
Product features and key data






Luminaire type	Downlight/spot
Mounting method	Recessed, with edge
Form	Round
Size	100
Beam angle	60° Very Wide Flood
Reflector	Semi-specular
Power supply value	11 W
Power factor	0,80
Colour temperature	4000 K
Rated light current	1.500 lm
Colour tolerance	3 SDCM
Luminous efficiency	136 lm/W
Interchangeability lightsource	Yes - interchangeable
Colour rendering indx	80
Photobiological class	Group 1- no risk
Colour	RAL9016 Traffic white
Switching type	Electron. transformer (ET)
Connection	Terminal
Touch-Dim-capable	No
Max. Luminaires B10	21
Max. Luminaires B16	34
Max. Luminaires C10	34
Max. Luminaires C16	57
Rated frequency	50/60 Hz
DC suitability	Yes
Protection rating	IP20
Protection rating on room side	IP54
Protection class	II
Impact resistance	IK06
Glow wire resistance	850 °C
Net height	100,50 mm
Outer diameter	109 mm
Recess depth	98 mm
Recess diameter	100 mm
Weight	0,6 kg

light distribution curve
SNS RC3-MR1VFL-14-840

■ C0 - C180

 UGR rating = 19
 DIN 5040 = A70
 CEN flux code = 98 100 100 100 100
 UGR I = 18,0
 UGR q = 18,0
 UTE = 1.00 A

Available accessories

Material	Description
 SNS RC03 ZIP54-PC-T 7188400	PC cover, clear. For round downlights of the Sonnos series in size C03. Should not be used together with refurbishment panels.
 SNS RQC0305 MP 600 7189800	Mounting plate SNS R/Q C03/C05. For module size 600.
 SNS RQC0305 MP 625 7189900	Mounting plate SNS R/Q C03/C05. For module size 625.
 SNS RC03 BE 7190000	Concrete casting box for downlight installation including control gear box in concrete ceilings. For round downlights of the Sonnos series in size C03.
 SNS RC03 SP drm 145 01 7190200	Refurbishment plate SNS RC03. For ceiling cut-outs Ø 105 - 145 mm .

Offer text

Compact LED downlight with round construction. Recessed downlight with edge for plasterboard ceiling openings. Tool-free ceiling installation via rapid-mounting springs. Ceiling cut-out dimensions Ø 100 mm. Refurbishing plates for fitting in existing ceiling apertures with unsuitable dimensions are available as separately ordered accessories. Recess depth >= 98 mm, Luminaire height 100 mm. With semi-specular vaporised plastic reflector. Colour of ceiling mounting frame: white. Symmetric light distribution characteristic and beam spread: 60° VeryWide Flood. Light control via collimator-/lens technology. Direct glare limitation in accordance with UGR 19. With one LED module. Luminaire luminous flux 1.400 lm, Connected load 11W, luminous efficiency of luminaire 136 lm/W. Light colour neutral white, correlated colour temperature (CCT) 4000 K, general colour rendering index (CRI) Ra= 80. Colour locus tolerance (initial MacAdam) ≤ 3 SDCM corresponds to very high colour uniformity of the LEDs in application. Nominal service life L90 (tq 25 °C) = 50,000 h, nominal service life L80 (tq 25 °C) = 100,000 h. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020). Permissible ambient temperature (ta): -20°C - +25°C. Housing and heat sink made of die-cast aluminium. Safety class (EN61140): II, protection rating (DIN EN 60529): IP20. Protection rating on room side: IP54. Impact resistance level in accordance with IEC 62262: IK02/0.2 J, testing temperature of wire glow test in accordance with IEC60695-2-11: 850 °C. With 3-pole connection terminal to 2.5 mm² and separate 3-pole mains through-wiring box. With electronic transformer, switchable. Mains connection of control unit is with a connection terminal. The control gear unit is replaceable in accordance with the ecodesign requirements (VO (EU) 2019/2020). The luminaire complies with fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol. The luminaire is also ENEC-certified by an independent testing authority.

EPREL - European Product Registry for Energy Labelling

Energy Efficiency Class	Model identifier
D	L2C5-40801210F1500