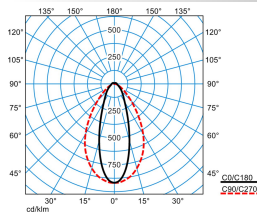


### Product features and key data

Mounting method	Surface-mounting Suspension
Power supply value	108 W
Power factor	0,95
Colour temperature	4000 K
Rated light current	18.900 lm
Luminous efficiency	175 lm/W
Colour tolerance	3 SDCM
Interchangeability lightsource	Yes - interchangeable
Operating efficiency	1
Colour rendering indx	80
Service life	70000 hours
Colour	RAL9016 Traffic white
Switching type	Electron. transformer (ET)
Connection	Connection terminal
Monitoring Ready	Yes
Max. Luminaires B10	21
Max. Luminaires B16	13
Max. Luminaires C10	8
Max. Luminaires C16	13
Rated frequency	50/60 Hz
DC suitability	Yes
Protection rating	IP20
Protection ratg lamp compartmt	IP50
Protection class	I
Impact resistance	IK06
Glow wire resistance	650 °C
Net length	2.211 mm
Net width	71 mm
Net height	77 mm
Weight	2,9 kg

**light distribution curve**


**ELINE HE PN180 840 L225 1 20**  
 DIN 5040 = A60  
 UGR I = 22,9  
 UGR q = 20,9  
 UTE = 0.93 C + 0.07 T  
 CEN flux code = 70 89 96 93 100 15 39 67 7

**Offer text**

LED gear tray for continuous line system E-Line 7651. Version for use in applications with high requirements for temperature resistance, luminaire efficiency and service life of the continuous line. 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 07650... trunking. 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: very narrow. Beam spread: C0 = 35°, C90 = 86°, Main beam angle C0 = 0°. The optical system consists of an impact-resistant, prismatic PMMA cover with high transmission factor. With slight indirect component for surface illumination (8%). Glare evaluation according to UGR rating (EN 12464-1) < 25. Insect-tight lamp compartment due to IP protection rating50. Recommended installation height: 8 - 12 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: 18.900 lm. connected load 108 W, luminous efficiency of luminaire 175 lm/W. General Colour rendering index (CRI) > 80, correlated colour temperature (CCT) 4000 K. Colour locus tolerance (initial MacAdam) ≤ 3 SDCM. Mean rated service life L80(tq 25 °C) = 70.000 h. Gear tray of sheet steel, coated white (similar to RAL9016). Length of the gear tray 2.211 mm. Permissible ambient temperature (ta) -25 °C to 25 °C. protection rating (DIN EN 60529):IP20 Safety class (EN 61140): I. impact resistance level in accordance with IEC 62262: IK06, 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 luminaire is monitoring-ready (MOR), supplies luminaire data for monitoring or for predictive maintenance and is therefore compatible to the TRILUX Digital Services (Energy Monitoring and Light Monitoring). 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	85402982
B	LMC-W-96-700-840-B01-L73W2-C