



## 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
Axis	310 cd	PF	0.5	Tc	3000 K	Ra	90
LED Warranty	G5h24	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
Axis	310 cd
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 <sub>max</sub> (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 <sub>max</sub> =398cd/klm	I <sub>max</sub>	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