


Product features and key data

Luminaire type	Downlight/spot
Mounting method	Suspended
Form	Round
Size	150
Beam angle	80° Extreme Wide Flood
Reflector	Semi-specular
Power supply value	16,50 W
Power factor	0,90
Colour temperature	4000 K
Rated light current	2.000 lm
Colour tolerance	3 SDCM
Luminous efficiency	121 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 class	I
Impact resistance	IK06
Glow wire resistance	850 °C
Net height	175 mm
Outer diameter	149 mm
Suspension height	2,0 m
Weight	2,5 kg

light distribution curve
SNS RH5-MR1XFL-20-840

■ CO - C180

 UGR rating = 22
 DIN 5040 = A60
 CEN flux code = 89 100 100 100 100
 UGR I = 20,7
 UGR q = 20,7
 UTE = 1.00 A

Offer text

Compact LED downlight with round construction. Downlight for suspended mounting. Luminaire diameter Ø 150 mm. Luminaire height 175 mm. With 3-point wire suspension, transparent supply cable and round, white ceiling rose for suspended installation. For suspension lengths to 2,0 m. With semi-specular vaporised plastic reflector. Colour of luminaire body: 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 2.000 lm, Connected load 16W, luminous efficiency of luminaire 121 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): I, protection rating (DIN EN 60529): IP20. Protection rating on room side: -. 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 is silicone-free. The luminaire complies with fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol. The ENEC certification by an independent testing laboratory is in preparation.

EPREL - European Product Registry for Energy Labelling
Energy Efficiency Class
Model identifier

D

L2C5-40801216F2300