



## MODULO LED UGR19 DIMMABLE

### Typology

Wired module with connection to the dedicated power supply.

### Features

Compact low luminance fixture, UGR19 and can be used with luminous intensity dimmers (leading edge TRIAC).

### Material

Aluminium finned body for best heat dissipation.

### Applications

Can be used in existing recessed fixtures, as a replacement of a halogen dichroic lamp. Suitable for use with all ZK rings, interchangeable lenses, adjustable IP20 or fixed IP65 recessable rings.

### Warranty

G3

### Notes

Ensure the fixture used to house the Modulo is suitably ventilated. The code refers to a pack containing the module and its driver.

220-240  
Vac

Ra >80



30000 h  
L70B20

IP20

Wire

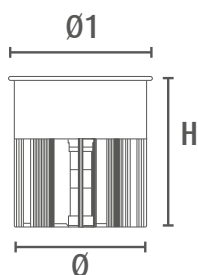
-25°C  
+35°C



## Characteristic data

Power	13 W	Beam	38°	Dimmable	Yes	Input	220-240 Vac
Base	Wire	IP	20	Flux	1000 lm	Axis	2300 cd
PF	0,87	Tc	3000 K	Ra	>80	LED Warranty	G3

## Dimensional characteristics



Ø	50 mm
H	91 mm

## Lighting and photometric features

Beam opening	38°
Flux	1000 lm
Axis	2300 cd
CCT nominal colour temperature	3000 K
Colour of the light	Warm light
Colour rendering index	>80
Lifespan	30000 h
LED lifespan	L70B20
Trigger time	<0,2 s
Heating time up to 60% of full efficiency	Instant Full Light

## Electrical characteristics

Rated power	13 W
Input voltage	220-240 Vac
Frequency	50/60 Hz
Dimmable	Yes
Power factor (PF)	0,87
Input current	0.06 A
Weighted energy consumption	13 kWh/1000h
Number of cycles	100000
Operating temperature	-25°C / +35°C

## Photometry

	3000K	H(m)	D(m)	E <sub>max</sub> (lx)		
	Ra80		33°			
	Fixture Power	13W	1	0.58	2317	
	Source Flux	1000lm	2	1.17	579	
	Fixture Flux	1000lm	3	1.75	257	
	Efficacy	77lm/W	4	2.34	145	
862411	I <sub>max</sub> =2317cd/klm	I <sub>max</sub>	2317cd	5	2.92	93

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	105 gr
Barcode single item	8011905862411