

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

White UV-stabilized acrylic diffuser  
Marine grade, copper free (≤ 0.3% copper content) A360.0 aluminum alloy  
High temperature silicone gasket  
Stainless steel hardware

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

Weight: 29.8lbs.

Electrical

Operating voltage	120V or 277V AC
Minimum start temperature	-10° C
LED module wattage	68.4 W
System wattage	86.0 W
Controllability	0-10V, TRIAC, and ELV dimmable
Color rendering index	Ra > 90
Luminaire lumens	9824 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
FSC	Fusing
MGU	Marine grade undercoat
RAL	RAL Classic, matte finish



System building element head · Unshielded			
	LED	A	B
B84734	68.4 W	8 <sup>5</sup> / <sub>8</sub>	62 <sup>3</sup> / <sub>4</sub>



## System building elements summary

BEGA

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 poles • Ø8 5/8

#### System building element pole • Base plate

	A	B	C
<b>B84721</b>	8 5/8	169	16 1/2

#### System building element pole • Direct burial

	A	B	C
<b>B84720</b>	8 5/8	169 1/2	39 1/2

#### Wood system building element pole • Base plate

	A	B	C
<b>B84731</b>	8 5/8	169 7/8	16 1/2

#### Wood system building element pole • Direct burial

	A	B	C
<b>B84730</b>	8 5/8	169 3/4	39 1/2

#### System building element pole • Base plate • 1 adjustable floodlight

	LED	β	A	B	C
<b>B84723</b>	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
<b>B84722</b>	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
<b>B84725</b>	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
<b>B84724</b>	40.8 W	17°	8 5/8	169 1/2	39 1/2