

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
Stainless steel screw clamps
Silicone applied robotically to casting, plasma treated for increased adhesion
High temperature silicone gasket
BEGA Vortex Optics®
Pure anodized aluminum reflector surface

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

Weight: 1.8 lbs.

Electrical

Operating voltage 120-277VAC
Minimum start temperature -20° C
LED module wattage 17.8W
System wattage 22.0W
Controllability 0-10V dimming down to 0.1%
Color rendering index Ra > 80
Luminaire lumens 1295lm
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)
- ☐ Silver (SLV)
- ☐ Natural Bronze (NTB)
- ☐ CUS:
- ☐ Bronze (BRZ)
- ☐ White (WHT)
- ☐ RAL:

Type:

BEGA Product:

Project:

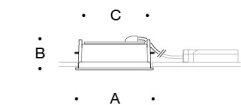
Modified:

Available options

- ☐ CUS Custom finish
- ☐ FSC Fusing
- ☐ MGU Marine grade undercoat
- ☐ NTB Natural bronze (premium finish)
- ☐ RAL RAL Classic, matte finish

Included (available for pre-shipment)

- ☐ CP24802 Ceiling pan



Square downlight · Narrow beam

	LED	β	A	B	C
B24802	17.8W	28°	6 ¹ / ₈	4 ¹ / ₂	5 ⁵ / ₈

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Due to the dynamic nature of lighting products and the associated technologies, luminaire data on this sheet is subject to change at the discretion of BEGA North America. For the most current technical data, please refer to bega-us.com
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