

Application

In-grade luminaire designed to illuminate ground surfaces. A precise 180° distribution makes this the ideal solution to create a boundary with light by lining the edge of a pathway. These luminaires are designed to bear pressure loads up to 8800 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

Luminaire housing constructed of die-cast marine grade, copper free (≤0.3% copper content) A360.0 aluminum alloy
Borosilicate glass
Reflector surface made of pure anodized aluminum
Silicone optic with excellent high temperature and UV stability
High temperature silicone gasket
Stainless steel screw clamps
Aluminum installation housing
Fully potted waterstopper cable
BEGA Tricoat ®, A 3-layer finishing technology for increased corrosion protection

NRTL listed to North American Standards, suitable for wet locations
Protection class IP67
Weight: 13.0lbs

Electrical

Operating voltage 120-277VAC
Minimum start temperature -20° C
LED module wattage 12.0W
System wattage 16.0W
Controllability 0-10V dimmable
Color rendering index Ra > 80
Luminaire lumens 370 lumens (4000K)
LED service life (L70) 50,000 hours

LED color temperature

4000K - Product number + **K4**
3500K - Product number + **K35**
3000K - Product number + **K3**
2700K - Product number + **K27**
Amber - Product number + **AMB**

Wildlife friendly amber LED - Optional

Luminaire is optionally available with a narrow bandwidth, amber LED source (585-600nm) approved by the FWC. This light output is suggested for use within close proximity to sea turtle nesting and hatching habitats. Electrical and control information may vary from standard luminaire.

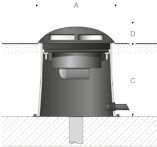
LED module wattage 9.0W (Amber)
System wattage 12.0W (Amber)
Luminaire lumens 207 lumens (Amber)

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, a fluoropolymer technology, provides superior fade protection in Black, Bronze, and Silver. BEGA standard White, as well as optionally available RAL and custom colors, are a polyester powder.

Available colors Black (BLK) White (WHT) RAL:
 Bronze (BRZ) Silver (SLV) CUS :



In-grade luminaire · twin 90° ports					
	LED	A	B	C	D
84 269	12.0W	9 1/2	10 7/8	9	2

Type:
BEGA Product:
Project:
Modified:

Available options
Fusing
DALI-2
ELV/TRIAC

