



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

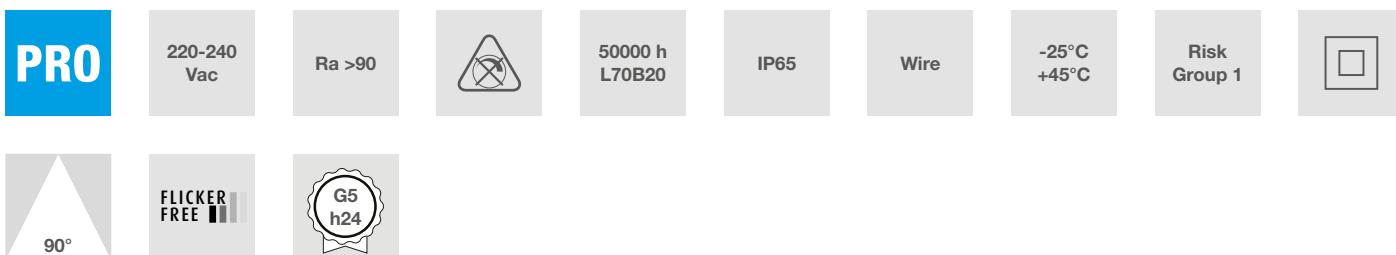
Complete with springs for easy fastening into false ceilings.
Cable (1 m) with IP65 quick connector.

Material

Aluminium finned dissipation body.

Notes

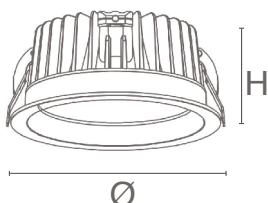
Providing greater visual comfort, improved definition of detail and reduction of stress.



Characteristic data

Power	12 W	Beam	90°	Dimmable	No	Input	220-240 Vac
Base	Wire	IP	65	Flux	960 lm	Axis	420 cd
PF	0,9	Tc	3000 K	Ra	>90	LED Warranty	G5h24
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
Axis	420 cd
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 _{max} =439cd/klm	I _{max}	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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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