

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
Hand-blown clear crystal 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: 2.7 lbs

Electrical

Operating voltage	120-277VAC
Minimum start temperature	-20° C
LED module wattage	17.7 W
System wattage	22.0 W
Controllability	0-10V dimming down to 0.1%
Color rendering index	Ra > 90
Luminaire lumens	2,134 lumens (3000K)
Lifetime at Ta = 15° C	> 500,000 h (L70)
Lifetime at Ta = 45° C	160,000 h (L70)

LED color temperature

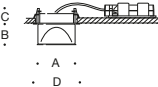
4000K - Product number + **K4**
3500K - Product number + **K35**
3000K - Product number + **K3**
2700K - Product number + **K27**

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 .1
	Stainless steel	Code number .2
	Polished aluminum	Code number .3



Interior LED semi-recessed ceiling luminaires · downlights						
	LED	β	A	B	C	D
12065.1	17.7 W	49°	7 1/2	3 3/4	2	8 1/2

β = Beam angle

Type:
BEGA Product:
Project:
Modified:

