



## 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

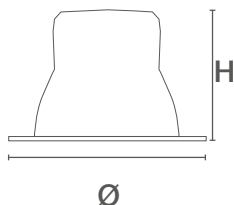
Providing greater visual comfort, improved definition of detail and reduction of stress.

220-240 Vac	Ra >90		50000 h	IP20 VI IP43 VO	Wire	-25°C +45°C	RG1	UGR <19	<b>PRO</b>
		G5h24							

### Characteristic data

Power	9 W	Beam	36°	Dimmable	No	Input	220-240 Vac
Base	Wire	IP	20	Optical compartment IP	43	Flux	850 lm
PF	0,95	UGR	<19	Tc	3000 K	Ra	>90
LED Warranty	G5h24	Axis	1820 cd	RG	RG1		

### Dimensional characteristics



Ø	82 mm
H	53 mm

Cutting hole	65
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## Lighting and photometric features

Beam opening	36°
Flux	850 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

## Electrical characteristics

Rated power	9 W
Input voltage	220-240 Vac
Frequency	50-60 Hz
Dimmable	No
Power factor (PF)	0,95
Weighted energy consumption	9 kWh/1000h
Number of cycles	100000
Operating temperature	-25°C / +45°C

## Photometry



	3000K	H(m)	D(m)	Emax(lx)	
	Ra90		36°		
Fixture Power	9W	1	0.66	1821	
Source Flux	850lm	2	1.32	455	
Fixture Flux	850lm	3	1.98	202	
Efficacy	94lm/W	4	2.64	114	
936792 I <sub>max</sub> =2142cd/klm	I <sub>max</sub>	1821cd	5	3.30	73

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	80 gr
Barcode single item	8011905936792
Number of pieces multiple pack	50
Minimum order quantity	1