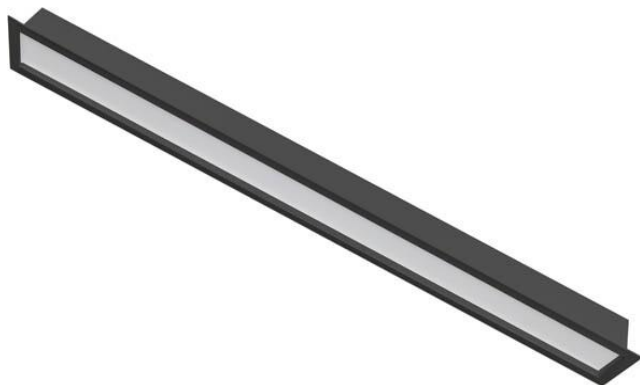


Product Data Sheet

INDOOR LIGHTING

PROFILED RLR 20W

CODE: 2428300



Area of application

Linear LED lighting fixture to be installed on ceilings of corridors/rooms of homes, shopping malls, commercial areas, offices, schools, hospitals, industrial areas..

Product Advantages

PROFILED-RL1 represents a professional series of recessed linear lighting fixtures, designed for architectural applications that demand clean aesthetics and seamless integration. In the standard versions, the fixtures are equipped with SAMSUNG LED sources. For projects requiring higher brightness and maximum efficiency, the High Lumens versions incorporate OSRAM LED sources, delivering superior output and long-lasting operation. As a recessed system, PROFILED-RL1 is engineered for installation into false ceilings or custom architectural structures, creating minimal, continuous lines of light with no visible housing. Its modular design allows the creation of straight runs, continuous lines, or complex geometric shapes. The standard versions are equipped with PHILIPS or TRIDONIC drivers, ensuring stability and long-term reliability. The dimmable versions feature a TRIDONIC 3-in-1 driver, supporting DALI, 1–10V, and Push Button dimming, offering full lighting control and compatibility with modern building automation systems. The fixture includes a high-permeability polycarbonate diffuser, providing uniform and consistent light distribution. For applications where glare control is essential, a microprismatic diffuser with 60° optics and UGR<15 is available as an optional accessory (MDL – 9990870), ensuring enhanced visual comfort in demanding work environments. Constructed from aluminum, electrostatically painted in Sand White or Sand Black. Its recessed installation, modular concept, and high-quality components make it an ideal choice for offices, retail spaces, hotels, educational facilities, and any project requiring high-performance recessed linear lighting.

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Product Features

Electrical

Power (Watt): 20
Voltage: 220-240V AC ~ 50/60Hz
Power Factor: >0.9
Electrical Protection: Class I
Surge Protection: --
Dimmability: NO
Switch Cycle (Times): 30000

Material Characteristics

IP Class: IP20
IK Class: -
Material: Aluminum
Ambient Temperature: -20°C<ta<+40°C
Body Color: BLACK
Product Size (mm): 590x80x50

Technical Drawing

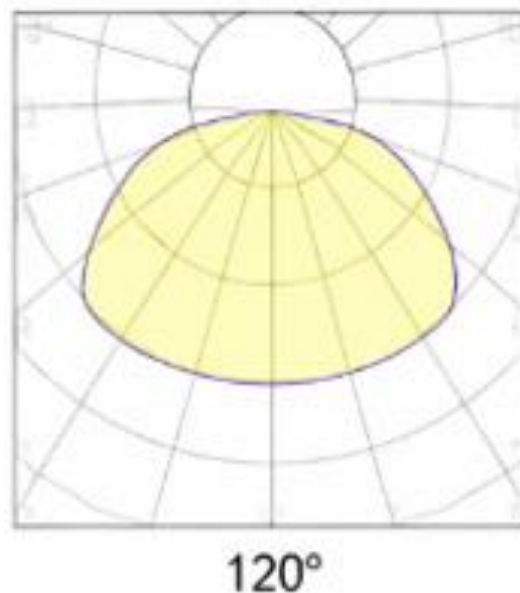
Lighting

Lumen (Lm): 2000
Luminaire efficacy (Lm/W): 100
Colour Temperature: 3000K (WARM WHITE)
Beam Angle: 120°
CRI: Ra >80
Lifetime (Hours): 50000
EEL : E

Packing Informations

Pieces/Outbox: 1
Outbox Size (mm): 70x640x100
Outbox G.W. (Kg): 1,5
Outbox Volume (m ³): 0,00448
Unit Weight (Gr): 1500
Barcode : 8698553618258

Light Distribution Curve



System Definition: PROFILED-RL/REC/30K/BLC/20W/2000LM/6,5x4,5x59cm

VITO EUROPE

102 Iztochna Tangenta str. 4th Floor

P.C. 1528, Sofia/Bulgaria

Phone: +359 2 4341575

E-mail: info@vitoeurope.com

www.vitolighting.com