





Ceiling luminaires · Downlights BEGA Vortex Optics®

Family of surface mounted downlights with symmetric narrow, wide, and asymmetric distributions, available in three sizes. The patent pending 'vortex reflector' rotates a parabolic reflector around the vertical axis to form a complex vortex shape. This vortex balances maximum efficacy with optimal glare control, while eliminating shadows and artifacts in a uniquely sharp square light distribution.

Provided with electronic driver.

Clear safety glass · Reflector surface made of pure anodized aluminum Robotically applied silicone, plasma treated · Silicone gasket Die-cast aluminum housing, white finish

Some luminaires on this page mount to a custom BEGA 19 538 recessed wiring box – see page 184. This wiring box is able to be shipped ahead of the luminaire. Refer to the luminaire installation instructions for details.

LED color temperatures: 2700 K, 3000 K, 3500 K, 4000 K

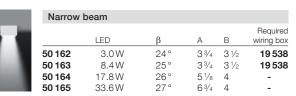
BEGA can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires – see page 186. Further LED technical data including luminous flux, CRI, service life, and dimming and electrical characteristics are provided on the individual luminaire specification sheets, available at www.bega-us.com.

NRTL listed to North American Standards, interior use only Refer to page 185 for more information



For recessed luminaires, see page 36.







	Wide beam						
•		LED	β	А	В	Required wiring box	
ı,	50 166	3.0 W	40°	33/4	3 1/2	19 538	
ı	50 167	8.4 W	39°	3 3/4	3 1/2	19 538	
ı	50 168	17.8W	39°	5 1/8	4	-	
	50 169	33.6W	41°	63/4	4	-	



	Asymm	etric			
ı		LED	А	В	Required wiring box
١	50 413	3.0 W	33/4	3 1/2	19 538
	50 414	8.4 W	33/4	3 1/2	19 538
	50 415	17.8W	5 1/8	4	-
	50 416	33.6 W	63/4	4	-

 β = Beam angle