

**Application**  
Recessed ceiling luminaire with asymmetric 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:** 1.3 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 717 lm  
LED service life (L70) 60000 hrs

**LED color temperature**  
4000K (K4)  
3500K (K35)  
3000K (K3)  
2700K (K27)

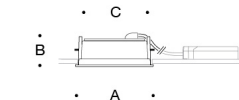
**BEGA** can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details

**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) Bronze (BRZ)  
Silver (SLV) White (WHT)  
Natural Bronze (NTB) RAL:  
CUS:

Type:  
BEGA Product:  
Project:  
Modified:

**Available options**  
CUS Custom finish  
FSC Fusing  
MGU Marine grade undercoat  
NTB Natural bronze (premium finish)  
RAL RAL finish



Square downlight · Asymmetric

	LED	□	A	B	C
<b>B24813</b>	8.4 W	48°x51°	4 <sup>5</sup> / <sub>8</sub>	2 <sup>5</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>8</sub>

