



## HELIOS IP65

### Typology

High efficiency SMD LED sources LED source integrated in a Class III, IP65, Ra90, 50000 hours downlight fixture.

### Features

IP65 fixture both optical/front side and the back/ component side; IP20 remote driver included in the package.  
Soft satin effect polycarbonate anti-glare diffuser.

### Installation

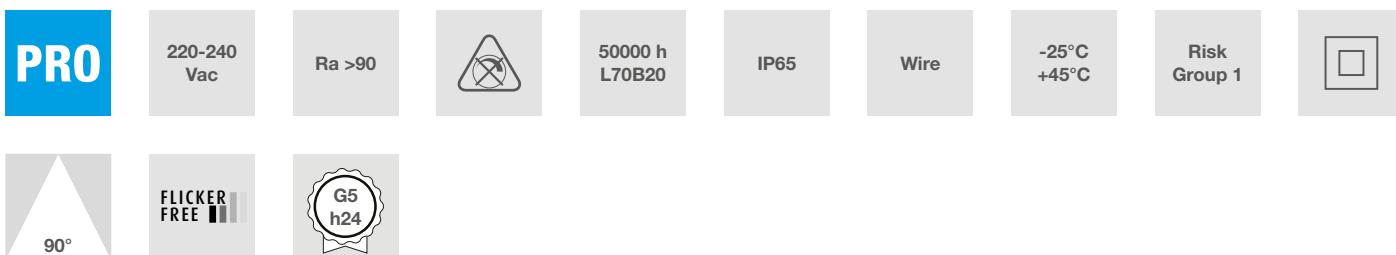
Complete with springs for easy fastening into false ceilings.  
Cable (1 m) with IP65 quick connector.

### Material

Aluminium finned dissipation body.

### Notes

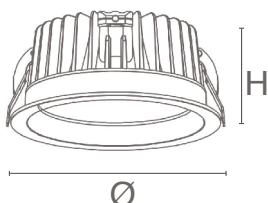
Providing greater visual comfort, improved definition of detail and reduction of stress.



### Characteristic data

Power	12 W	Beam	90°	Dimmable	No	Input	220-240 Vac
Base	Wire	IP	65	Flux	960 lm	PF	0,9
Tc	3000 K	Ra	>90	LED Warranty	G5h24	Axis	420 cd
RG	RG1						

### Dimensional characteristics



Ø	140 mm
H	64 mm

Cutting hole	125
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## Lighting and photometric features

Beam opening	90°
Flux	960 lm
CCT nominal colour temperature	3000 K
Colour of the light	Warm light
Colour rendering index	>90
Lifespan	50000 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	220-240 Vac
Frequency	50-60 Hz
Dimmable	No
Power factor (PF)	0,9
Weighted energy consumption	12 kWh/1000h
Number of cycles	100000
Operating temperature	-25°C / +45°C

## Photometry

	3000K	H(m)	D(m)	Emax(lx)	
	Ra90		94°		
	Fixture Power	12W	1	2.14	422
	Source Flux	960lm	2	4.27	105
	Fixture Flux	960lm	3	6.41	47
	Efficacy	80lm/W	4	8.54	26
	937454 I <sub>max</sub> =439cd/klm	I <sub>max</sub>	422cd	5	10.68

EuLumDat file on the site

## Other Infotech

Flicker Free	Yes
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## 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	240 gr
Barcode single item	8011905937454
Number of pieces multiple pack	27
Barcode multiple pack	8011905938475
Minimum order quantity	1