
**Product features and key data**






<b>Luminaire type</b>	Downlight/spot
<b>Mounting method</b>	Recessed, with edge
<b>Form</b>	Round
<b>Size</b>	150
<b>Beam angle</b>	80° Extreme Wide Flood
<b>Reflector</b>	Highly specular
<b>Power supply value</b>	15 W
<b>Power factor</b>	0,90
<b>Colour temperature</b>	4000 K
<b>Rated light current</b>	1.500 lm
<b>Colour tolerance</b>	3 SDCM
<b>Luminous efficiency</b>	100 lm/W
<b>Interchangeability lightsource</b>	Yes - interchangeable
<b>Colour rendering indx</b>	90
<b>Photobiological class</b>	Group 1- no risk
<b>Colour</b>	RAL9016 Traffic white
<b>Switching type</b>	Electr trnsfmr DALI DIM(ETDD)
<b>Dimming DALI-2</b>	Yes
<b>Connection</b>	Terminal
<b>Number of Dali addresses</b>	1
<b>Dimming range</b>	1 - 100 %
<b>Touch-Dim-capable</b>	Yes
<b>Max. Luminaires B10</b>	15
<b>Max. Luminaires B16</b>	24
<b>Max. Luminaires C10</b>	24
<b>Max. Luminaires C16</b>	40
<b>Rated frequency</b>	50/60 Hz
<b>DC suitability</b>	Yes
<b>Protection rating</b>	IP20
<b>Protection rating on room side</b>	IP54
<b>Protection class</b>	II
<b>Impact resistance</b>	IK06
<b>Glow wire resistance</b>	850 °C
<b>Net height</b>	132,50 mm
<b>Outer diameter</b>	165 mm
<b>Recess depth</b>	130 mm
<b>Recess diameter</b>	150 mm
<b>Weight</b>	1,1 kg

**light distribution curve**
**SNS RC5-HR1XFL-14-940**

■ C0 - C180

 UGR rating = 22  
 DIN 5040 = A60  
 CEN flux code = 89 100 100 100 100  
 UGR I = 19,7  
 UGR q = 19,7  
 UTE = 1.00 A

**Available accessories**

Material	Description
 <b>SNS RC05 ZIP54-PC-T</b> 7188600	PC cover, clear. For round downlights of the Sonnos series in size C05. Should not be used together with refurbishment panels.
 <b>SNS RQC0305 MP 600</b> 7189800	Mounting plate SNS R/Q C03/C05. For module size 600.
 <b>SNS RQC0305 MP 625</b> 7189900	Mounting plate SNS R/Q C03/C05. For module size 625.
 <b>SNS RC05 BE</b> 7190300	Concrete casting box for downlight installation including control gear box in concrete ceilings. For round downlights of the Sonnos series in size C05.
 <b>SNS RC05 SP drm 205 01</b> 7190500	Refurbishment plate SNS RC05. For ceiling cut-outs Ø 155 -205 mm.

**Offer text**

Compact LED downlight with round construction. Recessed downlight with edge for plasterboard ceiling openings. Tool-free ceiling installation via rapid-mounting tighteners. Ceiling cut-out dimensions Ø 150 mm. Refurbishing plates for fitting in existing ceiling apertures with unsuitable dimensions are available as separately ordered accessories. Recess depth  $\geq$  130 mm, Luminaire height 132 mm. With highly specular vaporised plastic reflector. Colour of ceiling mounting frame: white. Symmetric light distribution characteristic and beam spread: 80° ExtremeWide Flood. Light control via diffuser/reflector. Direct glare limitation in accordance with UGR 22. With one LED module. Luminaire luminous flux 1.400 lm, Connected load 15W, luminous efficiency of luminaire 100 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 mm<sup>2</sup> 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 is silicone-free. 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	L2C5-40901216E2300