		LGS Light Grey Gloss Smooth			
		4W type IV, wide	PEC-240 photocell, button 240V		PSS Platinum Silver Smooth			
		5R type V, rectangular	PEC-277 photocell, button 277V		WHT White Matte Textured			
		5W type V, round wide			WHS White Gloss Smooth			
				SHIELD OPTIONS	VGT Verde Green Textured			
				BC Backlight control (available for FR, 2, 3, 4, 4W optics)	COLOR OPTION			
				90 90° house side shield	CC Custom Color			
				270 270° house side shield				
				360 360° house side shield				

PERFORMANCE DATA

# LED'S	DRIVE CURRENT (MILLIAMPS)	SYSTEM WATTS	DISTRIBUTION TYPE	AMBER (1400K)				
				LUMENS	LPW	B	U	G
24	700mA	45W	2	1274	28	0	0	0
			3	1250	28	0	0	1
			4	1229	27	0	0	1
			4W	1202	27	0	0	1
			5R	1260	28	1	0	1
			5W	1345	30	1	0	0
36	700mA	45W	2	1911	29	0	0	0
			3	1875	29	0	0	1
			4	1843	28	0	0	1
			4W	1803	28	0	0	1
			5R	1890	29	1	0	1
			5W	1842	28	1	0	1
48	700mA	45W	2	2548	30	1	0	1
			3	2500	29	1	0	1
			4	2458	29	0	0	1
			4W	2404	28	0	0	1
			5R	2520	30	1	0	1
			5W	2455	29	2	0	1
60	700mA	45W	2	3186	30	1	0	1
			3	3123	29	1	0	2
			4	3072	29	0	0	1
			4W	3006	28	1	0	1
			5R	3150	29	2	0	2
			5W	3072	29	2	0	1

COLOR
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 Textured
COLOR OPTION
CC Custom Color

