



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

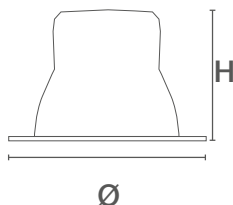
Providing greater visual comfort, improved definition of detail and reduction of stress.

220-240 Vac	Ra >90		50000 h	IP20 VI IP43 VO	Wire	-25°C +45°C	RG1	UGR <15	PRO
		G5h24							

Characteristic data

Power	14 W	Beam	36°	Dimmable	No	Input	220-240 Vac
Base	Wire	IP	20	Optical compartment IP	43	Flux	1450 lm
PF	0,95	UGR	<15	Tc	3000 K	Ra	>90
LED Warranty	G5h24	Axis	3800 cd	RG	RG1		

Dimensional characteristics



Ø	118 mm
H	68 mm

Cutting hole	100
--------------	-----

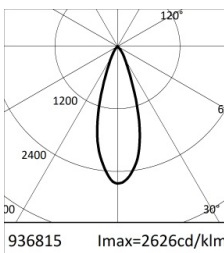
Lighting and photometric features

Beam opening	36°
Flux	1450 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	<15

Electrical characteristics

Rated power	14 W
Input voltage	220-240 Vac
Frequency	50-60 Hz
Dimmable	No
Power factor (PF)	0,95
Weighted energy consumption	14 kWh/1000h
Number of cycles	100000
Operating temperature	-25°C / +45°C

Photometry



	3000K	H(m)	D(m)	Emax(lx)
	Ra90		34°	
Fixture Power	14W	1	0.61	3807
Source Flux	1450lm	2	1.21	952
Fixture Flux	1450lm	3	1.82	423
Efficacy	104lm/W	4	2.42	238
936815 I _{max} =2626cd/klm	I _{max}	5	3.03	152

EulumDat file on the site

Other Infotech

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

LED Warranty

65h24	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 (Compatibilità Elettromagnetica)
 2014/35/EU * LVD (Bassa Tensione)
 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	100 gr
Barcode single item	8011905936815
Number of pieces multiple pack	50
Minimum order quantity	1