

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: 2.0 lbs.

Electrical

Operating voltage	120-277V AC
Minimum start temperature	-30° C
LED module wattage	3.0W
System wattage	6.0W
Controllability	0-10V dimmable
Color rendering index	Ra > 90
Luminaire lumens	339lm
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 provides superior fade protection in Black, Bronze, and Silver. BEGA standard White is a super durable polyester powder. Optionally available RAL, custom, and premium colors provided in polyester powder and/or liquid paint.

Available colors

- | | |
|---|---------------------------------------|
| ☐ Black (BLK) | ☐ Bronze (BRZ) |
| ☐ Silver (SLV) | ☐ White (WHT) |
| ☐ Natural Bronze (NTB) | ☐ RAL: |
| ☐ CUS: | |

Type:

BEGA Product:

Project:

Modified:

Available options

- | | |
|---------------------------------|---------------------------------|
| ☐ CUS | Custom finish |
| ☐ DALI-2 | Enabled for DALI control system |
| ☐ FSC | Fusing |
| ☐ MGU | Marine grade undercoat |
| ☐ NTB | Natural bronze (premium finish) |
| ☐ RAL | RAL Classic, matte finish |

Included (available for pre-shipment)

- | | |
|---------------------------------|--------------------------|
| ☐ B19538 | Small opening wiring box |
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Surface mounted downlight · Narrow beam

	LED	β	A	B
B66151	3.0W	21°	3 ³ / ₄	3 ¹ / ₂

