

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 ($\leq 0.3\%$ 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 3.0W

System wattage 6.0W

Controllability 0-10V dimmable

Color rendering index $R_a > 90$

Luminaire lumens 406lm

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 |
| ☐ DALI-2 | Enabled for DALI control system |
| ☐ 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
B24804	3.0W	40°	$4\frac{5}{8}$	$2\frac{5}{8}$	$4\frac{1}{8}$

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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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