

Application

Recessed ceiling luminaire with symmetric wide 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	1706lm
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:

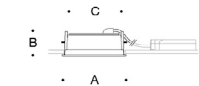
Modified:

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 · Wide beam

	LED	β	A	B	C
B24806	17.8W	41°	6 1/8	4 1/2	5 5/8

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