

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. Simply order the building element head plus a required building element pole in wood or metal with optional integral components. Both modules can be joined together easily and quickly during installation.

Materials

Clear UV-stabilized acrylic diffuser
Marine grade, copper free (≤ 0.3% copper content) A360.0 aluminum alloy
High temperature silicone gasket
Stainless steel hardware
Integral surge protector
Pure anodized aluminum reflector

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

Weight: 19.4 lbs.

Electrical

Operating voltage	120-277VAC
Minimum start temperature	-30° C
LED module wattage	46.8W
System wattage	56.0W
Controllability	0-10V dimming down to 1%
Color rendering index	Ra > 80
Luminaire lumens	6457 lm
LED service life (L70)	60000hrs

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)
RAL:	CUS:

Type:

BEGA Product:

Project:

Modified:

Available options

CUS	Custom finish
DALI-2	Digital addressable lighting interface
FSC	Fusing
MGU	Marine grade undercoat
RAL	RAL Classic, matte finish



System building element head · Symmetric

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



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		ø 5 1/4	ø 6 3/4	ø 8 5/8	ø 5 1/4	ø 6 3/4	ø 8 5/8	ø 5 1/4	ø 6 3/4	ø 8 5/8	ø 5 1/4	ø 5 1/4	ø 5 1/4
	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 poles · Ø 8 5/8

System building element pole · Base plate			
	A	B	C
B84721	8 5/8	169	16 1/2
System building element pole · Direct burial			
	A	B	C
B84720	8 5/8	169 1/2	39 1/2
Wood system building element pole · Base plate			
	A	B	C
B84731	8 5/8	169 7/8	16 1/2
Wood system building element pole · Direct burial			
	A	B	C
B84730	8 5/8	169 3/4	39 1/2

System building element pole · Base plate · 1 adjustable floodlight					
	LED	β	A	B	C
B84723	20.4 W	17°	8 5/8	169 5/8	16 1/2
System building element pole · Direct burial · 1 adjustable floodlight					
	LED	β	A	B	C
B84722	20.4 W	17°	8 5/8	169 1/2	39 1/2
System building element pole · Base plate · 2 adjustable floodlights					
	LED	β	A	B	C
B84725	40.8 W	17°	8 5/8	169 5/8	16 1/2
System building element pole · Direct burial · 2 adjustable floodlights					
	LED	β	A	B	C
B84724	40.8 W	17°	8 5/8	169 1/2	39 1/2

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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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