

Interior LED semi-recessed ceiling luminaires - downlights with direct and indirect light

BEGA

Application

Compact LED semi-recessed luminaires with direct and indirect light distribution. A focusing and dispersing lens collimates the powerful LED light in the center of the reflector for the direct portion of the downlight. At the same time a fraction of the dispersed light is used to illuminate the luminaire glass and generate vertical illuminance. The dual light results in maximum viewing comfort.

Materials

Luminaire housing constructed of die-cast aluminum alloy  
Trim ring constructed of painted aluminum, stainless steel or polished aluminum  
Three-ply opal glass  
Focusing/dispersion lens made of optically textured crystal glass  
Reflector made of pure anodized aluminum  
Stainless steel screw clamps  
Ceiling mounted driver enclosure constructed of aluminum, a minimum of 7" ceiling clearance is required for installation

NRTL listed to North American Standards, suitable for damp locations  
Weight: 1.6lbs

Electrical

Operating voltage	120-277VAC
Minimum start temperature	-20° C
LED module wattage	7.5W
System wattage	9.0W
Controllability	0-10V dimming down to 0.1%
Color rendering index	Ra > 80
Luminaire lumens	525 lumens (3000K)
Lifetime at Ta = 15° C	460,000 h (L70)
Lifetime at Ta = 35° C	270,000 h (L70)

LED color temperature

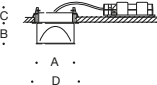
4000K - Product number + **K4**  
3500K - Product number + **K35**  
3000K - Product number + **K3**  
2700K - Product number + **K27**

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

Select the desired trim ring material finish by using appropriate code number as suffix.

Available finishes	White	Code number <b>.1</b>
	Stainless steel	Code number <b>.2</b>
	Polished aluminum	Code number <b>.3</b>



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	LED	β	A	B	C	D
12066.1	7.5 W	45°	4	2 ½	2	5

β = Beam angle

Type:  
BEGA Product:  
Project:  
Modified:

