



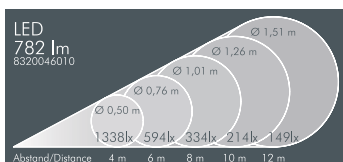
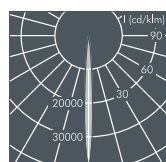
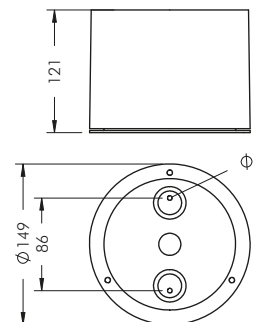
The LED surface mounted downlights are very compact and shallow in design. The precise optics are available with different light distributions. This allows the products to be used for various different lighting applications and at different mounting heights. The housings are neutral in design and have no visible screws. They can be installed directly on ceilings and canopies.

IP rated ceiling-mounted luminaires can be installed under-canopy to provide a sophisticated lighting effect for entrances.



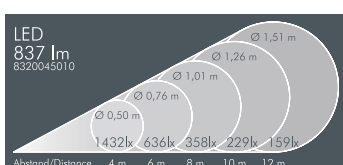
### Surface-mounted downlight

With 5 x 2.5 W high performance LEDs,  
 integral temperature monitoring device,  
 CRI: > 80, Colour tolerance: max. 2 SDCM  
 Service life: L90/B10 > 50 000 h  
 Protection class I, IP65  $\diamond$   $\triangle$   $\triangle$ , IK08  
 corrosion-resistant die cast aluminium housing AlSi12,  
 polyester powder coated,  
 all exterior steel parts are stainless steel,  
 tempered safety glass, silicon gasket,  
 housing secured with a grub screw,  
 ceiling mount: 2 drilled holes  $\varnothing$  4 mm,  
 spacing 86 mm,  
 cable entry  $\varnothing$  4-11 mm recessed cable,  
 integral transformer and on-board driver

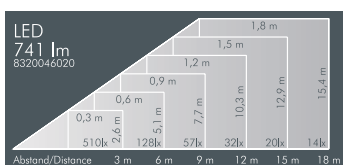
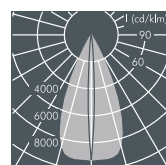


#### Surface-mounted downlight, narrow beam

Part number	Colour	Light source	Luminous flux	Beam angle $\gamma$ (FWHM)
<b>8 320 046 019</b>	black	5 x LED 2.5 W	782 lm	7°
<b>8 320 066 019</b>	white	warm white (3000 K)		
<b>8 320 056 019</b>	silver grey			

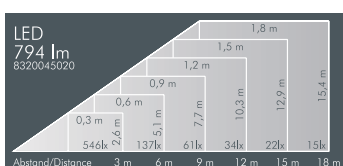
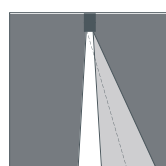


Part number	Colour	Light source	Luminous flux	Beam angle $\gamma$ (FWHM)
<b>8 320 045 019</b>	black	5 x LED 2.5 W	837 lm	7°
<b>8 320 065 019</b>	white	neutral white (4000 K)		
<b>8 320 055 019</b>	silver grey			

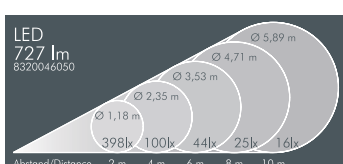
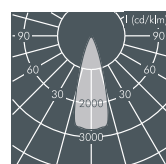


#### Surface-mounted downlight, linear beam spread

Part number	Colour	Light source	Luminous flux	Beam angle $\gamma$ (FWHM)
<b>8 320 046 029</b>	black	5 x LED 2.5 W	741 lm	C 0 - 180
<b>8 320 066 029</b>	white	warm white (3000 K)		C 90 - 270
<b>8 320 056 029</b>	silver grey			6°

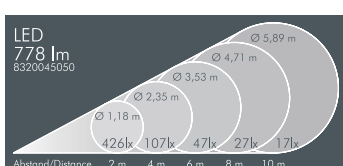


Part number	Colour	Light source	Luminous flux	Beam angle $\gamma$ (FWHM)
<b>8 320 045 029</b>	black	5 x LED 2.5 W	794 lm	C 0 - 180
<b>8 320 065 029</b>	white	neutral white (4000 K)		C 90 - 270
<b>8 320 055 029</b>	silver grey			6°



#### Surface-mounted downlight, wide beam

Part number	Colour	Light source	Luminous flux	Beam angle $\gamma$ (FWHM)
<b>8 320 046 059</b>	black	5 x LED 2.5 W	727 lm	33°
<b>8 320 066 059</b>	white	warm white (3000 K)		
<b>8 320 056 059</b>	silver grey			



Part number	Colour	Light source	Luminous flux	Beam angle $\gamma$ (FWHM)
<b>8 320 045 059</b>	black	5 x LED 2.5 W	778 lm	33°
<b>8 320 065 059</b>	white	neutral white (4000 K)		
<b>8 320 055 059</b>	silver grey			

Part number	Description
... 3..	<b>Dimmable luminaire (DALI/1-10 V)</b>

LED (see page 185)

Luminaires available in 2700 K and other colour temperatures on request

