



## 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

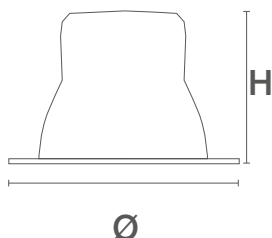
Providing greater visual comfort, improved definition of detail and reduction of stress.

|            |             |              |  |                |                    |      |                |              |         |
|------------|-------------|--------------|--|----------------|--------------------|------|----------------|--------------|---------|
| <b>PRO</b> | 220-240 Vac | Ra >90       |  | 50000 h L80B20 | IP20 VI<br>IP43 VO | Wire | -25°C<br>+45°C | Risk Group 1 | UGR <19 |
|            |             | FLICKER FREE |  |                |                    |      |                |              |         |

### 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                     | 4000 K | Ra    | >90         |
| LED Warranty | G5h24 | Axis | 1820 cd | RG                     | RG1    |       |             |

### Dimensional characteristics



|   |       |
|---|-------|
| Ø | 82 mm |
| H | 53 mm |

|              |    |
|--------------|----|
| Cutting hole | 65 |
|--------------|----|

## Lighting and photometric features

|   |                    |
|---|--------------------|
| Beam opening                              | 36°                |
| Flux                                      | 850 lm             |
| CCT nominal colour temperature            | 4000 K             |
| Colour of the light                       | Natural 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                                       | <19                |

## 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

|  |                        |        |        |          |      |
|--|------------------------|--------|--------|----------|------|
|  | 4000K                  | 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  |
|  | 936808 Imax=2142cd/klm | Imax   | 1821cd | 5        | 3.30 |

EulumDat file on the site

## Other Infotech

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

## LED Warranty

|       |   |
|-------|---|
| G5h24 | Full Guarantee<br>5 years<br>(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                | 80 gr         |
| Barcode single item            | 8011905936808 |
| Number of pieces multiple pack | 50            |
| Minimum order quantity         | 1             |
| Minimum packaging              | 1 / 50        |