

Application

Recessed ceiling luminaire with symmetric narrow beam light 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 sharp square distribution.

Materials

- Clear safety glass
- 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
- Stainless steel screw clamps
- Aluminum ceiling mounted driver box
- BEGA Vortex Optics®
- Pure anodized aluminum reflector surface

NRTL listed to North American Standards, suitable for wet locations
Protection class IP 65

Weight: 1.4 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)	60000hrs

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:

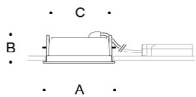
BEGA Product:

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



Square downlight · Narrow beam

	LED	□	A	B	C
B24800	3.0W	24°	4 ⁵ / ₈	2 ⁵ / ₈	4 ¹ / ₈

