

System building element pole · Base plate · 2 adjustable floodlights

BEGA

Application

Building elements are luminous design features for public spaces. They are ideally suited for delineating and structuring spaces such as plazas, building entrances, and atria. An integral floodlight may be used to illuminate architectural details, landscaping, or signage. The floodlight has an adjustable inclination angle of 30° and can be rotated 360°. An accompanying building element head must be selected for proper installation. Suitable for installation in wind zones with a maximum wind speed up to 100 MPH per EN 60598.

Materials

Clear safety glass
Extruded aluminum pole shaft
Marine grade, copper free (≤0.3% copper content) A360.0 aluminum alloy
Covered handhole with hardware and grounding provisions provided
Lockable access door
Stainless steel hardware
Anchor bolts conform to ASTM F1554 Grade 55 with L bend on one end and galvanized minimum 12" on threaded end
Anchor bolts provided with (2) hex nuts and (2) flat washers
BEGA Hybrid Optics®
Pure anodized aluminum reflector surface
Silicone optic with excellent high temperature and UV stability

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

Weight: 114.0 lbs.

Electrical

Operating voltage	120V or 277V AC
Minimum start temperature	-30° C
LED module wattage	40.8 W
System wattage	49.0 W
Controllability	0-10V, TRIAC, and ELV dimmable
Color rendering index	Ra > 90
Luminaire lumens	4522 lm
LED service life (L70)	60000 hrs

LED color temperature

4000K (K4)
3500K (K35)
3000K (K3)
2700K (K27)

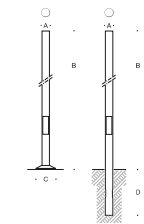
BEGA can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details

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)



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	LED	β	A	B	C
B84725	40.8 W	17°	8 ⁵ / ₈	169 ⁵ / ₈	16 ¹ / ₂

Type:

BEGA Product:

Project:

Modified:

Available options

B10016	Elliptical spread lens
B71119	Concentric ring louver
CUS	Custom finish
MGU	Marine grade undercoat
RAL	RAL Classic, matte finish

Included (available for pre-shipment)

B79993	Anchorage kit
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Due to the dynamic nature of lighting products and the associated technologies, luminaire data on this sheet is subject to change at the discretion of BEGA North America. For the most current technical data, please refer to bega-us.com
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System building elements summary

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This overview provides a compact summary of the possibilities for combining the various building element heads with poles and their additional functions.

For each building element head you can find matching poles with and without components.

System building elements with compatible poles		Symmetric			Asymmetric			Unshielded			Unshielded			Symmetric			Asymmetric		
Ø in inches		ø5 1/4	ø6 3/4	ø8 5/8	ø5 1/4	ø6 3/4	ø8 5/8	ø5 1/4	ø6 3/4	ø8 5/8	ø5 1/4	ø6 3/4	ø8 5/8	ø5 1/4	ø6 3/4	ø8 5/8	ø5 1/4	ø6 3/4	ø8 5/8
	Base plate • without components	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Direct burial • without components	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Base plate • wood	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Direct burial • wood	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Base plate • 1 adjustable floodlight		•	•		•	•		•	•		•	•						
	Direct burial • 1 adjustable floodlight		•	•		•	•		•	•		•	•						
	Base plate • 2 adjustable floodlights		•	•		•	•		•	•		•	•						
	Direct burial • 2 adjustable floodlights		•	•		•	•		•	•		•	•						

Compatible heads · Ø8 5/8

System building element head · Symmetric

	LED	A	B
B84817	46.8 W	8 5/8	27 1/2

System building element head · Asymmetric

	LED	A	B
B84820	46.8 W	8 5/8	27 1/2

System building element head System building element head · Unshielded

	LED	A	B
B84734	68.4 W	8 5/8	62 3/4