

URBAN SERIES

URBAN LUMINAIRE

Cat.#

Job

Type



Approvals

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.
- Lifesield™ 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 visit:
www.beaconproducts.com/products/energeni
- Urban can be specified with SiteSync™ wireless control system for reduction in energy and maintenance cost while optimizing light quality 24/7. See ordering information or visit:
www.hubbellighting.com/products/sitesync/ for more details

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 605.2 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:

- DesignLights Consortium (DLC) qualified, consult DLC website for more details: <http://www.designlights.org/QPL>
- 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. Separate spec available at <http://www.beaconproducts.com/products/urban>

Warranty:

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

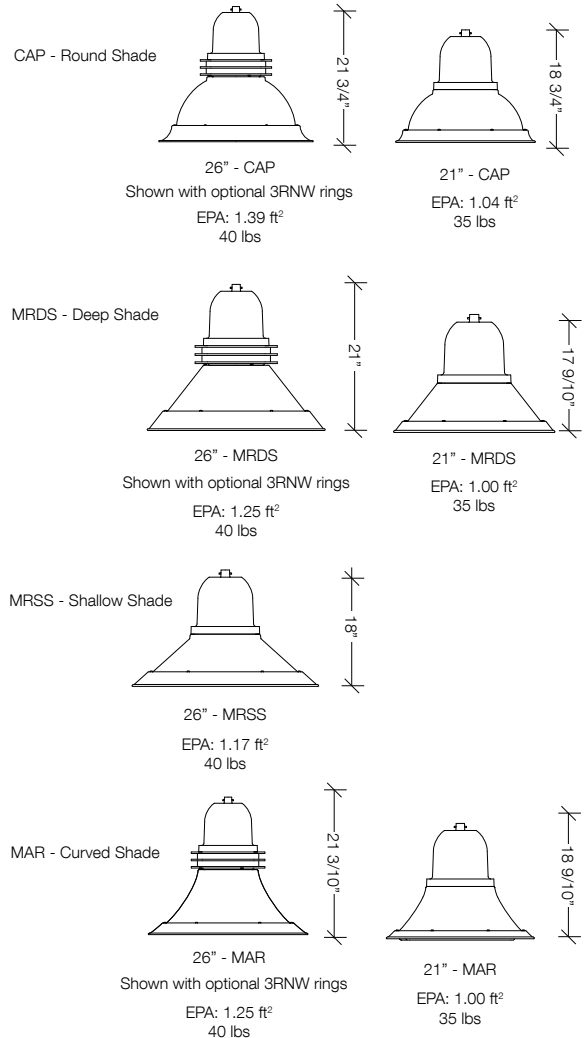
PRODUCT IMAGE(S)



Shown with arm

Shown with SiteSync™

STYLES



CERTIFICATIONS/LISTINGS



*3000K and warmer CCTs only



Beacon Products • 2041 58th Avenue Circle East Bradenton, FL 34203 • Phone: 800-345-4928
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: URBCAP21/36NB-80/5K/UNV/T4/SWP/NRNW/BBT

MODEL	SERIES	LED COLOR ⁷	VOLTAGE	ELECTRICAL OPTIONS	STYLE	FINISH
URB Urban	CAP-21 21" Capitol MRDS-21 21" Miramar deep shade MAR-21 21" Maritas	3K 3000K 4K 4000K 5K 5000K	UNV 120-277V 347V 347V 480V 480V	PEC-120 button, 120V PEC-208 button, 208V PEC-240 button, 240V PEC-277 button, 277V	NRNW No rings 3RNW Three rings	BBT basic black textured BMT black matte textured WHT white textured MBT metallic bronze textured
	CAP-26 26" Capitol MRSS-26 26" Miramar shallow shade MRDS-26 26" Miramar deep shade MAR-26 26" Maritas	ENGINE-WATTS 24NB-27 27W, LED array 24NB-55 55W, LED array 36NB-80 80W, LED array 48NB-110¹ 110W, LED array 60NB-136¹ 136W, LED array	OPTICS² 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	SENSOR OPTION MOB^{4,6} Motion sensor 33% or 50% dimming	CONTROL OPTIONS GENI-XX⁵ energeni SWP^{3,4} SiteSync Wireless Pre-Commission	DBT dark bronze textured GYS gray smooth DPS dark platinum smooth GNT green textured MST metallic silver textured MTT metallic titanium textured OWI old world iron RAL _____

¹ 26" only
² To rotate optics Left or Right 90 degrees, specify L or R after the optical distribution example:T4L
³ Must specify group and zone information at time of order. See www.hubbellighting.com/controls/sitesync for further details.
⁴ Not available with other control or sensor options.
⁵ When ordering Energeni, specify the routine setting code (Example GENI-04). See Energeni brochure and instructions for setting table and options. Not available with sensor options.
⁶ Specify time delay; dimming level and mounting height.
⁷ This product is approved by the Florida Fish and Wildlife Conservation Commission. Separate spec available at http://cdn.beaconproducts.com/content/products/specs/specs_files/Urban_LED_spec_sheet_turtle.pdf

PRECOMMISSIONED SITESYNC ORDERING INFORMATION: When ordering a fixture with the SiteSync lighting control option, additional information will be required to complete the order. The SiteSync Commissioning Form or alternate schedule information must be completed. This form includes Project location, Group information, and Operating schedules. For more detailed information please visit www.hubbellighting.com/products/sitesync/ or contact Hubbell Lighting tech support at (800) 345-4928.

SiteSync fixtures with Motion control (SWPM) require the mounting height of the fixture for selection of the lens.

Examples: URB/CAP-26/60NB-136/3K/UNV/T5QM/SWP/NRNW/BBT SiteSync only
 URB/CAP-26/60NB-136/3K/UNV/T5QM/SWPM-20F/NRNW/BBT SiteSync with Motion Control

Accessories and Services (Ordered Separately)

Catalog Number	Description
SWUSB*	SiteSync loaded on USB flash drive (Windows® based only)
SWTAB*	SiteSync Windows® Tablet
SWBRG*	SiteSync Wireless Bridge Node

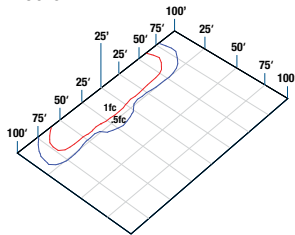
*When ordering with SiteSync, one of the following interface options must be chosen and ordered separately. Each option contains the SiteSync License, GUI and Bridge Node.
 + If needed, an additional Bridge Node can be ordered.



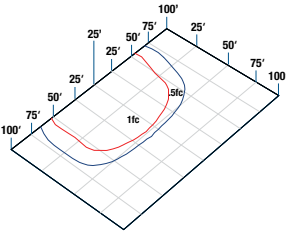
SiteSync Lighting Control is available from our most popular brands in a broad range of award-winning product families.

PHOTOMETRICS

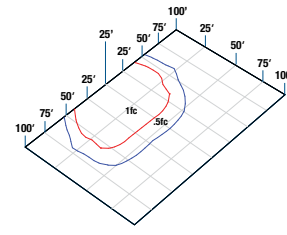
Type II
URB-60NB-136-5K-T2



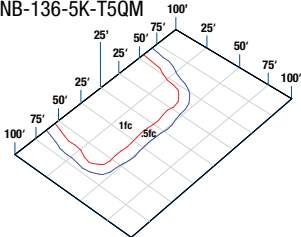
Type III
URB-60NB-136-5K-T3



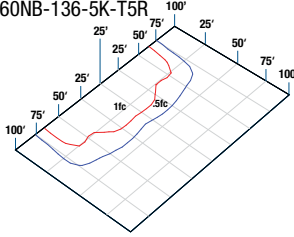
Type IV
URB-60NB-136-5K-T4



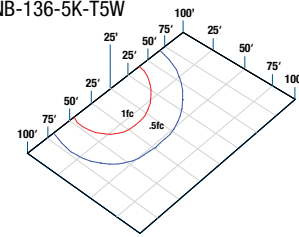
Type V Square Medium
URB-60NB-136-5K-T5QM



Type V Rectangular
URB-60NB-136-5K-T5R



Type V Round Wide
URB-60NB-136-5K-T5W



PERFORMANCE DATA

# LED'S	DRIVE CURRENT (MILLIAMPS)	SYSTEM WATTS (120-277V)	DISTRIBUTION TYPE	5K (5000K nominal, 70 CRI)					4K (4000K nominal, 70 CRI)					3K (3000K nominal, 70 CRI)				
				LUMENS	LPW ¹	B	U	G	LUMENS	LPW ¹	B	U	G	LUMENS	LPW ¹	B	U	G
24	350 mA	27 W	T2	2833	105	1	0	1	2805	104	1	0	1	2408	89	1	0	1
			T3	2805	104	1	0	1	2777	103	1	0	1	2392	89	1	0	1
			T4	3086	114	1	0	1	3055	113	1	0	1	2623	97	1	0	1
			T5QM	3085	114	2	0	0	3055	113	2	0	0	2623	97	1	0	0
			T5R	3142	115	2	0	2	3111	115	2	0	2	2670	99	2	0	2
24	700 mA	55 W	T5W	3044	113	2	0	1	3014	112	2	0	1	2600	96	2	0	1
			T2	5666	102	2	0	2	5610	101	2	0	2	4816	86	1	0	2
			T3	5610	101	1	0	2	5554	100	1	0	2	4784	86	1	0	2
			T4	6171	111	1	0	2	6110	109	1	0	2	5245	94	1	0	2
			T5QM	6171	111	3	0	1	6110	109	3	0	1	5245	94	2	0	1
36	700 mA	80 W	T5R	6283	113	3	0	3	6221	111	3	0	3	5341	96	3	0	3
			T5W	6087	109	3	0	1	6027	108	3	0	1	5201	93	3	0	1
			T2	8505	101	2	0	3	8415	100	2	0	3	7224	87	2	0	2
			T3	8415	100	2	0	2	8331	99	2	0	2	7175	86	2	0	2
			T4	9256	110	1	0	3	9164	109	1	0	3	7868	94	1	0	3
48'	700 mA	110 W	T5QM	9257	110	3	0	1	9164	109	3	0	1	7868	94	3	0	1
			T5R	9425	112	3	0	3	9331	111	3	0	3	8011	96	3	0	3
			T5W	9131	109	3	0	2	9040	108	3	0	2	7801	93	3	0	2
			T2	11332	102	3	0	3	11220	101	3	0	3	9633	87	2	0	3
			T3	11220	101	2	0	3	11108	100	2	0	3	9567	86	2	0	3
60'	700 mA	136 W	T4	12342	111	2	0	3	12219	110	2	0	3	10491	95	2	0	3
			T5QM	12342	111	3	0	2	12219	111	3	0	2	10491	95	3	0	2
			T5R	12567	113	4	0	4	12441	112	4	0	4	10682	96	3	0	3
			T5W	12175	110	4	0	2	12053	109	4	0	2	10402	94	4	0	2
			T2	14165	103	3	0	3	14025	102	3	0	3	12041	88	3	0	3
60'	700 mA	136 W	T3	14025	102	3	0	3	13885	101	3	0	3	11959	87	3	0	3
			T4	15427	113	2	0	3	15274	111	2	0	3	13114	96	2	0	3
			T5QM	15427	113	4	0	2	15274	111	4	0	2	13314	96	3	0	2
			T5R	15708	115	4	0	4	15259	111	4	0	4	13352	97	4	0	4
			T5W	15218	111	4	0	2	15551	114	4	0	2	13002	95	4	0	2

¹Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown. Actual performance may differ as a result of end-user environment and application.

¹AVAILABLE IN THE 26" URBAN ONLY



ELECTRICAL DATA

# OF LEDS	NUMBER OF DRIVERS	DRIVE CURRENT (mA)	INPUT VOLTAGE (V)	SYSTEM POWER (w)	CURRENT (Amps)
24	1	350mA	120	27	0.2
			277		0.1
			347		0.1
			480		0.1
24	2	700 mA	120	55	0.5
			277		0.2
			347		0.2
			480		0.1
36	1	700 mA	120	80	0.7
			277		0.3
			347		0.2
			480		0.2
48	1	700 mA	120	110	0.9
			277		0.4
			347		0.3
			480		0.2
60	1	700 mA	120	136	1.1
			277		0.5
			347		0.4
			480		0.3

PROJECTED LUMEN MAINTENANCE

AMBIENT TEMP.	0	25,000	50,000	TM-21-11 60,000	100,000	Calculated L70 (HOURS)
25°C / 77°C	1.00	0.97	0.95	0.95	0.92	>470,000

¹ Projected per IESNA TM-21-11

Data references the extrapolated performance projections for the base model in a 40°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.

AMBIENT TEMPERATURE	LUMEN MULTIPLIER	
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	0.98
40°C	104°F	0.98

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).