

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: 32.2 lbs.

Electrical

- Operating voltage120-277V AC
- Minimum start temperature-20° C
- LED module wattage47.4 W
- System wattage54.0 W
- Controllability0-10V dimming down to 0.1%
- Color rendering indexRa > 80
- Luminaire lumens3513 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-2Enabled for DALI control system

Included (available for pre-shipment)

- BB84158Installation housing



In-grade luminaire · Narrow beam

	LED	β	A	B	C
B84161	47.4 W	35°	3 1/4	59 3/4	5 1/8

