

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 voltage120-277V AC
- Minimum start temperature-30° C
- LED module wattage3.0W
- System wattage6.0W
- Controllability0-10V dimmable
- Color rendering indexRa > 90
- Luminaire lumens339lm
- 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)
- ☐ Silver (SLV)
- ☐ Natural Bronze (NTB)
- ☐ CUS:
- ☐ Bronze (BRZ)
- ☐ White (WHT)
- ☐ RAL:

Type:

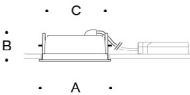
BEGA Product:

Project:

Modified:

Available options

- ☐ CUSCustom finish
- ☐ DALI-2Enabled for DALI control system
- ☐ FSCFusing
- ☐ MGUMarine grade undercoat
- ☐ NTBNatural bronze (premium finish)
- ☐ RALRAL Classic, matte finish



Square downlight · Narrow beam

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