BEACON
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DATE: | LOCATION:

TYPE: | PROJECT:

CATALOG #:

# URBAN SERIES

URBAN LUMINAIRE

## FEATURES

- Decorative transitional style lighting fixture series is suitable for walkway lighting and wall mounting
- Two unique shade and style options
- LED turtle-friendly option available
- Integral Surge and Thermal Protection

Shown with arm

C US

*3000K and warmer CCTs only

## CONTROL TECHNOLOGY

energeni

## SPECIFICATIONS

### 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

### ELECTRICAL (CONTINUED)

- 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 55ºC (131ºF). 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

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

### 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.

### WARRANTY

- 5 year warranty

| KEY DATA | |
|---|---|
| Lumen Range | 3,300–11,600 |
| Wattage Range | 55–136 |
| Efficacy Range (LPW) | 61–87 |

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DATE: LOCATION:

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# URBAN SERIES

URBAN LUMINAIRE

## ORDERING GUIDE

**Example:** URB–CAP-21–36L-80–5K7–UNV–4–NRNW–BLT

CATALOG #

| Model | | Lens Option | | Engine–Watts | | CCT/CRI[6] | | Voltage | | Optics[2] | | Electrical Options | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **URB** | Urban | **CAP-21** | 21" Capitol | **24L-27** | 27W, LED array | **3K7** | 3000K, 70 CRI | **UNV** | 120-277V | **FR** | Type I | **PCU** | Button Photocell, Universal |
| | | **MRDS-21** | 21" Miramar deep shade | **24L-55** | 55W, LED array | **4K7** | 4000K, 70 CRI | **347** | 347V | **2** | Type II | | |
| | | **MAR-21** | 21" Maritas | **36L-80** | 85W, LED array | **5K7** | 5000K, 70 CRI | **480** | 480V | **3** | Type III | | |
| | | **CAP-26** | 26" Capitol | **48L-110** | 110W, LED array[1] | | | | | **4** | Type IV | | |
| | | **MRSS-26** | 26" Miramar shallow shade | **60L-136** | 136W, LED array[1] | | | | | **4W** | Type IV wide | | |
| | | **MRDS-26** | 26" Miramar deep shade | | | | | | | **5R** | Type V rectangular | | |
| | | **MAR-26** | 26" Maritas | | | | | | | **5QM** | Type V square medium | | |
| | | | | | | | | | | **5W** | Type V round wide | | |
| | | | | | | | | | | **BC** | Backshield (available for FR, 2, 3, 4, 4W Opctics) | | |

| Control Options | | Mounting Style | | Style | | Sensor Option | | Finish | | Color Option | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **GENI-XX** | Energeni[4] | **PM** | Pendant mount | **NRNW** | No rings | **MOB** | Motion sensor 33% or 50% dimming[3,5,7] | **BLT** | Black Matte Textured | **CC** | Custom Color |
| | | **SM** | Side mount | **3RNW** | Three rings | | | **BLS** | Black Gloss Smooth | | |
| | | **YM** | Yoke mount | | | | | **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 | | |

Notes:

1 26" only

2 To rotate optics left or right 90 degrees, specify L or R after the optical distribution example: 4L

3 Not available with other control or sensor options

4 When ordering Energeni, specify the routine setting code (Example GENI-04). See Energeni brochure and Energeni instructions for setting table and options. Not available with sensor options

5 Specify time delay; dimming level and mounting height

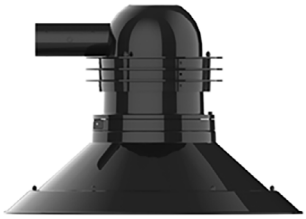
6 This product is approved by the Florida Fish and Wildlife Conservation Commission. Separate spec available on our website.

7 Only available on 24L and 36L configurations

# URBAN SERIES

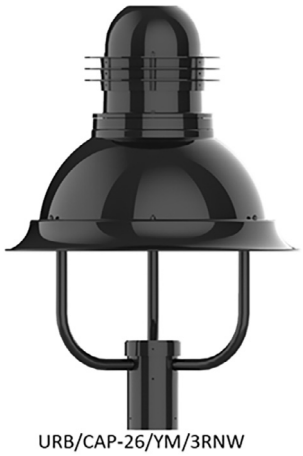
URBAN LUMINAIRE

URB/MADS-21/PM/NRNW

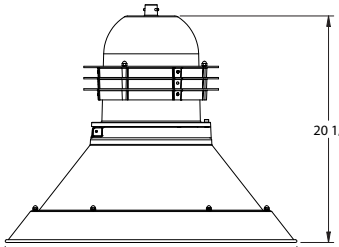


URB/MRSS-26/SM/3RNW

URB/MAR-21/YM/NRNW



URB/CAP-26/YM/3RNW

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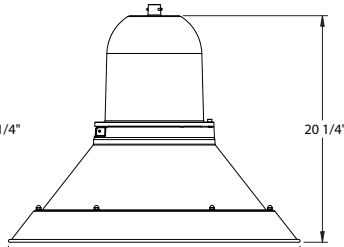
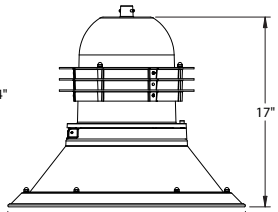



HDNR-P-MRDS-26

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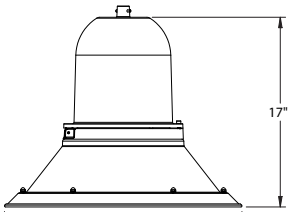


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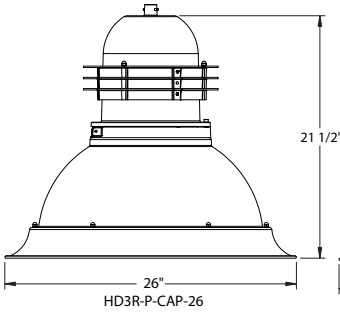


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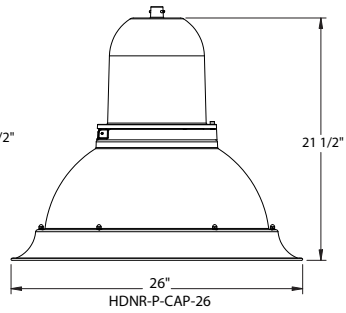


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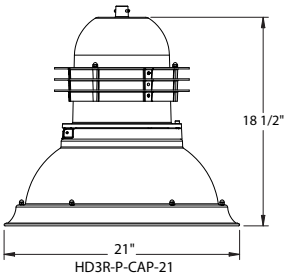


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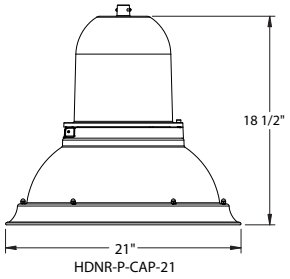


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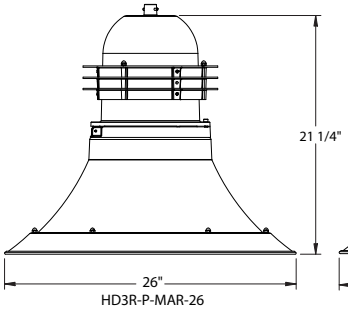


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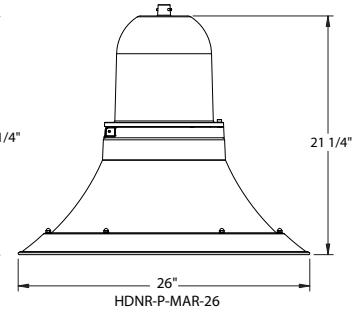


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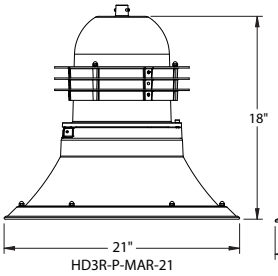


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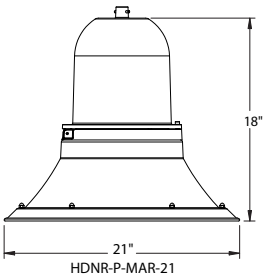


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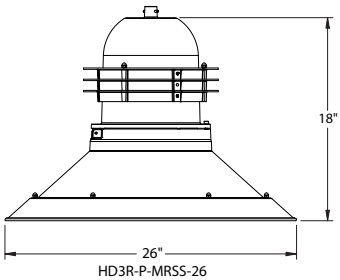
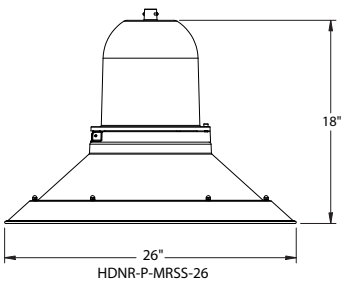



HD3R-P-MRSS-26




HDNR-P-MRSS-26

# URBAN SERIES

URBAN LUMINAIRE

## DELIVERED LUMENS

| # of LEDs | DRIVE CURRENT (mA) | SYSTEM WATTS | DISTRIBUTION TYPE | 5K (5000K nominal, 70 CRI) | | | | | 4K (4000K nominal, 70 CRI) | | | | | 3K (3000K nominal, 70 CRI) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | LUMENS | LPW | B | U | G | LUMENS | LPW | B | U | G | LUMENS | LPW | B | U | G |
| 24 | 350mA | 27W | FR | 3871 | 138 | 1 | 0 | 0 | 3990 | 143 | 1 | 0 | 0 | 3667 | 131 | 0 | 0 | 0 |
| | | | 2 | 3750 | 134 | 2 | 0 | 0 | 3838 | 137 | 1 | 0 | 1 | 3528 | 126 | 1 | 0 | 1 |
| | | | 3 | 3638 | 130 | 1 | 0 | 1 | 3750 | 134 | 1 | 0 | 1 | 3446 | 123 | 1 | 0 | 1 |
| | | | 4 | 3680 | 131 | 0 | 0 | 1 | 3794 | 135 | 0 | 0 | 1 | 3486 | 129 | 0 | 0 | 1 |
| | | | 4W | 3612 | 129 | 1 | 0 | 1 | 3723 | 133 | 1 | 0 | 1 | 3422 | 122 | 1 | 0 | 1 |
| | | | 5QM | 3750 | 134 | 2 | 0 | 0 | 3866 | 138 | 2 | 0 | 0 | 3553 | 127 | 2 | 0 | 0 |
| | | | 5R | 3763 | 134 | 2 | 0 | 2 | 3879 | 139 | 2 | 0 | 2 | 3565 | 127 | 2 | 0 | 2 |
| | | | 5W | 3556 | 127 | 2 | 0 | 1 | 3666 | 131 | 3 | 0 | 1 | 3369 | 120 | 2 | 0 | 1 |
| 24 | 700mA | 55W | FR | 6451 | 113 | 1 | 0 | 1 | 6650 | 117 | 1 | 0 | 1 | 6112 | 107 | 1 | 0 | 1 |
| | | | 2 | 6251 | 110 | 3 | 0 | 1 | 6397 | 112 | 1 | 0 | 2 | 5879 | 103 | 1 | 0 | 1 |
| | | | 3 | 6063 | 106 | 1 | 0 | 2 | 6250 | 110 | 1 | 0 | 2 | 5744 | 101 | 1 | 0 | 2 |
| | | | 4 | 6133 | 108 | 1 | 0 | 2 | 6323 | 111 | 1 | 0 | 2 | 5811 | 102 | 1 | 0 | 2 |
| | | | 4W | 6020 | 106 | 1 | 0 | 2 | 6206 | 109 | 1 | 0 | 2 | 5703 | 100 | 1 | 0 | 2 |
| | | | 5QM | 6251 | 110 | 3 | 0 | 1 | 6444 | 113 | 3 | 0 | 1 | 5922 | 104 | 2 | 0 | 1 |
| | | | 5R | 6272 | 110 | 3 | 0 | 3 | 6466 | 113 | 3 | 0 | 3 | 5942 | 104 | 3 | 0 | 3 |
| | | | 5W | 6926 | 104 | 3 | 0 | 1 | 6110 | 107 | 3 | 0 | 1 | 5615 | 99 | 3 | 0 | 1 |
| 36 | 700mA | 85W | FR | 9672 | 113 | 1 | 0 | 1 | 9970 | 117 | 1 | 0 | 1 | 9173 | 107 | 1 | 0 | 1 |
| | | | 2 | 9303 | 109 | 1 | 0 | 2 | 9591 | 112 | 1 | 0 | 2 | 8823 | 103 | 1 | 0 | 2 |
| | | | 3 | 9089 | 107 | 1 | 0 | 2 | 9370 | 110 | 1 | 0 | 2 | 8621 | 101 | 1 | 0 | 2 |
| | | | 4 | 9195 | 108 | 1 | 0 | 2 | 9479 | 111 | 1 | 0 | 2 | 8721 | 102 | 1 | 0 | 2 |
| | | | 4W | 9025 | 106 | 1 | 0 | 2 | 9304 | 109 | 1 | 0 | 2 | 8559 | 100 | 1 | 0 | 2 |
| | | | 5QM | 9371 | 110 | 3 | 0 | 1 | 9661 | 113 | 3 | 0 | 1 | 8888 | 104 | 3 | 0 | 1 |
| | | | 5R | 9403 | 110 | 3 | 0 | 3 | 9694 | 114 | 3 | 0 | 3 | 8918 | 105 | 3 | 0 | 3 |
| | | | 5W | 8885 | 105 | 3 | 0 | 2 | 9160 | 108 | 4 | 0 | 2 | 8427 | 100 | 3 | 0 | 2 |
| 48* | 700mA | 110W* | FR | 12895 | 116 | 1 | 0 | 1 | 13294 | 120 | 1 | 0 | 1 | 12230 | 110 | 1 | 0 | 1 |
| | | | 2 | 12404 | 112 | 2 | 0 | 2 | 12788 | 115 | 2 | 0 | 2 | 11765 | 106 | 2 | 0 | 2 |
| | | | 3 | 12119 | 109 | 1 | 0 | 3 | 12494 | 113 | 1 | 0 | 3 | 11494 | 104 | 1 | 0 | 2 |
| | | | 4 | 12260 | 110 | 1 | 0 | 3 | 12639 | 114 | 1 | 0 | 3 | 11628 | 105 | 1 | 0 | 3 |
| | | | 4W | 12033 | 108 | 2 | 0 | 3 | 12405 | 112 | 2 | 0 | 3 | 11413 | 103 | 2 | 0 | 2 |
| | | | 5QM | 12494 | 113 | 3 | 0 | 2 | 12881 | 116 | 3 | 0 | 2 | 11850 | 107 | 3 | 0 | 2 |
| | | | 5R | 12537 | 113 | 3 | 0 | 3 | 12925 | 116 | 4 | 0 | 4 | 11891 | 107 | 3 | 0 | 3 |
| | | | 5W | 11847 | 107 | 4 | 0 | 2 | 12213 | 110 | 4 | 0 | 2 | 11236 | 101 | 4 | 0 | 2 |
| 60* | 700mA | 136W* | FR | 16119 | 117 | 1 | 0 | 2 | 16618 | 121 | 2 | 0 | 2 | 15288 | 112 | 1 | 0 | 2 |
| | | | 2 | 15505 | 113 | 2 | 0 | 2 | 15985 | 117 | 2 | 0 | 2 | 14706 | 107 | 2 | 0 | 2 |
| | | | 3 | 15149 | 111 | 2 | 0 | 3 | 15617 | 114 | 2 | 0 | 3 | 14368 | 105 | 2 | 0 | 3 |
| | | | 4 | 15324 | 112 | 1 | 0 | 3 | 15798 | 115 | 1 | 0 | 3 | 14534 | 106 | 1 | 0 | 3 |
| | | | 4W | 15041 | 110 | 2 | 0 | 3 | 15506 | 113 | 2 | 0 | 3 | 14266 | 104 | 2 | 0 | 3 |
| | | | 5QM | 15618 | 114 | 4 | 0 | 2 | 16101 | 118 | 4 | 0 | 2 | 14813 | 108 | 3 | 0 | 2 |
| | | | 5R | 15671 | 114 | 4 | 0 | 4 | 16156 | 118 | 4 | 0 | 4 | 14864 | 108 | 4 | 0 | 4 |
| | | | 5W | 14809 | 108 | 4 | 0 | 2 | 15267 | 111 | 4 | 0 | 2 | 14046 | 103 | 4 | 0 | 2 |

Notes:

1 Lumen 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.

* Available in the 26" Urban only

# URBAN SERIES

URBAN LUMINAIRE

## ELECTRICAL DATA

| # OF LEDS | Number of Drivers | Drive Current (mA) | Input Voltage (V) | System Power (Watts) | Oper. Current (Amps) |
|---|---|---|---|---|---|
| 24 | 1 | 350mA | 120 | 27 | 0.27 |
| | | | 277 | | 0.12 |
| | | | 347 | | 0.09 |
| | | | 480 | | 0.07 |
| 24 | 2 | 700 mA | 120 | 55 | 0.55 |
| | | | 277 | | 0.24 |
| | | | 347 | | 0.19 |
| | | | 480 | | 0.14 |
| 36 | 1 | 700 mA | 120 | 80 | 0.80 |
| | | | 277 | | 0.35 |
| | | | 347 | | 0.28 |
| | | | 480 | | 0.20 |
| 48 | 1 | 700 mA | 120 | 110 | 1.1 |
| | | | 277 | | 0.43 |
| | | | 347 | | 0.38 |
| | | | 480 | | 0.28 |
| 60 | 1 | 700 mA | 120 | 136 | 1.4 |
| | | | 277 | | 0.59 |
| | | | 347 | | 0.47 |
| | | | 480 | | 0.34 |

## LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

| 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).

## PROJECTED LUMEN MAINTENANCE

| Ambient Temperature | OPERATING HOURS | | | | | |
|---|---|---|---|---|---|---|
| | 0 | 25,000 | 50,000 | *TM-21-11 L90 60,000 | 100,000 | L70 (Hours) |
| 25°C / 77°F | 1.00 | 0.97 | 0.95 | 0.95 | 0.86 | >470,000 |

Notes:

* Projected per IESNA TM-21-11. Data references the extrapolated performance projections for thebase model in a 40°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.

## EPA

| EPA: X.XX sqft | | PM | SM | YM |
|---|---|---|---|---|
| CAP | 21 | 1.04 | 1.14 | 1.39 |
| | 26 | 1.39 | 1.49 | 1.79 |
| MAR | 21 | 1.00 | 1.10 | 1.35 |
| | 26 | 1.25 | 1.35 | 1.65 |
| MRDS | 21 | 1.00 | 1.10 | 1.35 |
| | 26 | 1.25 | 1.35 | 1.65 |
| MRSS | 26 | 1.17 | 1.27 | 1.57 |

## FOR ALL CONFIGURATIONS LINE DRAWINGS PLEASE SEE:

**URB-HD-P.PDF**
**URB-HD-S.PDF**
**URB-HD-YM.PDF**