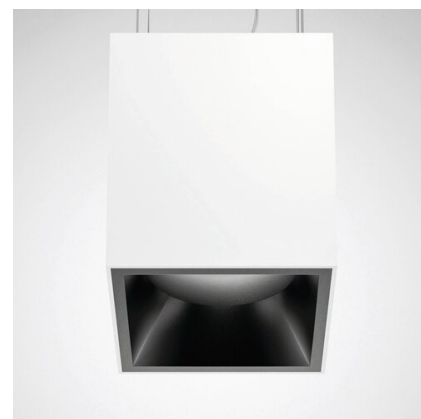
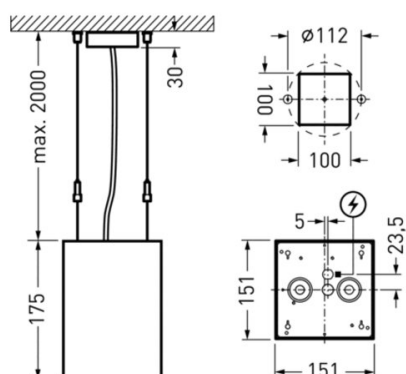
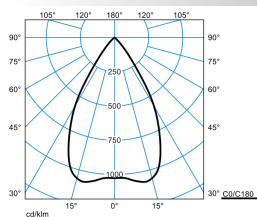




Product features and key data

Luminaire type	Downlight/spot	
Mounting method	Suspended	
Form	Square	
Size	150	
Beam angle	60° Very Wide Flood	
Reflector	black	
Power supply value	14,70 W	
Power factor	0,90	
Colour temperature	4000 K	
Rated light current	2.000 lm	
Luminous efficiency	136 lm/W	
Colour tolerance	2 SDCM	
Interchangeability lightsource	Yes - interchangeable	
Service life	L90 (25 °C) = 100.000 h	L95 (25 °C) = 50.000 h
Colour rendering indx	90	
Photobiological class	Group 1- no risk	
Colour	RAL9016 Traffic white	
Switching type	Electr trnsfmr DALI DIM(ETDD)	
Dimming DALI-2	Yes	
Connection	Connection terminal	
Number of Dali addresses	1	
Dimming range	1 - 100 %	
Touch-Dim-capable	Yes	
Max. Luminaires B10	21	
Max. Luminaires B16	32	
Max. Luminaires C10	32	
Max. Luminaires C16	54	
Rated frequency	50/60 Hz	
DC suitability	Yes	
Protection rating	IP20	
Protection class	I	
Impact resistance	IK06	
Glow wire resistance	850 °C	
Net length	151 mm	
Net width	151 mm	
Net height	175 mm	
Suspension height	2,0 m	
Weight	2,7 kg	

light distribution curve

SNS QH5-SR1VFL-20-940 1 20

UGR rating = 19
 DIN 5040 = A70
 CEN flux code = 96 100 100 100 100
 UGR I = 16,2
 UGR q = 16,2
 UTE = 1.00 A

Available accessories

Material	Description
 SNS ZDTRC2 7572300	Tools for quick and safe disassembly of the recessed downlight and isolating the reflector from the remaining luminaire body.

Offer text

Compact LED downlight with square construction. Downlight for suspended mounting. Dimensions (L x W): 150 mm x 150 mm. Luminaire height 175 mm. With 2-point wire suspension, transparent supply cable and square, white ceiling rose for suspended installation. For suspension lengths to 2,0 m. With black-coated plastic reflector. Colour of luminaire body: white. Symmetric light distribution characteristic and beam spread: 60° Very Wide Flood. Light control via collimator-/lens technology. Suitable for VDU workstations according to EN 12464-1 via reduced luminance $L \leq 3000 \text{ cd/m}^2$ above 65° Direct glare limitation in accordance with UGR 19. With one LED module. Luminaire luminous flux 2.000 lm, Connected load 14,7 W, luminous efficiency of luminaire 136 lm/W. Light colour neutral white, correlated colour temperature (CCT) 4000 K, general colour rendering index (CRI) $R_a = 90$. $R_9 > 50$. Colour locus tolerance (initial MacAdam) ≤ 3 SDCM corresponds to very high colour uniformity of the LEDs in application. Nominal service life $L_{90} (t_q 25^\circ\text{C}) = 50,000 \text{ h}$, nominal service life $L_{80} (t_q 25^\circ\text{C}) = 100,000 \text{ h}$. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020). Permissible ambient temperature (t_a): $-20^\circ\text{C} - +25^\circ\text{C}$. Housing and heat sink made of die-cast aluminium. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP20. Protection rating on room side: -. Impact resistance level in accordance with IEC 62262: IK06, testing temperature of wire glow test in accordance with IEC 60695-2-11: 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 is silicone-free. The product 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. For workstations with computer screens. Offices, Corridors, Foyers, Conference rooms, Retail areas, waiting zones. With Trilux after-sales promise: the luminaire is available for 10 years and spare parts (LED module, control gear unit and optical system) are available for 15 years from date of invoice. The right to make reasonable modifications in the interests of progress is reserved.

EPREL - European Product Registry for Energy Labelling

This product contains (a) light source(s) of energy efficiency class(es):

Energy Efficiency Class	Model identifier
E	BXRE-40G65T0-S-82