System bollard tube · Integral DALI-2 enabled photocell and PIR motion sensor

BEGA

Type:
BEGA Product:
Project:
Modified:

Application
BEGA system bollard tube with photocell and passive infrared motion sensor. An accompanying DALI-2 enabled bollard head must be selected for proper installation. Default operating sequence: Automatic ON to 30% output when ambient levels <500lux. Increase to 100% output for 10mins upon motion detection, then return to 30% output resting state. Automatic OFF when ambient levels >500lux. Consult factory for custom motion sensor settings. Standard product includes integral bus power supply.

Materials
Extruded aluminum
Marine grade, copper free (≤ 0.3% copper content) A360.0 aluminum alloy
Integral DALI-2 PIR motion and light sensor
Interlocking stainless steel mounting mechanism for attachment of head and tube
Pre-wired with 5-pole plug-in connectors for ease of installation
Stainless steel hardware
Stainless steel helicoils
Anchor bolts provided with (2) hex nuts and (2) flat washers
Threaded stainless steel anchor rods

NRTL listed to North American Standards, suitable for wet locations
Protection class IP 65

Weight: 14.1 lbs.

Electrical

Operating voltage	120-277V AC
Minimum start temperature	-20° C
Controllability	DALI-2

Finish
All BEGA standard finishes are matte, textured powder coat with minimum 3 mil thickness. BEGA Unidure® finish provides superior fade protection in Black, Bronze, and Silver. BEGA standard White is a super durable polyester powder. Optionally available RAL, custom, and premium colors provided in polyester powder and/or liquid paint.

Available colors
☐ Black (BLK)
☐ Bronze (BRZ)
☐ Silver (SLV)
☐ White (WHT)
☐ Natural Bronze (NTB)
☐ RAL:
☐ CUS:

Available options

☐ 70896	Direct burial anchorage (replaces included anchorage kit, pre-shippable)
☐ CUS	Custom finish
☐ MGU	Marine grade undercoat
☐ NTB	Natural bronze (premium finish)
☐ RAL	RAL Classic, matte finish
☐ WBPS	Without bus power supply

Included (available for pre-shipment)

☐ B79818	Anchorage kit





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	A	B
B84760	$7\,^{1}/_{2}$	32

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System bollard summary · Round

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The overview provides a compact summary of the possibilities for combining the various bollard heads with the bollard tubes and their additional functions.
For each bollard head you can find matching bollard tubes with and without components.

System bollard heads with compatible tubes									
BEGA bollard tubes Ø in inches	ø5½ ø7½	ø5½ ø7½ ø10⅜	ø5½ ø7½	ø5½ ø7½	ø7½	ø7½ ø10⅜	ø7½ ø10⅜	ø7½	ø5½ ø7½ ø10⅜
 Without components in two heights	• •	• • •	• •	• •	•	• •	• •	•	• • •
 With integral floodlight	•	•	•	•	•	•	•	•	•
 With integral PIR motion sensor	•	• •	•	• •	•	• •	•	• •	• •
 With emergency lighting battery	•	• •	•	• •	•	• •	•	• •	• •
 With drive-through protection	•	•	•	•		•		•	•
 With integral GFCI outlet	•	• •	•	• •	•	• •	•	• •	• •
 With integral 240V receptaclefor electric vehicles	•	•	•	•		•		•	•
 Wood bollard tubes	• •	• • •	• •	• •	•	• •	• •	•	• • •

Compatible heads · Ø7½

System bollard head · Unshielded · 360°

	LED	A	B
B99727	16.5 W	7½	7¼

System bollard head · Unshielded with safety guard · 180°

	LED	A	B
B99776	16.5 W	7½	7¼

System bollard head · Unshielded with safety guard · 360°

	LED	A	B
B99765	16.5 W	7½	7¼

System bollard head · Shielded with reflector · 180°

	LED	A	B
B99857	16.5 W	7½	7¼

System bollard head · Shielded with reflector · 360°

	LED	A	B
B99856	16.5 W	7½	7¼

System bollard head · Unshielded with safety guard · 360°

	LED	A	B
B84683	16.5 W	7½	9⅛

System bollard head · Shielded · 360°

	LED	A	B
B99862	16.5 W	7½	5½

System bollard head · Shielded · 360°

	LED	A	B
B84642	31.6 W	15	1¾

System bollard head · Non-illuminated cap

	A	B
B71127	7½	0¾

System bollard head · Shielded with reflector · 360°

	LED	A	B	C
B84244	15.6 W	14	8⅛	7½

System bollard head · 180° light output

	LED	A	B
B84706	8.2 W	7½	2¼

System bollard head · 360° light output

	LED	A	B
B84704	16.6 W	7½	2¼

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