

Application

Surface mounted downlight with symmetric distribution. The patented (US 2016/0327243) BEGA Vortex Optics® rotates a parabolic reflector around the vertical axis to form a complex vortex shape. This vortex balances maximum efficiency with optimal glare control while eliminating shadows and artifacts in a uniquely square distribution.

Materials

Clear safety glass with optical texture
 Marine grade, copper free (≤0.3% copper content) A360.0 aluminum alloy
 Silicone applied robotically to casting, plasma treated for increased adhesion
 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 65

Weight: 3.5 lbs.

Electrical

Operating voltage 120-277V AC
 Minimum start temperature -30° C
 LED module wattage 17.8 W
 System wattage 20.0 W
 Controllability 0-10V, TRIAC, and ELV dimmable
 Color rendering index Ra > 80
 Luminaire lumens 1674 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

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 is a super durable polyester powder. Optionally available RAL and custom color finishes provided in either polyester powder or liquid paint.

Available colors

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

Type:
 BEGA Product:
 Project:
 Modified:

Available options

- CUS Custom finish
- FSC Fusing
- MGU Marine grade undercoat
- RAL RAL finish



Surface mounted downlight · Wide beam				
	LED	□	A	B
B66159	17.8W	39°	5 1/8	4