



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

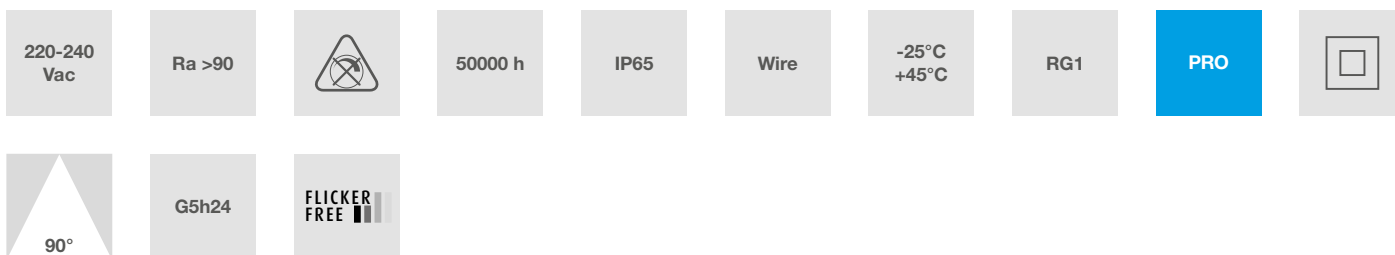
Complete with springs for easy fastening into false ceilings.
Cable (1 m) with IP65 quick connector.

Material

Aluminium finned dissipation body.

Notes

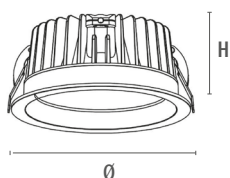
Providing greater visual comfort, improved definition of detail and reduction of stress.



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	Imax=439cd/klm	Imax	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	8011905937454
Number of pieces multiple pack	27
Barcode multiple pack	8011905938475
Minimum order quantity	1