

Application
A linear in-grade with patented (US 2016/0327243) BEGA Vortex Optics®. Designed to manage visual comfort while maximizing efficacy for the illumination of walls, building facades, and architectural features. Designed to bear pressure loads up to 2200 lbs. from vehicles with pneumatic tires. The luminaires must not be used for traffic lanes where they are subject to horizontal pressure from vehicles braking, accelerating and changing direction.

Materials
Clear safety glass
Marine grade, copper free (≤0.3% copper content) A360.0 aluminum alloy
Extruded aluminum
Corrosion-resistant 304 grade stainless steel
Fully potted waterstopper cable
High temperature silicone gasket
Mechanically captive stainless steel fasteners
BEGA Vortex Optics®
Pure anodized aluminum reflector surface

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

Weight: 22.0 lbs.

Electrical	
Operating voltage	120-277V AC
Minimum start temperature	-20° C
LED module wattage	31.6 W
System wattage	35.2 W
Controllability	0-10V dimming down to 0.1%
Color rendering index	Ra > 80
Luminaire lumens	3339 lm
LED service life (L70)	60000 hrs

- LED color temperature**
- 4000K (K4)
 - 3500K (K35)
 - 3000K (K3)
 - 2700K (K27)

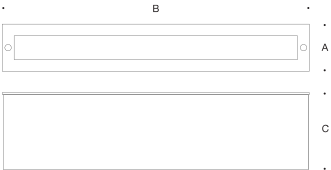
BEGA can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details

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

Type:
BEGA Product:
Project:
Modified:

Available options
DALI-2 Enabled for DALI control system

Included (available for pre-shipment)
BB84157 Installation housing



In-grade luminaire · Asymmetric					
	LED	β	A	B	C
B84163	31.6 W	48°x53°	3 1/4	40 3/8	5 1/8

