



RTF100 - SQUARE

Typology

LED source with SMD technology and high efficiency chip integrated into a recessed luminaire.
External driver included in the package.
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.



Characteristic data

Power	7 W	Beam	110°	Dimmable	No	Input	220-240 Vac
Base	Wire	IP	20	Optical compartment IP	43	Flux	630 lm
PF	0.5	Tc	3000 K	Ra	90	LED Warranty	G5h24
Axis	310 cd	RG	RG0				

Dimensional characteristics



L	100 mm
L1	100 mm
H	24 mm

Cutting hole	75x75
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Lighting and photometric features

Beam opening	110°
Flux	630 lm
CCT nominal colour temperature	3000 K
Colour of the light	Warm 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

	3000K	H(m)		D(m)	E _{max} (lx)	
	Ra90	104°				
	Fixture Power	7W	1	2.56	251	
	Source Flux	630lm	2	5.12	63	
	Fixture Flux	630lm	3	7.67	28	
	Efficacy	90lm/W	4	10.23	16	
	987596	I _{max} =398cd/klm	I _{max}	251cd	5	12.79

EulumDat file on the site

LED Warranty

G5h24	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	140 gr
Barcode single item	8011905987596
Number of pieces multiple pack	10
Barcode multiple pack	8011905990022
Minimum order quantity	1
Minimum packaging	1 / 10