



## HELIOS IP65

### Typology

High efficiency SMD LED source integrated into a Class III IP65 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

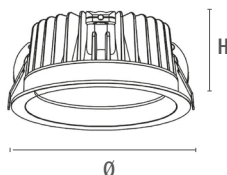
Providing greater visual comfort, improved definition of detail and reduction of stress.

220-240 Vac	Ra >90		50000 h	IP65	Wire	-25°C +45°C	RG1	<b>PRO</b>	
	G5h24								

### Characteristic data

Power	12 W	Beam	90°	Dimmable	No	Input	220-240 Vac
Base	Wire	IP	65	Flux	960 lm	PF	0,9
Tc	4000 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	4000 K
Colour of the light	Natural 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

	4000K	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	
937447	I <sub>max</sub> =439cd/klm	I <sub>max</sub>	422cd	5	10.68	17

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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## Standards and Directives

2009/125/EC, 1194/2012, 2015/1428, 2010/30/EU	CEI EN 61000-3-3:2014
874/2012, 2011/65/EU, 2012/19/EU, 2014/30/EU	CEI EN 61547:2010
2014/35/EU, 2015/863	CEI EN 62031:2009
CEI EN 55015:2020	CEI EN 62031/A1/A2:2015
CEI EN 60598-1:2015	CEI EN 62471:2010
CEI EN 60598-1/A1:2019	IEC TR 62471-2:2009
CEI EN 60598-2-2:2012	CEI EN 62493:2015
CEI EN 61000-3-2:2019	CEI 34-141:2014

## Logistics data

Item net weight	240 gr
Barcode single item	8011905937447
Number of pieces multiple pack	27
Barcode multiple pack	8011905938482
Minimum order quantity	1