

SPECIFICATIONS

CONSTRUCTION - The upper shade is a one piece aluminum plate. The underside of the shade shall be painted with a reflective white paint when a dark color is specified. The shades shall be supported with two 316 grade polished stainless steel uprights which are threaded into the cast housing and fastened to the shade adjustment brackets, which can be rotated in 15° increments, up to 30°. Slips over a 4" tenon. Two cast aluminum, adjustable knuckles shall connect the reflector assembly to the vertical, #316 stainless steel struts. The housing has all cast aluminum parts that are ASTM356 marine grade alloy. The housing is cast aluminum and designed to conceal all electronic equipment (including the LED light source and drivers) and shall be sealed for weather tight operation.

ADJUSTMENT - The Indirect upper shade can be tilted 15 to 45 degrees for an asymmetrical light distribution. The locking clamp design ensures a consistent tilt angle on all fixtures. The Indirect narrow beam shade focuses the light beam onto the center of the shade, when it is tilted. This improves efficiency and minimizes any stray light beyond the shade.

ELECTRICAL - The electronic driver(s) are mounted with nonferrous fasteners. The driver(s) have a high- temperature; flame-resistant (UL 94V-0 minimum) enclosure. The input voltage range is 120-277 VAC, 47 to 63 Hz with a 90% power factor at full load. An integral step-down transformer is provided when a 347V or 480V input voltage is required. Load regulation shall be +1- 3%. The driver shall have output over voltage and over current protection and output short circuit protection with auto recovery. Operating temperature shall be -30°C to 60°C. The driver is designed to operate for 100K hours (MTBF) and the LED source is rated for a minimum of 50K hours (70% lumen maintenance @ 25°C ambient temperature). The LED source is mounted to an aluminum heat sink and located within the optical housing. Dual drivers may be used for bi-level switching through panel or sensor control. The on-board surge protector is UL recognized component for the United States and Canada and has a surge current rating of 10,000 Amps using the industry standard 8/20 pSec wave. The LSP have a clamping voltage of 320V and surge rating of 372J. The case shall be a high-temperature, flame resistant plastic enclosure.

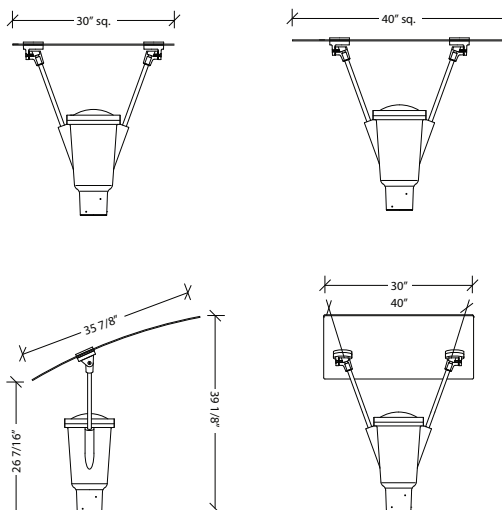
FASTNER - All fasteners are stainless steel. When tamper resistant fasteners are required, spanner HD (snake eye) style shall be provided (special tool required, consult factory).

FINISH - All aluminum components are subjected to five stage chrome-free pre-treatment process by immersion. V AAMA 2604 grade powder coat paint shall be electro statically applied following out gassing. All fasteners are stainless steel.

CERTIFICATION - The luminaire shall bear a CSA label and be marked suitable for wet locations.



DIMENSIONS



Approved By: _____ Project Name: _____

Location: _____ Date: _____

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

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LED AREA LUMINAIRE

ORDERING INFORMATION

SERIES	ENGINE	SHADE	COLOR TEMP	VOLTAGE	LUMINAIRE FINISH	OPTIONS
STI	24NB- 55 watt, LED array	30RD - Pole mount, Specify 4" DIA, 5" DIA, or Square pole 40RD - Pole with extended arm 30SQ - Wall mounted upright 40SQ - Wall mounted downlight CRS - Wall mounted downlight with extended arm	3K - 4000K 4K - 4000K 4K - 5000K	UNV - 120-277V 347 - 347V 480 - 480V 12VDC - 12VDC	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 Worl Iron RAL - Premium Color NOTE: The underside of the shade shall be painted white when other colors are specified	PEC - Photocell Button GENE - Energeni, when ordering specify code, contact WLS for more information

STI 24NB 30RD 3K UNV BBT N/A
(EXAMPLE ORDER)

ORDER: _____
WLS-STI _____

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