



SETI

The SETI is as much of an architectural statement as it is a high-performance, indirect LED luminaire. Suited for both indoor and outdoor applications, this luminaire utilizes monolithic cast body construction with 316 grade polished stainless steel vertical supports. Multiple and custom shade options are available, all of which are field adjustable in 15° increments up to 30°.

FEATURING

5 top shade styles

2 wattages

7 standard colors



Adjustable Shades:

The Seti provides a custom angled shade that can be adjusted from 0° to 30°. With the ability to direct the direction of light output, your project will possess architectural styling and customization.

architectural



30" Round Shade

30RD



40" Round Shade

40RD



30" Square Shade

30SQ



40" Square Shade

40SQ



30" x 36" Curved Shade

CRS



Wide Range of Options:

With a wide range of shade options, the Seti provides architects with a design solution to match the lines of their projects. Shades come in round and square shapes and Beacon also provides curved shades and custom profiles (consult factory for custom profiles).



Type:

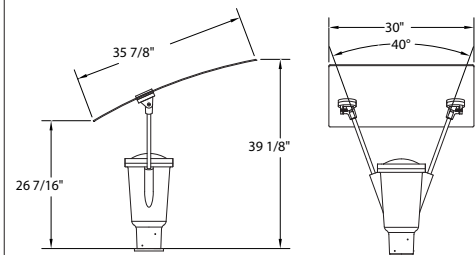
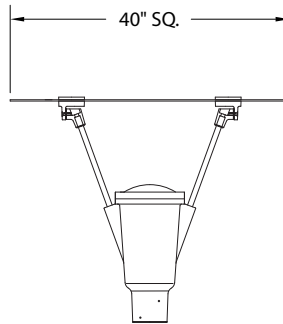
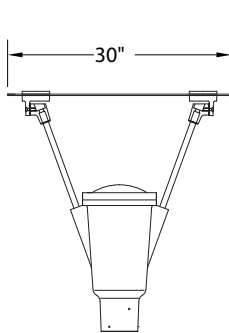
Ordering Code:

Job Name:

Notes:

SETI

shade options



ORDERING EXAMPLE: SETI /24G-30 / UNV /30RD / BW

model	engine-watts	voltage	shade	electrical options	color
SETI	24G-30	UNV 120-277V	30RD 30" round	PEC photocell	BB black
	24G-60	347V	40RD 40" round		BZ bronze
		480V	30SQ 30" square		BW white
		12VDC consult factory	40SQ 40" square		BG green
			CRS curved rectangle shade		BY gray
					MB metallic bronze
					MT metallic titanium
					___ RAL
					___ other

Note: The underside of the shade shall be painted white when other colors are specified.

Amber LEDs available (consult factory for watts and lumens)

INDIRECT UPPER SHADE: The upper shade shall be 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.

HOUSING CONSTRUCTION: All cast aluminum parts shall be ASTM356 marine grade alloy.

The housing shall be cast aluminum and designed to conceal all electronic equipment (including the LED light source and drivers) and shall be sealed for weather tight operation.

SHADE 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.

LAMP MODULE: The reflector shall be enclosed in cast aluminum housing. The front cover is secured with four cap screws for re-lamping and internal access. The front glass element is clear, tempered glass. The front cover and electrical module are sealed with memory retentive, molded silicone gaskets.

The parabolic reflector shall be pre-focused to illuminate the upper reflector with no stray light beyond the reflector. The fixture shall be rated as a cutoff luminaire. The top reflector rotates by loosening two stainless steel cap screws. All internal and external hardware is stainless steel.

ELECTRICAL: The electronic driver(s) shall be mounted with nonferrous fasteners. The driver(s) shall have a high- temperature; flame-resistant (UL 94V-0 minimum) enclosure. The input voltage range shall be 120-277 VAC 47 to 63 Hz with a 90% power factor at full load. An integral step-down transformer shall be 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 shall be designed to operate for 100K hours (MTBF) and the LED source shall be rated for a minimum of 50K hours (70% lumen maintenance @ 25°C ambient temperature). The LED source shall be 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. Consult factory for HID lamp and optical options.

SURGE PROTECTOR: The onboard surge protector shall be a UL recognized component for the United States and Canada and have a surge current rating of 10,000 Amps using the industry standard 8/20 pSec wave. The LSP shall have a clamping voltage of 320V and surge rating of 372J. The case shall be a high-temperature, flame 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).

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

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

WARRANTY: Beacon luminaires feature a 5 year limited warranty. Beacon LED luminaires 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. See Warranty Information on www.beaconproducts.com complete details and exclusions.

Please note: for optimum performance, the shade is always finished with a high reflectance white powdercoat finish.