



LESEL DOWNLIGHT

Typology

LED source with SMD technology and high efficiency chip integrated into a recessed luminaire.

Features

Soft satin effect polycarbonate anti-glare diffuser.
Non removable built-in power supply.

Installation

Complete with springs for easy fastening into false ceilings.
Connection to the mains with terminal block.

Material

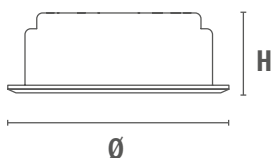
Thermally conductive body; extremely light and manageable.



Characteristic data

Power	15 W	Beam	90°	Dimmable	No	Input	220-240 Vac
Base	Screws	IP	20	Optical compartment IP	43	Flux	1400 lm
PF	0,90	Tc	6000 K	Ra	>80	LED Warranty	G3
Axis	630 cd	RG	RG1				

Dimensional characteristics



Ø	150 mm
H	60 mm

Cutting hole	120
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Lighting and photometric features

Beam opening	90°
Flux	1400 lm
CCT nominal colour temperature	6000 K
Colour of the light	Cool light
Colour rendering index	>80
Lifespan	25000 h
LED lifespan	L70B20
Trigger time	<0,2 s
Heating time up to 60% of full efficiency	Instant Full Light

Electrical characteristics

Rated power	15 W
Input voltage	220-240 Vac
Frequency	50-60 Hz
Dimmable	No
Power factor (PF)	0,90
Weighted energy consumption	15 kWh/1000h
Number of cycles	100000
Operating temperature	-25°C / +35°C

Photometry

 <p>862787 I_{max}=451cd/klm</p>	6000K	H(m)	D(m)	E _{max} (lx)
	Ra80		92°	
	Fixture Power	15W	1	2.07 632
	Source Flux	1400lm	2	4.14 158
	Fixture Flux	1400lm	3	6.21 70
	Efficacy	93lm/W	4	8.28 39
	I _{max}	632cd	5	10.34 25

EuLumDat file on the site

Other Infotech

Reflector	Yes
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LED Warranty

G3	Up to 3 years (4000h/year) * 4000h = 11h a day x 365 days. Without limitations on the duration of use for the first year, provided the observance of the installation conditions.
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European Directives

2009/125/EC * Ecodesign
2011/65/EU * RoHS
2012/19/EU * RAEE
2014/30/EU * EMC
2014/35/EU * LVD
2015/863 * Amending RoHS
2017/1369 * Regulation for Energy Labelling
2019/2015 * Regulation for Energy Labelling
2019/2020 * Regulation for Ecodesign
2021/340 * Amending Reg. Energy Labelling
2021/341 * Amending Reg. Ecodesign

Product standards

CEI EN 55015:2020 (+A11:2020)
CEI EN 60598-1:2022
CEI EN 60598-2-2:2012
CEI EN 61000-3-2:2019 (+A1:2021)
CEI EN 61000-3-3:2014 (+EC1:2014/+EC2:2016/+A1:2021/+A2:2022)
CEI EN 61547:2010
CEI EN 62031:2021 (+A11:2022)
CEI EN 62471:2010
IEC/TR 62471-2:2009
CEI EN 62493:2015
CEI 34-141:2014

Logistics data

Item net weight	350 gr
Barcode single item	8011905862787
Number of pieces multiple pack	6
Barcode multiple pack	8011905902766
Minimum order quantity	6