

Application

Surface mounted downlight with asymmetric 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.

Materials

Clear safety glass with optical texture  
Marine grade, copper free (≤ 0.3% copper content) A360.0 aluminum alloy  
Silicone applied robotically to casting, plasma treated for increased adhesion  
Mechanically captive stainless steel fasteners  
BEGA Vortex Optics®  
Pure anodized aluminum reflector surface

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

Weight: 3.5 lbs.

Electrical

|                           |                                |
|---------------------------|--------------------------------|
| Operating voltage         | 120-277V AC                    |
| Minimum start temperature | -30° C                         |
| LED module wattage        | 17.8 W                         |
| System wattage            | 20.0 W                         |
| Controllability           | 0-10V, TRIAC, and ELV dimmable |
| Color rendering index     | Ra > 90                        |
| Luminaire lumens          | 1502 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:

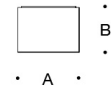
BEGA Product:

Project:

Modified:

Available options

|     |                                 |
|-----|---------------------------------|
| CUS | Custom finish                   |
| FSC | Fusing                          |
| MGU | Marine grade undercoat          |
| NTB | Natural bronze (premium finish) |
| RAL | RAL finish                      |



| Surface mounted downlight · Asymmetric |        |         |       |   |
|----------------------------------------|--------|---------|-------|---|
|                                        | LED    | □       | A     | B |
| B24058                                 | 17.8 W | 30°x29° | 5 1/8 | 4 |