

**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:** 31.7 lbs.

**Electrical**  
Operating voltage                    120-277V AC  
Minimum start temperature       -20° C  
LED module wattage                47.4 W  
System wattage                      54.0 W  
Controllability                      0-10V dimming down to 0.1%  
Color rendering index              Ra > 80  
Luminaire lumens                    5065 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:

**Included (available for pre-shipment)**  
BB84158      Installation housing



| In-grade luminaire · Asymmetric |        |         |       |        |       |
|---------------------------------|--------|---------|-------|--------|-------|
|                                 | LED    | □       | A     | B      | C     |
| B84164                          | 47.4 W | 48°x54° | 3 1/4 | 59 3/4 | 5 1/8 |

