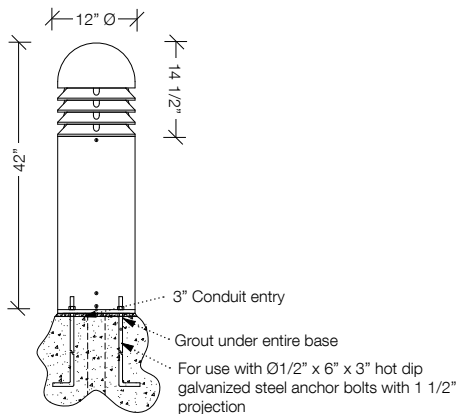


Type:
Project Name:
Notes:

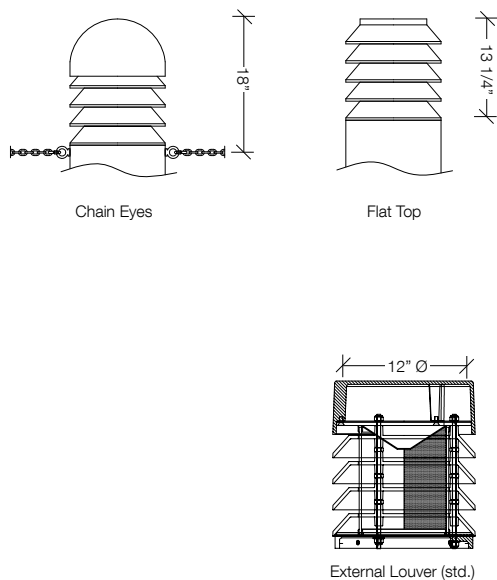
rev. 10.10.2018
PB242 (LED)
Ø12" Palm Beach Bollard

Sample	PB242	42	AC	24L-55	5K	UNV	IND5	OCS-BI	CES	DMT	BBT
Ordering											
	A	B	C	D	E	F	G	H	I	J	K

DETAILS



STYLE OPTIONS



A. MODEL

PB242 Ø12" Palm Beach

B. HEIGHT

42 42 inches
— custom

C. LENS FINISH

AC acrylic, clear
AF acrylic, frosted

D. ENGINE-WATTS

24L-55 55 Watts - LED array

E. CCT - COLOR TEMP

3K 3000K
4K 4000K
5K 5000K (std.)

F. VOLTAGE

UNV 120-277V

G. OPTICS

IND5 indirect type V 360° (std.)

H. OPTIONS

HSS-120 housing side shield 120°
HSS-180 housing side shield 180°
OCS-BI microwave motion sensor ¹
ENL external louver (std.)

I. CHAIN OPTIONS

CES chain eye, single
CED chain eye, double

J. TOP OPTIONS

FLT flat top
DMT dome top

K. COLOR

BBT basic black textured
BMT black matte textured
WHT white textured
MBT metallic bronze textured
BZT bronze textured
DBT dark bronze textured
GSY gray smooth
DPS dark platinum smooth
GNT green textured
MST metallic silver textured
MTT metallic titanium textured
OWI old world iron
RAL —

¹ OCS-BI motion sensor time delay operates 1/2 LEDs @ half power

Housing: All cast aluminum parts shall be low copper alloy A356. All extruded aluminum parts shall be alloy 6061-T6, 6063-T5 or equal. The Lower Housing is .125" wall 6063-T5 extruded aluminum which connects to the top the mounting tenon with internal bolts, inaccessible after installation.

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 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 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.

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

Lens & Optical System: Beacon LED Bollards feature a removable and upgradeable LED module and heat sink. The drivers shall be mounted on a removable plate. The heat sink shall be 356 cast aluminum. Each LED is provided with one optical, 12 degree wide beam Type V lenses. The Heat Sink & LED Array shall be mounted to a mounting plate and pointed upwards into an indirect reflector.

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). Power factor is .92 at full load. 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.

Mounting: A high strength steel mounting plate, hot-dip galvanized after fabrication, is secured and double-nut leveled to the concrete footing with 5/8" x 24" x 3" hot dipped galvanized anchor bolts, hex head nuts and washers on a 9"Ø bolt circle.

Agency Certification: The luminaire shall bear an NRTL label and be marked suitable for wet locations.

Limited 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.beacon-products.com for complete details and exclusions.