



HELIOS UGR RECESSED FIXTURES

Typology

LED source with COB technology and an integrated high efficiency chip in a low glare UGR recessed light fixture.
Remote driver.

Features

The deep recess of the light source combined with the advanced lens technology ensures glare ratings from UGR<11 to UGR<19, applications include offices or places of work where computer screens are used and low glare is essential.
A sealed light source provides easy maintenance and cleaning.

Installation

Complete with springs for easy fastening into false ceilings.

Material

Aluminium body; extremely light and easy to manoeuvre.

Notes

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

PRO	220-240 Vac	Ra >90		50000 h L80B20	IP20 VI IP43 VO	Wire	-25°C +45°C	Risk Group 1	UGR <11
		FLICKER FREE							

Characteristic data

Power	28 W	Beam	36°	Dimmable	No	Input	220-240 Vac
Base	Wire	IP	20	Optical compartment IP	43	Flux	2800 lm
PF	0,95	UGR	<11	Tc	3000 K	Ra	>90
LED Warranty	G5h24	Axis	7250 cd	RG	RG1		

Dimensional characteristics



Ø	172 mm
H	98 mm

Cutting hole	150
--------------	-----

Lighting and photometric features

Beam opening	36°
Flux	2800 lm
CCT nominal colour temperature	3000 K
Colour of the light	Warm light
Colour rendering index	>90
Lifespan	50000 h
LED lifespan	L80B20
Trigger time	<0,2 s
Heating time up to 60% of full efficiency	Instant Full Light
UGR	<11

Electrical characteristics

Rated power	28 W
Input voltage	220-240 Vac
Frequency	50-60 Hz
Dimmable	No
Power factor (PF)	0,95
Weighted energy consumption	28 kWh/1000h
Number of cycles	100000
Operating temperature	-25°C / +45°C

Photometry

	3000K	H(m)		D1(m)	D2(m)	Emax(lx)
	Ra90	37°		37°		
	Fixture Power	28W	1	0.67	0.67	7202
	Source Flux	2800lm	2	1.33	1.33	1800
	Fixture Flux	2800lm	3	2.00	2.00	800
	Efficacy	100lm/W	4	2.66	2.67	450
	936839 Imax=2589cd/klm	Imax	7249cd	5	3.33	3.34

EulumDat file on the site

Other Infotech

Flicker Free	Yes
--------------	-----

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.
-------	---

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	220 gr
Barcode single item	8011905936839
Number of pieces multiple pack	4
Minimum order quantity	1
Minimum packaging	1 / 4