



## DL 105 LED

Round mini recessed downlight with LED technology

- Low recessed depth and small ceiling cut-out
- High light output ratio
- Homogeneous wide beam light distribution
- Extremely cost efficient by energy saving and freedom of maintenance
- Colour rendering index Ra > 80
- High colour stability during the life time of 50,000 hours
- Exchangeable LED board
- Assured and stable heat transmission due to additional mechanical connection
- Long life time by passive cooling via metal core board, thermal conductive adhesion and aluminium heat sink
- Colour temperature of 3000 K or 4200 K according to ambience requirements

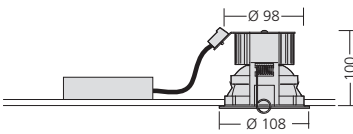


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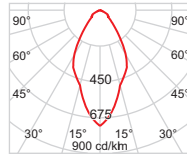


IP54



Mini recessed downlight with high-power LED 14 W and inlayed micro prism diffuser. Bezel made of die-cast aluminium and housing made of galvanised sheet steel, powder-coated in white (RAL9016 structure). Ceiling installation by mounting springs for ceilings from 1-25 mm. Two-part reflector made of high-brilliant metalised pure aluminium (AL 99.98) for maximum efficiency and colour-neutral light reflection. Ceiling installation and electrical connection without tools possible. High-power LED with passive cooling in colour warm white (3000 K) and neutral white (4200 K) available. Colour rendering index Ra > 80. C/w constant current converter 350 mA. IP 54, if mounted in closed ceiling systems. Max. weight: 0,8 kg

Version	Converter 350 mA	Diameter	Ceiling cut-out	Recessed height
LED 14 W, 3000 K	<b>105.61.14.123</b>	108 mm	98 mm	100 mm
LED 14 W, 4200 K	<b>105.61.14.124</b>	108 mm	98 mm	100 mm



**LED 14 W**  
 Half-value angle 2 x 28°  
 Shielding angle 20°  
 Critical radiation angle/1000 cd/m² 70°  
 Light output ratio 77%

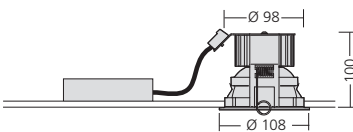


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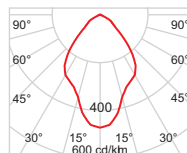


960° IP54



Mini recessed downlight with high-power LED 14 W and inlayed frosted safety glass. Bezel made of die-cast aluminium and housing made of galvanised sheet steel, powder-coated in white (RAL9016 structure). Ceiling installation by mounting springs for ceilings from 1-25 mm. Two-part reflector made of high-brilliant metalised pure aluminium (AL 99.98) for maximum efficiency and colour-neutral light reflection. Ceiling installation and electrical connection without tools possible. High-power LED with passive cooling in colour warm white (3000 K) and neutral white (4200 K) available. Colour rendering index Ra > 80. C/w constant current converter 350 mA. IP 54, if mounted in closed ceiling systems. Max. weight: 1,0 kg

Version	Converter 350 mA	Diameter	Ceiling cut-out	Recessed height
LED 14 W, 3000 K	<b>105.91.14.123</b>	108 mm	98 mm	100 mm
LED 14 W, 4200 K	<b>105.91.14.124</b>	108 mm	98 mm	100 mm



**LED 14 W**  
 Half-value angle 2 x 36°  
 Shielding angle 21°  
 Critical radiation angle/1000 cd/m² 70°  
 Light output ratio 72%