

Product: R-LINE LED COMPACT 8000 OPTICS-D-ASY EDD 04 840 / L-1680MM

Index: 19.4450.3223.04



Description

R-Line is a suspended linear lighting system designed to balance cost efficiency and performance, ideal for applications with medium-height ceilings up to 5 m, such as offices and retail environments. It features a smart hook-based locking system that enables quick, tool-free connection of luminaires, significantly reducing installation time. The system is built around a modular concept with two segment lengths (1680 mm and 3360 mm), connected via a simple click mechanism to create continuous, uniform lines of light. The housing is made of extruded aluminium, ensuring high rigidity and long-term structural stability. The luminaire is designed for suspended installation using dedicated accessories. R-Line achieves high energy efficiency of up to 149 lm/W and offers various optical configurations, including PLX as well as Optics (Optical system based on lenses) with asymmetric and double asymmetric light distributions, allowing precise adaptation to different lighting needs. Light quality is ensured with SDCM 3 for color consistency and CRI > 80, with available color temperatures of 3000 K and 4000 K. It supports both ON/OFF and DALI control systems, offering flexibility in lighting management. The product is backed by a 5-year warranty and offers a long lifetime of 80,000 hours (L80B10), ensuring reliable, long-term performance.

Product information

Category	Compact
Family	R-LINE LED COMPACT
Name	R-LINE LED COMPACT 8000 OPTICS-D-ASY EDD 04 840 / L-1680MM
Index	19.4450.3223.04
EAN	5902107748517



Light and electrical data

Light source	LED
Luminous flux LED [lm]	8213
LED power [W]	45,4
Luminaire luminous flux [lm]	7104
Power of luminaire [W]	48,8
Luminaire's light efficiency [lm/W]	145,6
Color of the light [K]	4000
CRI	>80
SDCM (LED sources)	3
Beam angle [°]	125°+100°
Photobiological risk class (IEC/EN 62471)	RG0
Protection against electric shock	II
Protection degree	IP20
Voltage	220..240 V, 50..60 Hz
Lifetime of LED sources [h]	80000
Lx/By	L80/B10
Operating temperature range [°C]	5 ÷ 35
Driver	DIM DALI (EDD)
Power factor cos φ	>0,95
Circuit load capacity	14 (B10), 23 (B16), 22 (C10), 35 (C16)

Mechanical data



Assembly	surface mounted on slings
Material	aluminum
Color	RAL 9005 (black)
Diffuser	optical system based on PMMA lenses
Impact resistant	IK06
Dimensions [mm]	1680 x 56 x 48

A graph of light



