

Application

A square in-grade with patented (US 2016/0327243) BEGA Vortex Optics® to manage visual comfort while maximizing efficacy. Intended as a solution for the illumination of signage, building facades and architectural features. Designed to bear pressure loads up to 11,000 lbs. from vehicles with pneumatic tires. The luminaire must not be used for traffic lanes where it is subject to horizontal pressure from vehicles braking, accelerating, or changing direction.

Materials

Clear safety glass
Marine grade, copper free (≤0.3% copper content) A360.0 aluminum alloy
BEGA Tricoat ®, a 3-layer finishing technology for increased corrosion protection
Corrosion-resistant 304 grade stainless steel
High temperature silicone gasket
Mechanically captive stainless steel fasteners
Fully potted waterstopper cable
Pure anodized aluminum reflector surface
BEGA Vortex Optics®

NRTL listed to North American Standards, suitable for wet locations
Protection class IP 67

Weight: 11.9lbs.

Electrical

Operating voltage	120-277VAC
Minimum start temperature	-30° C
LED module wattage	16.7 W
System wattage	20.0 W
Controllability	0-10V, TRIAC, and ELV dimmable
Color rendering index	Ra > 80
Luminaire lumens	1646 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

#4 brushed stainless steel. Custom colors are not available.

Type:
BEGA Product:
Project:
Modified:

Available options

☐ FSC	Fusing
☐ NSL	Non-skid lens

Included (available for pre-shipment)

☐ BB84286	Installation housing
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In-grade luminaire · Asymmetric

	LED	β	A	B	C
B84277	16.7 W	48°x47°	7 1/4	6 7/8	6 3/4