

URBAN SERIES

URBAN LUMINAIRE - TURTLE FRIENDLY

SPECIFICATIONS

Intended Use:

The Beacon Urban luminaire is available with a choice of different LED wattage configurations, shapes, sizes and optical distributions designed to replace HID lighting up to 400W MH or HPS.

Construction:

- The drivers shall be located in the top cast housing and shall be accessible without tools by hinging the lower shade assembly. The driver and all electrical components shall be on a tray.
- The lower shade shall be made from a one-piece aluminum spinning.
- The housing is designed for LED thermal management without the use of metallic screens, cages, or fans. The top casting shall be able to be pendent mounted in place with a stainless steel safety pin and then permanently held in place with four stainless steel bolts.

Electrical:

- 100V through 277V, 50 Hz to 60 Hz (UNV), or 347V or 480V input.
- Power factor is ≥ 0.90 at full load.
- Dimming drivers are standard with connections for external dimming equipment available upon request.
- Component-to-component wiring within the luminaire may carry no more than 80% of rated load and is listed by UL for use at 600VAC at 50°C or higher.
- Plug disconnects are listed by UL for use at 600 VAC, 13A or higher. 13A rating applies to primary (AC) side only.
- Fixture electrical compartment shall contain all LED driver components.
- Button photocell available.
- Ambient operating temperature -40°C to 40°C
- Surge protection - 20KA.
- Lifeshield™ Circuit - protects luminaire from excessive temperature. The device shall activate at a specific, factory-preset temperature, and progressively reduce power over a finite temperature range. A luminaire equipped with the device may be reliably operated in any ambient temperature up to 55°C (131°F). Operation shall be smooth and undetectable to the eye. Thermal circuit is designed to "fail on", allowing the luminaire to revert to full power in the event of an interruption of its power supply, or faulty wiring connection to the drivers. The device shall be able to co-exist with other 0-10V control devices (occupancy sensors, external dimmers, etc.).

Controls/Options:

- Available with Energeni for optional set dimming, timed dimming with simple delay, or timed dimming based on time of night.

Finish:

- IFS polyester powder-coat electrostatically 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.

Certifications:

- NRTL Certified, UL8750, UL 1598 and CSA22.2#250. 13-14 for wet locations
- IDA approved
- This product is approved by the Florida Fish and Wildlife Conservation Commission.

Warranty:

Five year limited warranty.

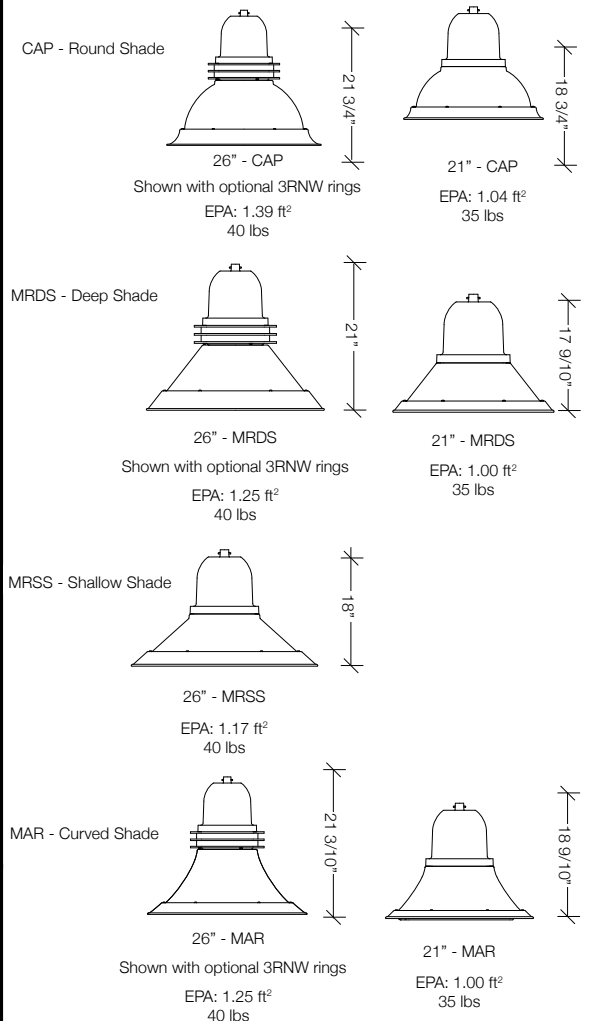
PRODUCT IMAGE(S)

Turtle Friendly



Shown with arm

STYLES



CERTIFICATIONS/LISTINGS



*3000K and warmer CCTs only

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ORDERING INFORMATION ORDERING EXAMPLE: URBCAP21/36L2-65/AM/UNV/T4/NNRW/BLT

URB										
MODEL	SERIES	LED COLOR	VOLTAGE	ELECTRICAL OPTIONS	FINISH	SHIELD OPTIONS				
URB Urban	CAP-21 21" Capitol MRDS-21 21" Miramar deep shade MAR-21 21" Miritas CAP-26 26" Capitol MRSS-26 26" Miramar shallow shade MRDS-26 26" Miramar deep shade MAR-26 26" Miritas	AM Amber	UNV 120-277V 347V 347V 480V 480V	PCU Button Photocell 120-277V STYLE NRNW No rings 3NRW Three rings	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 VG Verde Green Smooth	BC³ Backshield				
ENGINE-WATTS		OPTICS ²		COLOR OPTION		HOUSE SIDE SHIELD ACCESSORIES				
24L-45 45 Watts - LED array 36L-65 65 Watts - LED array 48L-85¹ 85 Watts - LED array 60L-105¹ 105 Watts - LED array		T1 type I T2 type II T3 type III T4 type IV T4BLC type IV, backlight control T5R type V, rectangular T5QM type V, square medium T5W type V, round wide		CC Custom Color		HSS/VP-L/90-FB/XXX 90° shield front or back HSS/VP-L/90-LR/XXX 90° shield left or right HSS/VP-L/270-FB/XXX 270° shield front or back HSS/VP-L/270-LR/XXX 270° shield left or right HSS/VP-L/360/XXX Full shield (Replace XXX with notation for desired finish color)				

¹ 26" only
² To rotate optics Left or Right 90 degrees, specify L or R after the optical distribution example:T4L
³ Available for FR, 2, 3, 4, 4W Optics

PERFORMANCE DATA

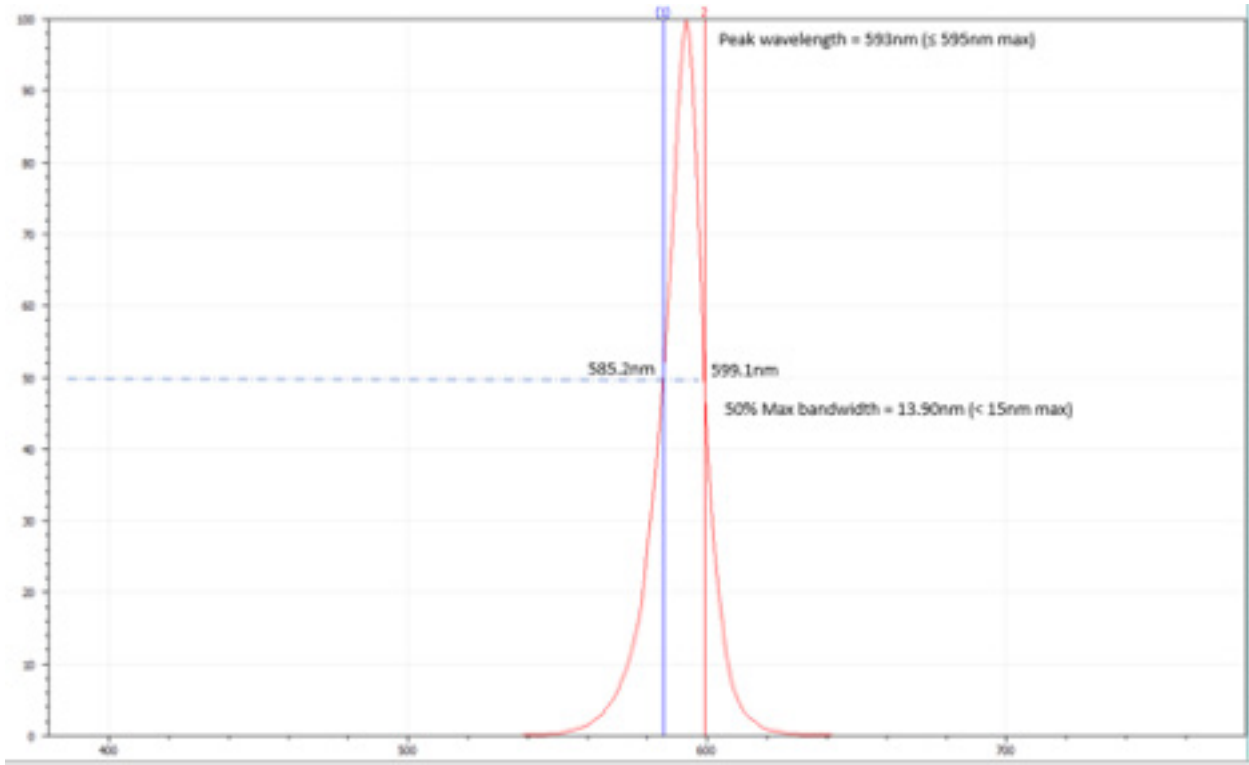
# LED'S	DRIVE CURRENT	SYSTEM WATTS (120-277V)	DISTRIBUTION TYPE	AMBER (1400K)				
				LUMENS	LPW ¹	B	U	G
24	700mA	45W	FR	1316	29	0	0	0
			2	1269	28	0	0	0
			3	1245	28	0	0	1
			4	1224	27	0	0	1
			4W	1197	27	0	0	1
			5R	1255	28	1	0	1
			5QM	1246	28	1	0	0
			5W	1339	30	1	0	0
36	700mA	65W	FR	1973	30	0	0	0
			2	1903	29	0	0	0
			3	1867	29	0	0	1
			4	1836	28	0	0	1
			4W	1796	28	0	0	1
			5R	1882	29	1	0	1
			5QM	1869	29	1	0	0
			5W	1834	28	1	0	1
48	700mA	85W	FR	2631	31	0	0	0
			2	2538	30	1	0	1
			3	2490	29	1	0	1
			4	2448	29	0	0	1
			4W	2395	28	0	0	1
			5R	2510	30	1	0	1
			5QM	2493	29	1	0	0
			5W	2445	29	2	0	1
60	700mA	105W	FR	3289	31	1	0	0
			2	3173	30	1	0	1
			3	3111	28	1	0	2
			4	3060	29	0	0	1
			4W	2993	28	1	0	1
			5R	3137	29	2	0	2
			5QM	3116	29	1	0	0
			5W	3059	29	2	0	1

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TURTLE FRIENDLY COMPLIANT

AMBER Spectral Chart



Narrow-Spectrum Amber LED's

Peak Wavelength = 593 nanometers (≤ 595 nm max) and a 50% maximum bandwidth = 13.90 nm, not greater than 15 nanometers

NSALED Amber LED's used in this product.