

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 wattage8.4 W
- System wattage10.4 W
- Controllability0-10V, TRIAC, and ELV dimmable
- Color rendering indexRa > 90
- Luminaire lumens605 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)
- Silver (SLV)
- Natural Bronze (NTB)
- CUS:
- Bronze (BRZ)
- White (WHT)
- RAL:

Type:

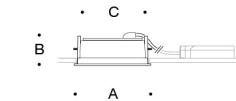
BEGA Product:

Project:

Modified:

Available options

- CUSCustom finish
- FSCFusing
- MGUMarine grade undercoat
- NTBNatural bronze (premium finish)
- RALRAL Classic, matte finish



Square downlight · Narrow beam

	LED	□	A	B	C
B24801	8.4 W	25°	4 5⁄8	2 5⁄8	4 1⁄8