



RTF100 - ROUND

Typology

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

Features

Aluminium finned body for best heat dissipation.

Installation

Complete with springs for easy fastening into false ceilings.

Material

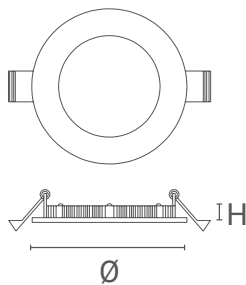
Die-cast aluminium body.

PRO	220-240 Vac	Ra 90		50000 h L80B20	IP20 VI IP43 VO	Wire	-25°C +35°C	Risk Group 0	

Characteristic data

Power	7 W	Beam	110°	Dimmable	No	Input	220-240 Vac
Base	Wire	IP	20	Optical compartment IP	43	Flux	630 lm
Axis	305 cd	PF	0.5	Tc	4000 K	Ra	90
LED Warranty	G5h24	RG	RG0				

Dimensional characteristics



Ø	100 mm
H	24 mm

Cutting hole	75
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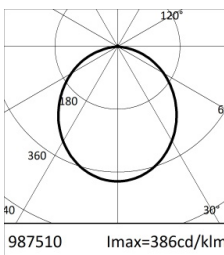
Lighting and photometric features

Beam opening	110°
Flux	630 lm
Axis	305 cd
CCT nominal colour temperature	4000 K
Colour of the light	Natural light
Colour rendering index	90
Lifespan	50000 h
LED lifespan	L80B20
Trigger time	<0,2 s
Heating time up to 60% of full efficiency	Instant Full Light

Electrical characteristics

Rated power	7 W
Input voltage	220-240 Vac
Frequency	50/60 Hz
Dimmable	No
Power factor (PF)	0.5
Operating temperature	-25°C / +35°C

Photometry

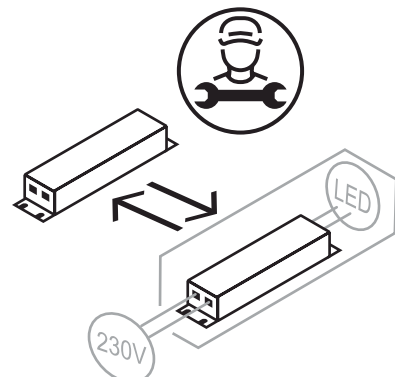
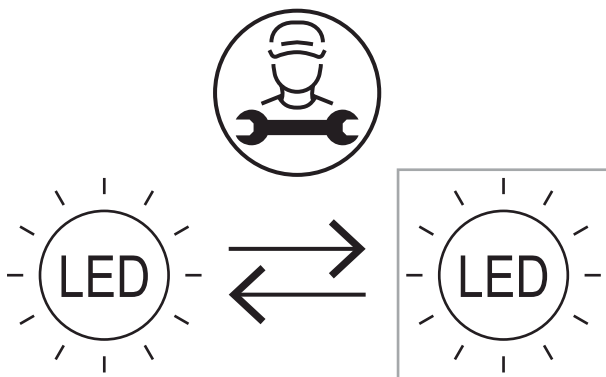


	4000K	H(m)	D(m)	E _{max} (lx)
	Ra90		106°	
Fixture Power	7W	1	2.66	243
Source Flux	630lm	2	5.31	61
Fixture Flux	630lm	3	7.97	27
Efficacy	90lm/W	4	10.62	15
987510 I _{max} =386cd/klm	I _{max}	243cd	13.28	10

EulumDat file on the site

Other Infotech

Light source replaceability	Replaceable (LED only) light source by a professional.
Control gear replaceability	Replaceable control gear by a professional.



LED Warranty

65h24	Full Guarantee 5 years (24h/24h) 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	130 gr
Barcode single item	8011905987510
Number of pieces multiple pack	10
Barcode multiple pack	8011905989996
Minimum order quantity	1
Minimum packaging	1 / 10