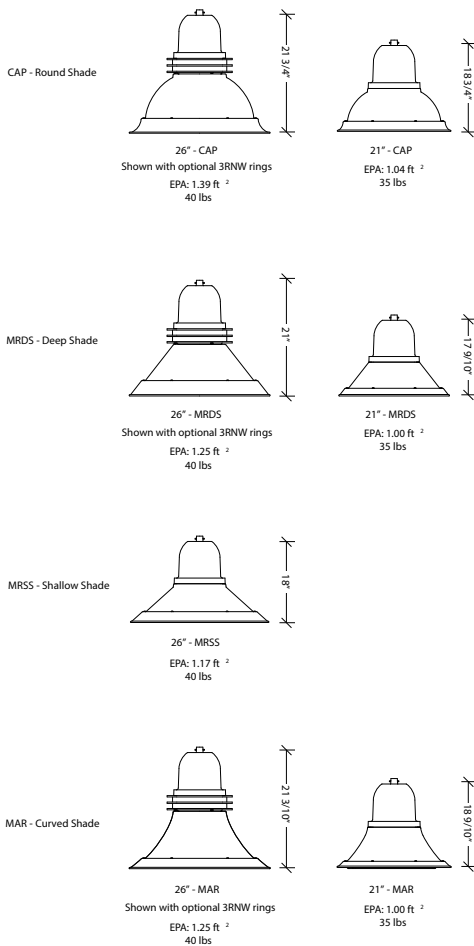




DIMENSIONS



SPECIFICATIONS

HOUSING - 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 LED bezel assembly shall be attached to a one-piece aluminum heat sink to provide direct-heat exchange between the LED light engine and the cool outdoor air. 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 pendant mounted in place with a stainless steel safety pin and the permanently held in place with four stainless steel bolts.

BEZEL OPTICAL SYSTEM - Each WLS UBR Series luminaire is supplied with an Optical one piece cartridge systems consisting of an LED engine, LED lamps, optics, gasket and stainless steel bezel. The 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. A two piece die cut silicone and polycarbonate foam gasket ensures a weather-proof seal around each individual LED and allows the luminaire to be rated for high-pressure hose down applications.

The optical cartridge is secured to the aluminum heat sink with fasteners to ensure thermal conductivity. The optics are held in place without the use of adhesives and the complete assembly is gasketed for high pressure hose down cleaning. The cartridge assembly is available in various lighting distributions using TIR designed Acrylic optical lenses over each LED.

ELECTRICAL - Luminaires are equipped with an LED driver that accepts 100V through 277V, 50 Hz to 60 Hz (UNIV), or a driver that accepts 347V or 480V input. Power factor is .92 at full load. All electrical components are rated at 50,000 hours at full load and 40°C ambient conditions per MIL-217F Notice 2. Optional 0-10V dimming drivers are available upon request. All driver components supplied are component-to-component wiring within the luminaire will carry no more than 80% of rated current and is listed by UL for use at 600 VAC at 50°C or higher. Plug disconnects are listed by UL for use at 600 VAC, 15A or higher.

SURGE PROTECTOR - The on-board surge protector shall be a UL recognized component for the United States and Canada and have a surge current rating of 20,000 Amps using the industry standard 8/20 pSec wave. The LSP shall have a clamping voltage of 825V and surge rating of 540J. The case shall be high-temperature, flae resistant plastic enclosure.

FASTENERS - All fasteners shall be stainless steel. When tamper resistant fasteners are required, spanner HD (snake eye) style shall be provided (special tool required, consult factory).

COLOR RENDERING INDEX - Luminaires shall have a minimum CRI of 67 st 5000K.

OPERATING ENVIRONMENT - Shall be able to operate normally in ambient temperatures from -40°C to 40°C.

FINISH - Finish shall be a Beacote V polyester powder-coat electro-statically applied and thermocured. Beacote V finish shall consist 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 shall meet the AAMA 605.2 performance specifications which includes passing a 3000 hour salt spray test for corrosion resistance and resist cracking or loss of adhesion per ASTM D522 and resists surface impacts of up to 160 inch-pounds.

WARRANTY - The UBR Series features a 5 year limited warranty. Contact the factory for details.

Approved By: _____ Project Name: _____

Location: _____ Date: _____



UBR SERIES

DECORATIVE LED

ORDERING INFORMATION SELECT APPROPRIATE CHOICE FROM EACH COLUMN TO FORMULATE ORDER CODE. Refer to example below.

SERIES	MODEL	ENGINE/ WATTS	COLOR TEMP	OPTICS	VOLTAGE	ELECTRICAL OPTIONS	COLOR	STYLE OPTIONS
UBR	CAP-21 - 21" Capitol MRDS-21 - 21" Miramar deep shade MAR-21 - 21" Maritas CAP-26 - 26" Capitol MRSS-26 - 26" Miramar shallow shade MRDS-26 - 26" Miramar deep shade MAR-26 - 26" Maritas	24NB-27 - 27 Watts 24NB-55 - 55 Watts 36NB-80 - 80 Watts 48NB-110 - 110 Watts ³ 60NB-136 - 136 Watts ³	3K - 3000K 4K - 4000K 5K - 5000K (standard)	2 - Type II 3 - Type III 4 - Type IV 5R - Type V, rectangular 5QM - Type V, square medium 5W - Type V, round wide	UNV - 120-277V 347 - 347V 480 - 480V	PEC - photocell, button 2PF - Dual Power Feed ^{1,2} NO - No Options	BBT - Basic Black Textured BMT - Black Matte Textured WHT - White Textured MBT - Metallic Bronze Textured BZT - Bronze Textured DBT - Dark Bronze Textured GYS - Grey Smooth DPS - Dark Platinum Smooth GNT - Green Textured MST - Metallic Silver Textured MTT - Metallic Titanium Textured OWI - Old World Iron CC - Custom Color	NRNW - No Rings 3RNW - Three Cast Rings

UBR CAP-21 24NB-55 5K 5R UNV NO BBT NRNW
 (EXAMPLE ORDER)

ORDER:
WLS-UBR

FOOTNOTES:

- 1- Not available on 24NB-27.
- 2- Not available @ 347V or 480V input.
- 3- 26" UBR only.

Power/Lumens & Distributions

Engine	Wattage	Delivered Lumens (varies by optic)	Delivered LPW	TM21 Calculated % Lumen Maint. at 100,000 hrs
24NB	27	2752-3014	105-115	96.19%
24NB	55	5138-5500	93-100	96.19%
36NB	80	6935-8215	93-103	94.87%
48NB	110	10240-10950	93-103	92.73%
60NB	136	12800-13700	93-103	85.79%

TM21 is the framework for taking LM-80 data and making useful LED lifetime projections. Reported and Calculated Lifetimes shown are based on hours at the time of this printing. For current Reported and Calculated hours please contact factory or Beacon's web-site.

CCT (COLOR TEMP) Lumen Output Multipliers	CRI (Color Rendering)
5000K = 1.0	min 67 CRI
4000K = .92	min 70 CRI
3000K = .75	min 80 CRI

Approved By: _____ Project Name: _____

Location: _____ Date: _____

1919 Windsor Place ■ Fort Worth, TX 76110 ■ 800.633.8711 ■ Fax: 817.735.4824 ■ www.wslighting.com



Consider the Impact!