LR700-SD-G1 827-03 2.7W 24VDC

LINEARlight Rigid NICHE | Professional LED modules



Product family benefits

- Elegant appearance, soft lighting, super slim design
- Seamless connection hidden in the structure, homogeneous light
- Surface mounting with screws or magnets for easy installation
- Available in warm white and cool white
- Viewing angle per module: 120°
- Dimmable (with suitable PWM dimming methods)

Areas of application

- Interior lighting
- Show case and stock shelf lighting
- Retail and supermarkets
- Corridors and stairwells





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Technical data

Electrical data

Nominal voltage	24.0 V
Type of current	DC
Rated wattage	2.70 W
Input voltage range	23…25 V
Accidental reverse input voltage protection up to	25 V

Photometrical data

Light color LED	White
Color temperature	2700 K [1)]
Color rendering index Ra	>80
Total useful luminous flux	174 lm
Luminous efficacy	60.3 lm/W
Light color (designation)	White

[1)] Emitted CCT 2500K

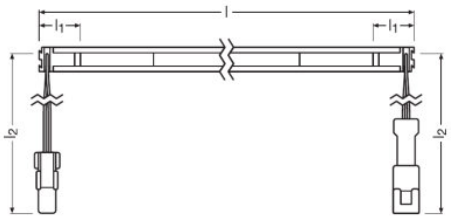
Light technical data

Starting time	< 0.5 s
Warm-up time (60 %)	< 0.50 s

LED module information

Number of LEDs per module	42

Dimensions & weight



Length	285.0 mm
Product weight	24.00 g

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Colors & materials

Cover material	Polycarbonate (PC)
Body material	Aluminum

Temperatures & operating conditions

Maximum temperature at tc test point	70 °C
Temperature range at storage	-20…65 °C
Temperature range in operation at Tc point	-20…70 °C

Certificates & standards

Standards	Acc. to IEC 62471/Acc. to EN 60529/Acc. to IEC 60598-1 (clause 15)/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/CE

Logistical data

Commodity code	888888888888

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	19-05-2023
Primary Article Identifier	4052899557451 | 4062172376778 | 4062172376754 | 4062172376730 | 4062172376716
Declaration No. in SCIP database	In work

Download Data

	File
	User instruction LINEARlight Rigid NICHE
	Product Datasheet LINEARlight Rigid NICHE specification sheet
	Declarations of conformity RIGID SLIM family CE 3601825 02 280723
	CAD data LR700SD-G1-xxx-03
	Eulumdat Eulumdat LR700SD-G1-827-03

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Ecodesign regulation information:

- This product is considered to be a "containing product" in the sense of Regulations (EU) 2019/2020 and (EU) 2019/2015.
- Tolerances of the reported values, are according to LED Modules Performance standard IEC/EN 62717.
- In general, the replacement of the contained light sources without permanent damage to the product with the use of common available tools is possible in the final application when they can be dismantled from the installation environment and substituted for the necessary number of light sources restoring its full electrical/mechanical/thermal/optical functionality by means of a professional installer.In the contrary, and limited to the LINEARlight Flex Diffuse, LINEARlight Rigid Finesse, GINO LED Flex Diffuse and LUMINENT Milky product families, the contained light source is an integrated part of the containing product and its removal can only be done by causing a permanent damage to the containing product due to its tight mechanical, electrical, optical, thermal interaction and/or environmental protection with or from the containing product. Therefore, a replacement of the light source with the use of common available tools is not justified.
- Dismantling of light sources from containing products at end of life: Containing products with light sources which are scalable in length can be cut to the length of the contained light source and if applicable mechanically detached from protective and/or optical covers. Containing products shall be separated from building material and/or from other additional mounting accessories by means of a professional installer.Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899557451	LR700-SD-G1 827-03 2.7W 24VDC	Shipping carton box 100	360 mm x 200 mm x 140 mm	10.08 dm^3	4915.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

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