RDA LIGHTING®

SMT6H-LED
Summit LED Bollard Series

| SMT6H12-LED10 | SMT6H24-LED20 | SMT6H36-LED24 |
| 12" | 24" | 36" |

IDEAL APPLICATIONS

- ✓ Pathways
- ✓ Parkettes
- ✓ Townhouses
- ✓ Landscape Applications
- ✓ Condos

DESCRIPTION:

The Summit Series is a dark sky friendly bollard with no uplight, DLC Luna listed for the 2700K CCT model. Also available in 4000K and 5000K CCT, this bollard series has high performance optics designed to fully eliminate glare for pedestrians and drivers passing by.
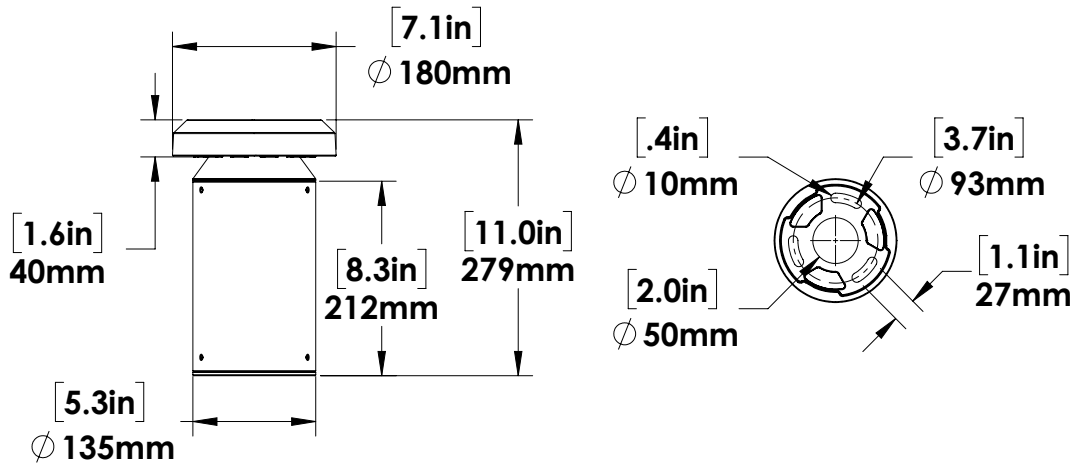
FEATURES:

- Aesthetic, slim, modern fixture design.
- 3 heights to choose from; 12", 24", 36"
- Full cut-off design eliminates uplight and light pollution. Optics are hidden from line of sight limiting glare while creating a comfortable experience for passersby.
- Innovative optic design creates even and uniform light distribution across the surface. High performance optics allow for more spacing between bollards reducing the number fixtures needed in an install.
- 2700K, 4000K, 5000K colour temperature options. 2700K CCT meets Dark Sky and DLC LUNA requirements. (DLC LUNA certification in progress).
- Custom paint finishes available.
- Extruded aluminum shaft, cast aluminum head and base with polyester powder coat paint finish
- IP66 rated - Designed to fully protect from dust ingress and powerful water jets.
- IK10 Rated - As per IEC 62262 Standard
- Twist Lock mechanism with stainless set screws for easy installation.
- Set of three zinc plated 8" long 3/8-16" anchor bolts with nuts and washers.

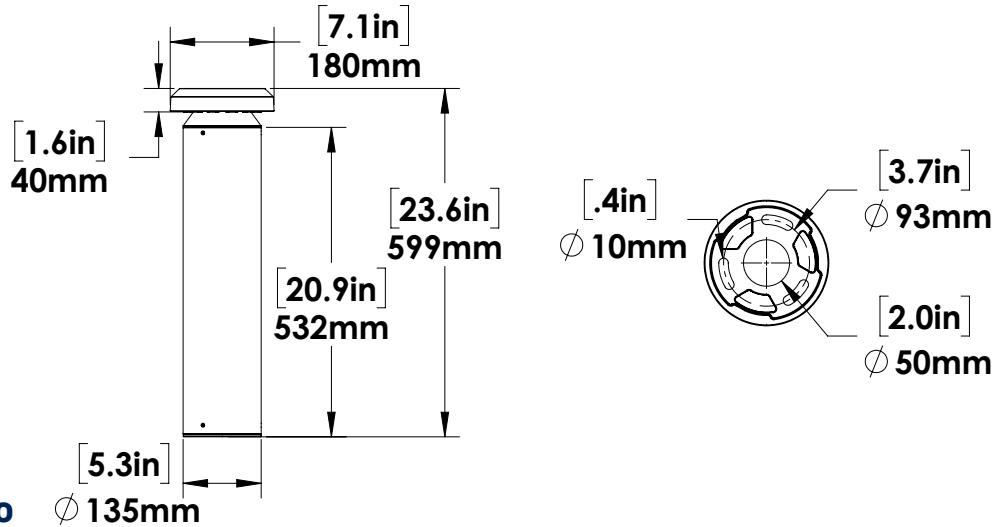| SPECIFICATIONS	SMT6H12-LED10	SMT6H24-LED20	SMT6H36-LED24
Watts	8 W	20 W	25 W
Lumens	840 Lm	2100 Lm	2625 Lm
Efficacy		105 Lm/W	
Voltage		120-277V	
CCT		2700*K, 4000K, 5000K	
Dimming		1-10V Dimming	
THD		<20%	
Power Factor	0.95	0.98	0.95
Beam Distribution		Type V (360 degree)	
LED Life (L70)		≥ 50,000 hours	
Housing Finish		Bronze*, Custom Colours	
Housing Details		Extruded aluminum shaft, cast aluminum head and base.	
Surge Protection		6kV (inbuilt surge suppresor)	
Height	12"	24"	36"
Shaft Diameter		5.3"	
Operating Temp.		-40°C to +40°C(-40°F to 104°F)	
Certifications		ETL, Wet Location, IP66, IK10, DLC LUNA (In Progress)	

*Standard Configuration
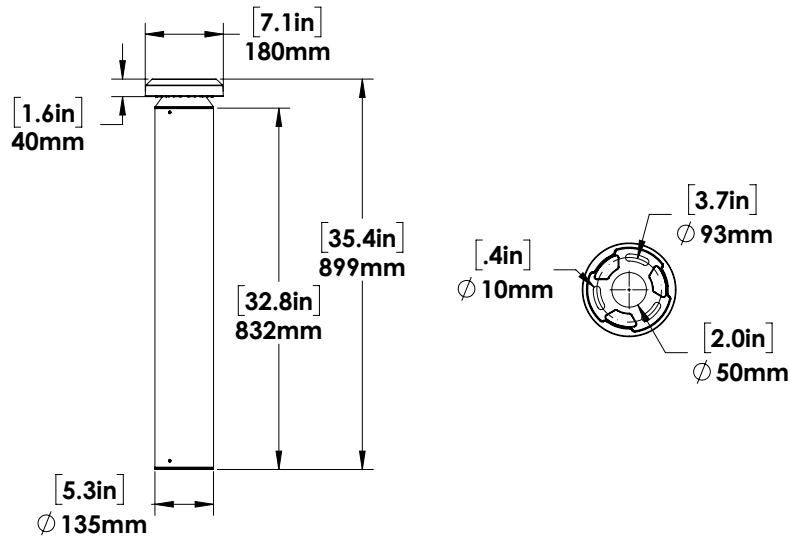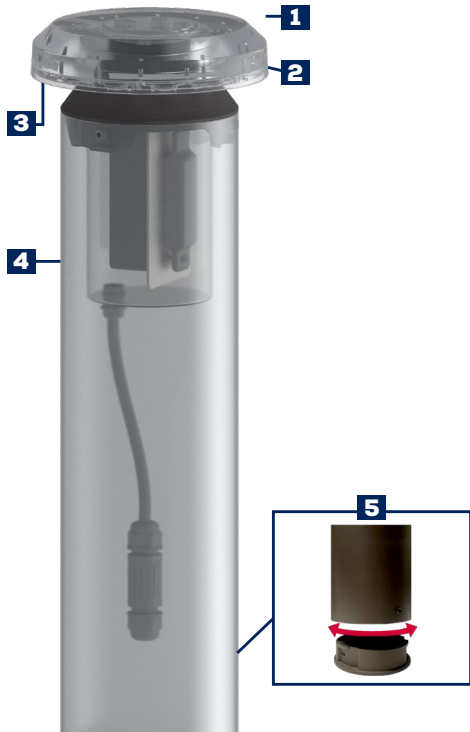Note: 2700K will meet DLC LUNA requirements.

ETL C US Intertek Listed · APPROVED FOR WET LOCATION · IP66 RATED · easy INSTALLATION · IK10 RATED · 5 YEAR WARRANTY

DIMENSIONS:

SMT6H12-LED10

Dimensions shown: Ø 180mm [7.1in], 40mm [1.6in], 212mm [8.3in], 279mm [11.0in], Ø 135mm [5.3in], Ø 10mm [.4in], Ø 93mm [3.7in], Ø 50mm [2.0in], 27mm [1.1in]

SMT6H24-LED20

Dimensions shown: 180mm [7.1in], 40mm [1.6in], 599mm [23.6in], 532mm [20.9in], Ø 135mm [5.3in], Ø 10mm [.4in], Ø 93mm [3.7in], Ø 50mm [2.0in]

SMT6H36-LED24

Dimensions shown: 180mm [7.1in], 40mm [1.6in], 899mm [35.4in], 832mm [32.8in], Ø 135mm [5.3in], Ø 10mm [.4in], Ø 93mm [3.7in], Ø 50mm [2.0in]

AMPERAGE DRAW & SURGE PROTECTION

	CURRENT (A)				SURGE PROTECTION (kV)
	120V	208V	240V	277V	120-277V
SMT6H12-LED10	0.09A	0.06A	0.05A	0.04A	
SMT6H24-LED20	0.18A	0.11A	0.09A	0.08A	6kV
SMT6H36-LED24	0.21A	0.13A	0.11A	0.1A	

SUMMIT LED BOLLARD

1.

Full Cut-off Shielded Design
- Zero uplight
- Dark Sky Friendly

2.

Optics
- Designed for wide spread illumination and glare control.
- Hidden from line of sight.

Anti Glare Cone Design
- Eliminates glare above light aperture.

3.

LED Module
- Options for 5000K, 4000K or 2700K CCT

4.

Bollard Construction
- Robust construction with extruded aluminum shaft, cast aluminum head and base with polyester powder coat paint finish.

5.

Twist Lock Mechanism
- Twist lock mechanism for shaft and base held in place with three set screws

ORDERING GUIDE:

		B		T5		DIM
Fixture	Wattage	Voltage	Color Temp.	Optics	Finish	Dimming
SMT6H12	LED10	B - 120-277V	2.7K - 2700K*	T5-360 Degrees	BRZ - Bronze*	DIM - 1-10V Dimming
SMT6H24	LED20		4K - 4000K		CC - Custom Color	
SMT6H36	LED24		5K - 5000K			

*Standard Configuration

Note:
- 3/8-16" anchor bolt set and IP66 cable connector
  included with product.
- Anchor Bolt Template pattern can be accessed online
  under Resources.

STOCK CODE	DESCRIPTION
052597	SMT6H12-LED10-B-4K-T5-BRZ-DIM
052595	SMT6H24-LED20-B-4K-T5-BRZ-DIM
052596	SMT6H36-LED24-B-4K-T5-BRZ-DIM