

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

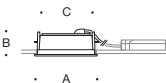
4000K - Product number + **K4**  
3500K - Product number + **K35**  
3000K - Product number + **K3**  
2700K - Product number + **K27**

**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 <sup>5</sup> / <sub>8</sub>	2 <sup>5</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>8</sub>

$\beta$  = Beam angle

Type:

BEGA Product:

Project:

Modified:

Mounting options

**CP** Ceiling pan

See individual accessory spec sheet for details.

