



## REFL CCT

### Typology

High-efficiency COB LED sources integrated in a recessed luminaire, Ra>90, 50000 hours, with selectable light colour.

Remote driver included.

The lumen and power data indicated refers to the 4000K colour temperature.

### Features

Family declined in 4 power ratings and 3 standard sizes.

Dip-switch for colour temperature selection located on the luminaire body.

Protective diffuser screen.

Flicker Free.

### Installation

Complete with springs for easy fastening into false ceilings.

### Material

Die-cast aluminium body.

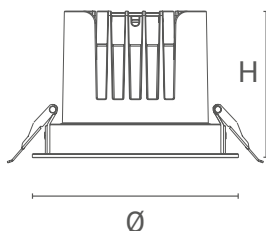


<b>PRO</b>	220-240 Vac	Ra 90		50000 h L70B20	IP20 VI IP43 VO	Free terminals	-25°C +35°C	Risk Group 1	UGR <19

### Characteristic data

Power	12 W	Beam	55°	Dimmable	No	Input	220-240 Vac
Base	Free terminals	IP	20	Optical compartment IP	43	Flux	1100 lm
PF	0.5	UGR	<19	Tc	3000-4000-6000 K	Ra	90
LED Warranty	G5h24	Axis	1400 cd	RG	RG1		

## Dimensional characteristics



Ø	100 mm
H	70 mm

Cutting hole	90
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## Lighting and photometric features

Beam opening	55°
Flux	1100 lm
CCT nominal colour temperature	3000-4000-6000 K
Colour of the light	CCT
Colour rendering index	90
Lifespan	50000 h
LED lifespan	L70B20
UGR	<19

## Electrical characteristics

Rated power	12 W
Input voltage	220-240 Vac
Frequency	50-60 Hz
Dimmable	No
Power factor (PF)	0.5
Input current	0.104 A
Weighted energy consumption	12 kWh/1000h
Energy efficiency class	This product contains a light source of energy efficiency class "E"
Operating temperature	-25°C / +35°C

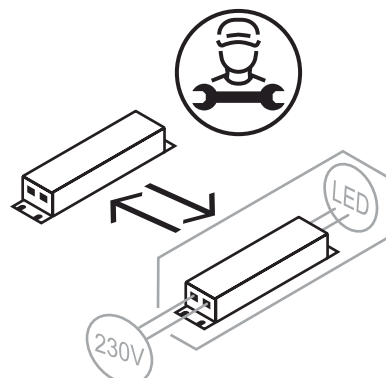
## Photometry

	4000K	H(m)	D(m)	E <sub>max</sub> (lx)
	Ra90		51°	
Fixture Power	12W	1	0.96	1507
Source Flux	1100lm	2	1.91	377
Fixture Flux	1100lm	3	2.87	167
Efficacy	92lm/W	4	3.82	94
017453 I <sub>max</sub> =1383cd/klm	I <sub>max</sub>	5	4.78	60

EuLumDat file on the site

## Other Infotech

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



## 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	264 gr
Barcode single item	8011905017453
Number of pieces multiple pack	30
Minimum order quantity	1
Minimum packaging	1 / 30