

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: 2.6 lbs.

Electrical

Operating voltage	120-277V AC
Minimum start temperature	-30° C
LED module wattage	33.6 W
System wattage	40.0 W
Controllability	0-10V dimming down to 1%
Color rendering index	Ra > 90
Luminaire lumens	3423 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 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:

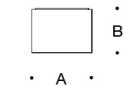
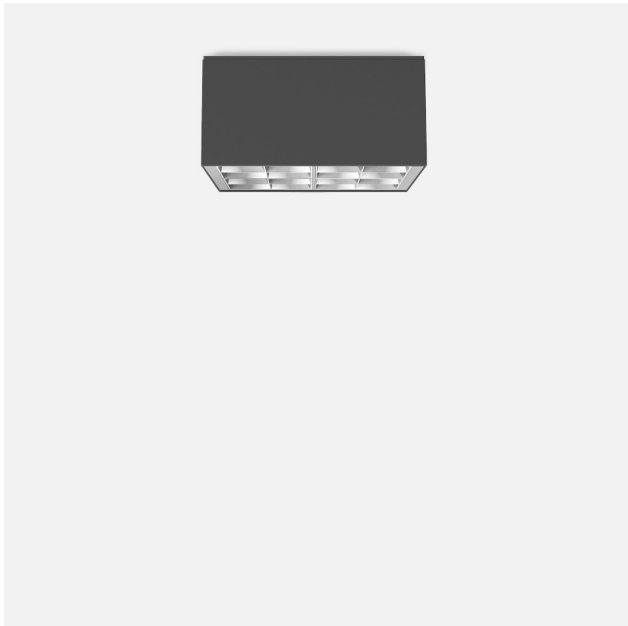
BEGA Product:

Project:

Modified:

Available options

CUS	Custom finish
FSC	Fusing
MGU	Marine grade undercoat
NTB	Natural bronze (premium finish)
RAL	RAL finish



Surface mounted downlight · Wide beam				
	LED		A	B
B66160	33.6W	41°	6 ³ / ₄	4