

**Product:** R-LINE LED COMPACT 6000 PLX EDD 04 840 / L-1680MM

**Index:** 19.4450.1123.04



## 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	<b>Compact</b>
Family	<b>R-LINE LED COMPACT</b>
Name	<b>R-LINE LED COMPACT 6000 PLX EDD 04 840 / L-1680MM</b>
Index	<b>19.4450.1123.04</b>
EAN	<b>5902107748463</b>



## Light and electrical data

Light source	<b>LED</b>
Luminous flux LED [lm]	<b>6952</b>
LED power [W]	<b>37,5</b>
Luminaire luminous flux [lm]	<b>5701</b>
Power of luminaire [W]	<b>40,3</b>
Luminaire's light efficiency [lm/W]	<b>141,5</b>
Color of the light [K]	<b>4000</b>
CRI	<b>&gt;80</b>
SDCM (LED sources)	<b>3</b>
Beam angle [°]	<b>(C0-C180) / (C90-C270) - 103,4° / 102,6°</b>
Photobiological risk class (IEC/EN 62471)	<b>RG0</b>
Protection against electric shock	<b>II</b>
Protection degree	<b>IP20</b>
Voltage	<b>220..240 V, 50..60 Hz</b>
Lifetime of LED sources [h]	<b>80000</b>
Lx/By	<b>L80/B10</b>
Operating temperature range [°C]	<b>5 ÷ 35</b>
Driver	<b>DIM DALI (EDD)</b>
Power factor cos φ	<b>&gt;0,95</b>
Circuit load capacity	<b>14 (B10), 23 (B16), 22 (C10), 35 (C16)</b>

**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**



## Accessories

Index 19.4450.0001.04

Name R-LINE LED COMPACT SET OF 2  
END CAPS 04



Index 19.4450.0002.04

Name R-LINE LED COMPACT COVER  
04 / L-1680MM



Index 19.4450.0004.00

Name R-LINE LED COMPACT  
SUSPENSION PLATE



Index 6E1-500KW04K-5

Name SUSPENSION NEW TYPE-A+B 04  
LENGHT 1,5M WIRE 5X SET



Index 6E1-8670-B-1,5-5X

Name SUSPENSION NEW TYPE-F  
LENGHT-1,5 METER WIRE 5X 1-  
POINT



Index 19.3272.1205.00

Name SUSPENSION NEW TYPE-E  
LENGHT-1,5 METER WITHOUT  
WIRE 1-POINT



Index 6E1-500KWB04K-5

Name SUSPENSION NEW TYPE-A+E 04  
LENGHT 1,5M WIRE 5X SET



Index 6E1-9875-4-1,5-5X

Name SUSPENSION NEW TYPE-D  
LENGHT-1,5 METER WIRE 5X 1-  
POINT



Index 6E1-9875-3-1,5

Name SUSPENSION NEW TYPE-C  
LENGHT-1,5 METER WITHOUT  
WIRE 1-POINT

