

**Application**

LED recessed ceiling luminaire with symmetric narrow beam light distribution. The patent pending 'vortex reflector' 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**

Luminaire housing and faceplate constructed of die-cast marine grade, copper free ( $\leq 0.3\%$  copper content) A360.0 aluminum alloy  
 Clear safety glass  
 Reflector surface made of pure anodized aluminum  
 Silicone applied robotically to casting, plasma treated for increased adhesion  
 High temperature silicone gasket  
 Mechanically captive stainless steel fasteners  
 Stainless steel screw clamps  
 Ceiling mounted driver enclosure constructed of aluminum

**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	605 lumens (3000K)
Lifetime at Ta = 15° C	414,000 h (L70)
Lifetime at Ta = 35° C	123,000 h (L70)

**LED color temperature**

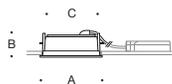
- 4000K - Product number + **K4**
- 3500K - Product number + **K35**
- 3000K - Product number + **K3**
- 2700K - Product number + **K27**

**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 polyester powder coat with minimum 3 mil thickness.

Available colors	Black (BLK)	White (WHT)	RAL:
	Bronze (BRZ)	Silver (SLV)	CUS :



**LED recessed ceiling downlight · vortex reflector · symmetric narrow beam**

	LED	$\beta$	A	B	C
<b>24 801</b>	8.4 W	25°	4 5/8	2 5/8	4 1/8

$\beta$  = Beam angle

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

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  
 © copyright BEGA 2018 Updated 07/10/18

Type:

BEGA Product:

Project:

Modified:

**Mounting options**

**CP** Ceiling pan

See individual accessory spec sheet for details.

