

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
- High temperature silicone gasket
- Stainless steel screw clamps
- Pure anodized aluminum reflector surface

NRTL listed to North American Standards, suitable for wet locations  
Protection class IP 65

Weight: 4.9 lbs.

Electrical

|                           |                          |
|---------------------------|--------------------------|
| Operating voltage         | 120-277V AC              |
| Minimum start temperature | -20° C                   |
| LED module wattage        | 56.0 W                   |
| System wattage            | 64.0 W                   |
| Controllability           | 0-10V dimming down to 1% |
| Color rendering index     | Ra > 80                  |
| Luminaire lumens          | 5783 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)          | Bronze (BRZ) |
| Silver (SLV)         | White (WHT)  |
| Natural Bronze (NTB) | RAL:         |
| CUS:                 |              |

Type:

BEGA Product:

Project:

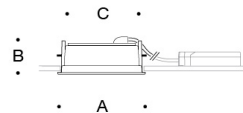
Modified:

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       |

Included (available for pre-shipment)

|         |             |
|---------|-------------|
| CP24145 | Ceiling pan |
|---------|-------------|



Square downlight · Asymmetric

|        | LED    | β       | A                              | B                             | C  |
|--------|--------|---------|--------------------------------|-------------------------------|----|
| B24147 | 56.0 W | 48°x43° | 10 <sup>7</sup> / <sub>8</sub> | 2 <sup>1</sup> / <sub>2</sub> | 25 |