Type:
BEGA Product:
Project:
Modified:

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	3.0 W
System wattage	6.0 W
Controllability	0-10V dimmable
Color rendering index	Ra > 90
Luminaire lumens	325 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:

Available options

☐ CUS	Custom finish
☐ DALI-2	Enabled for DALI control system
☐ FSC	Fusing
☐ MGU	Marine grade undercoat
☐ NTB	Natural bronze (premium finish)
☐ RAL	RAL finish

Square downlight · Asymmetric

	LED	□	A	B	C
B24812	3.0 W	52°x50°	$4\frac{5}{8}$	$2\frac{5}{8}$	$4\frac{1}{8}$

BEGA 1000 BEGA Way, Carpinteria, CA 93013 (805) 684-0533 info@bega-us.com