

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.

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	120-277VAC
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:	

Type:
BEGA Product:
Project:
Modified:

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

Included (available for pre-shipment)

B79818	Anchorage kit
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System bollard tube · Integral DALI-2 enabled photocell and PIR motion sensor

B84760	A 7 1/2	B 32
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System bollard summary · Round

BEGA

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		ø5 1/2	ø7 1/2	ø5 1/2	ø7 1/2	ø10 3/8	ø5 1/2	ø7 1/2	ø5 1/2	ø7 1/2	ø7 1/2	ø7 1/2	ø10 3/8	ø7 1/2	ø10 3/8	ø7 1/2	ø10 3/8	ø7 1/2	ø5 1/2	ø7 1/2	ø10 3/8
	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 receptacle for electric vehicles					•							•		•						•
	Wood bollard tubes	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			•	•	•

Compatible heads · Ø7 1/2

System bollard head · Unshielded · 360°

	LED	A	B
B99727	16.5 W	7 1/2	7 1/4

System bollard head · Unshielded with safety guard · 180°

	LED	A	B
B99776	16.5 W	7 1/2	7 1/4

System bollard head · Unshielded with safety guard · 360°

	LED	A	B
B99765	16.5 W	7 1/2	7 1/4

System bollard head · Shielded with reflector · 180°

	LED	A	B
B99857	16.5 W	7 1/2	7 1/4

System bollard head · Shielded with reflector · 360°

	LED	A	B
B99856	16.5 W	7 1/2	7 1/4

System bollard head · Unshielded with safety guard · 360°

	LED	A	B
B84683	16.5 W	7 1/2	9 1/8

System bollard head · Shielded · 360°

	LED	A	B
B99862	16.5 W	7 1/2	5 1/2

System bollard head · Shielded · 360°

	LED	A	B
B84642	31.6 W	15	1 3/4

System bollard head · Non-illuminated cap

	A	B
B71127	7 1/2	0 3/4

System bollard head · Shielded with reflector · 360°

	LED	A	B	C
B84244	15.6 W	14	8 1/8	7 1/2

System bollard head · 180° light output

	LED	A	B
B84706	8.2 W	7 1/2	2 1/4

System bollard head · 360° light output

	LED	A	B
B84704	16.6 W	7 1/2	2 1/4