



## DIMENSIONS



## SPECIFICATIONS

**HOUSING** - All cast aluminum parts shall be low copper alloy A356. All extruded aluminum parts shall be alloy 6061-T6, 6063-T5 or equal.

**CONSTRUCTION** - The upper chamber/lid shall be topped by a decorative cast aluminum finial/cap and mechanically fastened to the optical chamber. The cast multi-sided cage shall accommodate UV stabilized acrylic or polycarbonate lenses (side panels) which shall be sealed for weather tight operation. The electrical chamber/fitter shall be aluminum, decorative filter designed to accommodate the ballast assembly and shall mount to 3 OD x 3" H tenon and secured by three stainless steel set screws.

**FASTENERS** - All fasteners shall be Corrosion Resistant. When tamper resistant fasteners are required, spanner HD (snake eye) style shall be provided (special tool required, available at additional cost).

**FINISH** - Finish shall be a polyester powder-coat electrostatically applied and 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 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-pound.

**BEZEL OPTICAL SYSTEM** - Each luminaire is supplied with an optical one piece cartridge system 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. Two-piece 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 extruded housing with fasteners and a heat pad to ensure thermal conductivity. The optics are held in place without the use of adhesives and the complete assemble is gasketed for high pressure hose down cleaning. The cartridge assembly is available in various lighting distributions using a specially designed acrylic optical lens over each LED.

**POWER SUPPLY/DRIVER REQUIREMENTS** - U.L. UL1310, Class 2 and UL48 compliant

**COLOR RENDERING INDEX (CRI)** - Luminaire shall have a minimum CRI of 67 at 5000K.

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

**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 a high-temperature, flame resistant plastic enclosure.

**ELECTRICAL** - Luminaires are equipped with LED driver(s) that accept 90 through 305 VAC, 50 Hz to 60 Hz (UNIV). Powerfactor is .92 at full load. All electrical components are rated at 50,000 hours at full load and 25°C ambient conditions per MIL-217F Notice 2. 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 600VAC at 50°C or higher. Plug disconnects are listed by UL for use at 600 VAC, 15A or higher.

**AGENCY CERTIFICATION** - The luminaire shall bear an NRTL label and be marked suitable for wet locations.

**LIMITED WARRANTY** - The luminaire feature a 5 year limited warranty. Luminaire with LED arrays feature a 5 year limited warranty covering the LED arrays. LED drivers are covered by a 5 year limited warranty. PIR sensors carry a 5 year limited warranty from the sensor manufacturer.

Approved By: \_\_\_\_\_ Project Name: \_\_\_\_\_

Location: \_\_\_\_\_ Date: \_\_\_\_\_

1919 Windsor Place ■ Fort Worth, TX 76110 ■ 800.633.8711 ■ Fax: 817.735.4824 ■ [www.wslighting.com](http://www.wslighting.com)

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# T2 LED DECORATIVE SERIES

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

SERIES	CAGE	HOUSING	SOURCE	COLOR TEMP	VOLTAGE	OPTICS	ELECTRICAL OPTIONS	COLOR
T2	C1	H2	24NB-55 - 55 Watts - LED array 36NB-80 - 80 Watts - LED array 48NB-110 - 110 Watts - LED array	3K - 3000K 4K - 4000K 5K - 5000K	UNV - 120-277V 347 - 347V 480 - 480V	DIR2 - Type II DIR3 - Type III DIR4 - Type IV DIR5 - Type V	PEC - Photocell, Button PCR-TL - Photocell, Twist-Lock PCR-SC - Photocell, Shorting Cap NO - No Options	BBT - Basic Black Textured BMT - Black Matte Textured WHT - White Textured MBT - Metallic Bronze Textured BZT - Bronze Textured DBT - Bark Bronze Textured GYS - Gray Smooth DPS - Dark Platinum Smooth GNT - Green Textured MST - Metallic Silver Textured MTT - Metallic Titanium Textured OWI - Old World Iron CC - Custom Color

**T2 C1 H2 36NB-80 5K UNV DIR5 NO GYS**  
(EXAMPLE ORDER)

**ORDER:**  
**WLS-T2**

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Location: \_\_\_\_\_ Date: \_\_\_\_\_

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