
Product features and key data





Luminaire type	Downlight/spot
Mounting method	Recessed, with edge
Form	Square
Size	100
Beam angle	60° Very Wide Flood
Reflector	black
Power supply value	13 W
Power factor	0,90
Colour temperature	4000 K
Rated light current	1.500 lm
Colour tolerance	3 SDCM
Luminous efficiency	115 lm/W
Interchangeability lightsource	Yes - interchangeable
Colour rendering indx	90
Photobiological class	Group 1- no risk
Colour	RAL9006 White aluminium
Switching type	Electr trnsfmr DALI DIM(ETDD)
Dimming DALI-2	Yes
Connection	Terminal
Number of Dali addresses	1
Dimming range	1 - 100 %
Touch-Dim-capable	Yes
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 length	109 mm
Net width	109 mm
Net height	100,50 mm
Recess length	100 mm
Recess width	100 mm
Recess depth	98 mm
Weight	0,6 kg

light distribution curve
SNS QC3-SR1VFL-14-940

 ■ C0 - C180
 ■ C90 - C270

 UGR rating = 19
 DIN 5040 = A70
 CEN flux code = 98 100 100 100 100
 UGR I = 17,1
 UGR q = 17,1
 UTE = 1.00 A

Available accessories

Material	Description
 SNS QC03 ZIP54-PC-T 7188300	PC cover, clear. For square downlights of the Sonnos series in size C03.
 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 QC03 BE 7190100	Concrete casting box of plastic. For square downlights of the Sonnos series in size C03.

Offer text

Compact LED downlight with square construction. Recessed downlight with edge for plasterboard ceiling openings. Tool-free ceiling installation via rapid-mounting springs. Square ceiling cutout dimensions 100 mm. Recess depth \geq 98 mm, Luminaire height 100 mm. With black-coated plastic reflector. Colour of ceiling mounting frame: silver-colour. 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 13W, luminous efficiency of luminaire 115 lm/W. Light colour neutral white, correlated colour temperature (CCT) 4000 K, general colour rendering index (CRI) Ra= 90. Colour locus tolerance (initial MacAdam) \leq 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 5-pole connection terminal to 2.5 mm² and separate 5-pole mains through-wiring box. Mains connection of control unit is with a connection terminal. With electronic ballast, digitally dimmable (DALI). Control gear unit according to DALI-2 standard (EN 62386). Luminaire is switchable and dimmable by means of touch functionality via DALI control terminals (Touch DIM). (CCT) 2700-6500 K Possible dimming range: 1...100%. The control gear unit is replaceable in accordance with the ecodesign requirements (VO (EU) 2019/2020). Live-Link ready. 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
E	L2C5-40901208F1500