

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
- 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 8.4 W
- System wattage 10.4 W
- Controllability 0-10V, TRIAC, and ELV dimmable
- Color rendering index Ra > 90
- Luminaire lumens 815 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:

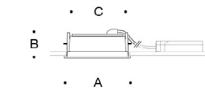
BEGA Product:

Project:

Modified:

Available options

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



Square downlight · Wide beam					
	LED	β	A	B	C
B24805	8.4 W	40°	4 ⁵ / ₈	2 ⁵ / ₈	4 ¹ / ₈