



Product features and key data

Mounting method	Surface-mounting Suspension
Power supply value	52 W
Power factor	0,95
Colour temperature	3000 K
Rated light current	10.000 lm
Luminous efficiency	192 lm/W
Colour tolerance	3 SDCM
Interchangeability lightsource	Yes - interchangeable
Operating efficiency	1
Colour rendering indx	80
Service life	100000 hours
Photobiological class	Group 0 - no risk
Colour	RAL9016 Traffic white
Switching type	Electron. transformer (ET)
Connection	Terminal
Touch-Dim-capable	No
Max. Luminaires B10	14
Max. Luminaires B16	22
Max. Luminaires C10	16
Max. Luminaires C16	26
Rated frequency	50/60 Hz
DC suitability	Yes
Protection rating	IP20
Protection ratg lamp compartmt	IP20
Protection class	I
Impact resistance	IK03
Glow wire resistance	650 °C
Net length	2.211 mm
Net width	62 mm
Net height	50 mm
Weight	2,4 kg

light distribution curve

ELINE HE+ LDAW100 830 L225 1 20

DIN 5040 = A40
 UGR I = 22,3
 UGR q = 24,4
 UTE = 0.98 D + 0.02 T
 CEN flux code = 57 87 97 98 100 0 6 44 2

Offer text

LED gear tray for continuous line system E-Line 7651 Fix. Version for use in applications in which continuous lines must comply with the especially high requirements for temperature resistance, luminaire efficiency and service life. Compliant to DIN 10500. The luminaires are suitable for applications in HACCP, IFS and/or BRC Global Standard Food -certified companies in the food and beverage industries. For combining with E-Line Fix 0765... trunking. Gear tray in combination with accessory 07650Fi...IP64 (trunking, cover, end cap) suitable for applications requiring higher protection ratings (IP64) as well as for use in locations exposed to fire hazards according to DIN EN 60598-2-24 (D identification).. Mounting to trunking with tool-free stainless steel snap fasteners. Correct mounting of the gear tray with the trunking is confirmed by a snap-in noise. The transparent mounting elements made of UV-stabilised PC can be removed after successful installation, thus ensuring theft and disassembly protection. Due to the design, the harmonious appearance of the lighting system is also guaranteed when various optical systems are combined within a continuous line system. Light distribution characteristic: double asymmetric wide, Beam spread C90: 88°, Main beam angle: +/- 30°. The optical system consists of a PMMA lens optic with three matched, photometrically effective sections and thus ensures uniform light distribution and homogeneous illumination. The flat surface makes cleaning the luminaire easier. Especially suitable for retail aisle lighting. The light distribution characteristic of the gear tray is determined by the lens concept and requires no further components. Recommended installation height: 2,8 - 3,5 m. With three LED modules (3 x 96 LED). Light generation is free of infrared (IR) and ultraviolet (UV) components. The luminaire luminous flux of the gear tray is electronically parameterised in the production process according to customer requirements. Parameterised luminaire luminous flux of the gear tray: 10.000 lm. connected load 52 W, luminous efficiency of luminaire 192 lm/W. General Colour rendering index (CRI) > 80, correlated colour temperature (CCT) 3000 K. Colour locus tolerance (initial MacAdam) ≤ 3 SDCM. Mean rated service life L80(tq 50 °C) = 100.000 h. Gear tray of sheet steel, coated white. Length of the gear tray 2.211 mm. Permissible ambient temperature (ta) 50 °C. protection rating (DIN EN 60529):IP20 Safety class (EN 61140): I. impact resistance level in accordance with IEC 62262: IK03, testing temperature of wire glow test in accordance with IEC 60695-2-11: 650 °C. Self-actuating electrical connection via plug contacts with phase selection. Phase selection is without use of tools. With mechanical misassembly protection. With electronic transformer, switchable. The product complies with fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol. A special online tool is available for the simple and fast planning and configuration process of the application. The resource-optimised packaging concept of the continuous-row components simplifies installation and protects the environment. The luminaire is also ENEC-certified by an independent testing authority. 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

Energy Efficiency Class	Model identifier
B	85402282-00
B	SI-B8V371720EU