
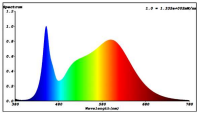





|  Light Source Technical DataSheet | |
|---|--|
| Registration Informations | |
| EAN | 3276007715507 |
| Product Supplier reference | LAC-CF582028-10 |
| Creation date (dd/mm/yyyy) | 19/12/2023 |
| Last update date (dd/mm/yyyy) | 04/01/2024 |
| Product Informations | |
| Type of product | Containing product |
| Supplier's address | ADEO Services - 135 rue Sadi Carnot - CS00001 - 59790 RONCHIN |
| Supplier's name or trade mark | INSPIRE |
| Date of placement on the market (YYYY-MM-DD) | 2024-03-01 |
| Replaceability of Light source | by qualified person |
| Does the light source work with a separate driver or PCB? | no |
| Light source Informations | |
| Light sources maker model | RAFAGA 2700K-6500K |
| EPREL registration informations | |
| EPREL Registration number | 1888999 |
| Link to EU Product Data base | https://eprel.ec.europa.eu/screen/product/Lightsources/1888999 |
| Type of light source | |
| Lighting technology used | LED |
| Non-directional (NDLS) or directional (DLS) | NDLS |
| Light source cap-type | Connector |
| Mains (MLS) or non-mains (NMLS) | NMLS |
| Connected light source (CLS) | No |
| Colour-tuneable light source | No |
| High luminance light source | No |
| Anti-glare shield | No |
| Dimmable | only with specific types of dimmable light sources |
| General light source parameters | |
| Energy consumption in on-mode (kWh/1000h) | 38 |
| Useful luminous flux (lm) | 5550 |
| Beam angle correspondence (degrees) | 360 |
| Energy Efficiency Class | D |
| Correlated colour temperature type (K) | steps |
| Correlated colour temperature (K) | 2700 |
| Correlated colour temperature (K) | 4000 |
| Correlated colour temperature (K) | 6500 |
| On-mode power (W) | 38,0 |
| Standby power (W) | 0,00 |
| Colour rendering index | 80 |
| Outer dimensions (Height) (millimetre) | 441 |
| Outer dimensions (Width) (millimetre) | 441 |
| Outer dimensions (Depth) (millimetre) | 1 |
| Spectral power distribution in the range 250 nm to 800 nm, at full-load |  |
| Spectral power distribution (picture name) | Spectral Power Distribution - RAFAGA 2700K-6500K.jpg |
| Claim of equivalent power | No |
| Chromaticity coordinate (x) | 0,463 |
| Chromaticity coordinate (y) | 0,420 |
| Parameters for LED and OLED light sources | |
| R9 Colour rendering index | 4 |
| Survival factor | 0,90 |
| Lumen maintenance factor | 0,96 |
| Other informations | |
| References to the harmonised normes and standards | (EU)2019/2020 (EU)2019/2015 (EU)2021/340 (EU)2021/341 |
| Testing conditions if not described sufficiently in previous harmonised standards | Not Applicable |
| Calculations performed with the parameters | $\eta_{TM} = (\Phi_{USE} / P_{ON}) \times FTM$ |
| With FTM = | 0,926 |
| The reference control settings, and instructions on how they can be implemented, where applicable | Color temperature setting is 2700K. If you need to change the color temperature, use the IR remote to change. |
| Specific precautions that shall be taken when the model is assembled, installed, maintained or tested | No specific precautions |
| If the light source is dimmable: a list of dimmers it is compatible with, and the light source | N/A |
| If the light source contains mercury: instructions on how to clean up the debris in case of accidental breakage | Not Applicable |
| Recommendations on how to dispose of the light source / Driver at the end of its life Directive 2012/19/EU | Electrical product must not be thrown out with domestic waste. They must be taken to a communal collecting point for environmentally friendly disposal in accordance with local regulations. Contact your local authorities or stockist for advice on recycling. |
| Instructions on how to remove LED Module and/or Driver | |
| Step 1 | Unscrew the panel screws |
| Picture |  |
| Tools | By screwdriver |
| Step 2 | Unscrew the screws of the light board |
| Picture |  |
| Tools | By screwdriver |
| Step 3 | Unplug the wire and the disassembly is completed. |
| Picture |  |
| Tools | by hand |
| Step 4 | |
| Picture | |
| Tools | |