

Application

Surface mounted downlight with a narrow beam 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 efficacy with optimal glare control, while eliminating shadows and artifacts in a uniquely sharp square light distribution.

Materials

Clear safety glass  
Aluminum housing  
Silicone applied robotically to casting, plasma treated for increased adhesion  
BEGA Vortex Optics®

NRTL listed to North American Standards, for interior use only

Weight: 1.9 lbs.

Electrical

|                           |                |
|---------------------------|----------------|
| Operating voltage         | 120-277VAC     |
| Minimum start temperature | -30° C         |
| LED module wattage        | 8.4 W          |
| System wattage            | 11.0 W         |
| Controllability           | 0-10V dimmable |
| Color rendering index     | Ra > 90        |
| Luminaire lumens          | 605 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

White finish. Custom colors not available.

Type:

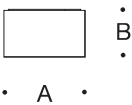
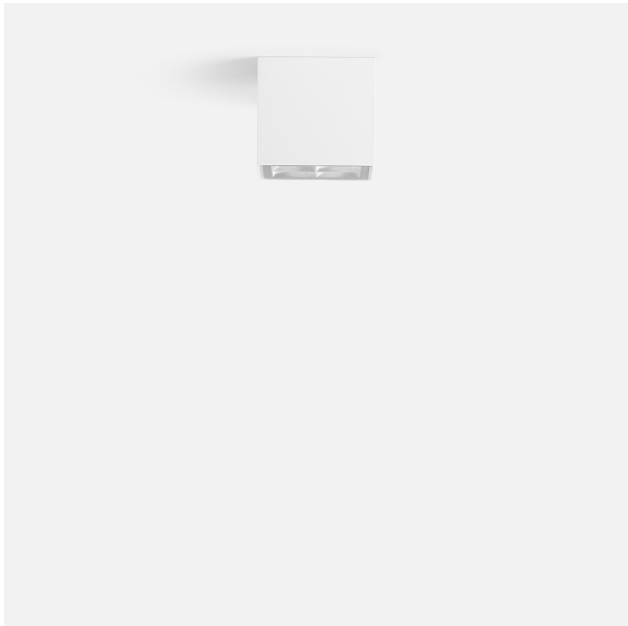
BEGA Product:

Project:

Modified:

Included (available for pre-shipment)

B19538 Small opening wiring box



| Downlight · Narrow beam |       |     |                               |                               |
|-------------------------|-------|-----|-------------------------------|-------------------------------|
|                         | LED   | β   | A                             | B                             |
| <b>B50163</b>           | 8.4 W | 25° | 3 <sup>3</sup> / <sub>4</sub> | 3 <sup>5</sup> / <sub>8</sub> |

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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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