



## DOWNLIGHT HM - IP43

### Typology

Recessed source in relation to the downlight plane: less glare for pleasant surroundings.

Downlight with opaline lens.

A light yet robust fixture: an essential design that can be used everywhere.

Complete with springs for easy fastening into false ceilings.

Heat resistant, anti-yellowing plastic body.

100-240  
Vac

Ra >80



20000 h  
L70B20

Free Wire

-25°C  
+35°C



### Characteristic data

Power	12 W	Beam	100°	Dimmable	No	Input	100-240 Vac
Base	Free Wire	Flux	813 lm	PF	0,90	Tc	4000 K
Ra	>80	LED Warranty	G2	Axis	316 cd		

### Dimensional characteristics

Ø	125 mm
H	102 mm


### Lighting and photometric features

Beam opening	100°
Flux	813 lm
CCT nominal colour temperature	4000 K
Colour of the light	Natural light
Colour rendering index	>80
Lifespan	20000 h
LED lifespan	L70B20
Trigger time	<0,2 s
Heating time up to 60% of full efficiency	Instant Full Light

## Electrical characteristics

Rated power	12 W
Input voltage	100-240 Vac
Frequency	50-60 Hz
Dimmable	No
Power factor (PF)	0,90
Input current	0.07 A
Weighted energy consumption	12 kWh/1000h
Number of cycles	100000
Operating temperature	-25°C / +35°C

## Photometry

	4000K	H(m)	D(m)	Emax(lx)		
	Ra85		104°			
	Fixture Power	11W	1	2.56	316	
	Source Flux	814lm	2	5.12	79	
	Fixture Flux	814lm	3	7.68	35	
	Efficacy	72lm/W	4	10.24	20	
A1396	Imax=388cd/klm	Imax	316cd	5	12.81	13

EulumDat file on the site

## Other Infotech

Reflector	Yes
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## LED Warranty

G2	Up to 2 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 \* RAE  
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	250 gr
Barcode single item	8011905835583
Minimum order quantity	40

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