

Application

Downlights with BEGA Ultradark Optics® provide targeted illumination with an extremely quiet aperture. An internal louver with ultra-black coating for maximum light absorption is ideal for interior or exterior spaces where the lighting effect takes center stage, and the luminaire disappears into the ceiling. The inside coating has a total hemispherical reflectance (THR) below 1% in the visible spectrum.

Materials

Clear safety glass with optical texture  
Marine grade, copper free (≤ 0.3% copper content) A360.0 aluminum alloy  
High temperature silicone gasket  
Silicone applied robotically to casting, plasma treated for increased adhesion  
Galvanized zinc-plated mounting bracket  
BEGA Ultradark Optics®

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

Weight: 6.2 lbs.

Electrical

Operating voltage	120V or 277V AC
Minimum start temperature	-10° C
LED module wattage	40.3W
System wattage	46.0W
Controllability	0-10V, TRIAC, and ELV dimmable
Color rendering index	Ra > 90
Luminaire lumens	3556 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)	White (WHT)
Bronze (BRZ)	Silver (SLV)
Natural Bronze (NTB)	RAL:
CUS:	

Type:

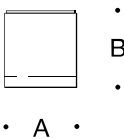
BEGA Product:

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



Surface mounted downlight · Symmetric · Narrow beam

	LED	β	A	B
B24752	40.3W	25°	7 <sup>3</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>4</sub>