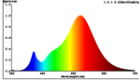





Light Source Technical DataSheet	
Registration information	
(AN)	3276007691733
Product Supplier reference	001260
Creation date (dd/mm/yyyy)	31/10/2023
Last update date (dd/mm/yyyy)	2023/11/2
Product information	
Type of product	Containing product
Supplier's address	ADEO Services - 135 rue Saïd Carnot - CS00001 59190 RONCHIN
Supplier's name or trade mark	INSPIRE
Date of placement on the market (YYYY-MM-DD)	2024-03-14
Replacability of Light source	by qualified person
Does the light source work with a separate driver or PCB?	yes
Replacability of separate control gears	by qualified person
Why the replacement of light sources and/or separate control gear is not appropriate?	No spare part available
Light source information	
Light source maker model	H032
Equivalent models already placed on the market	
EPREL registration information	
EPREL Registration number	0
Link to EU Product Data Base	https://eprel.ec.europa.eu/en/products/3276007691733/light-source
Type of light source	
Lighting technology used	LED
Non-directional (NDS) or directional (DLS)	NDS
Light source cap-type	Connector
Mains (MLS) or non-mains (NMLS)	NMLS
Connected light source (CLS)	No
Colour-tunable light source	No
Envelope	
High luminance light source	No
Anti-glare shield	No
Dimmable	No
General light source parameters	
Energy consumption in on-mode (kWh/1000h)	15
Useful luminous flux (lm)	2200
Beam angle correspondence (degrees)	120
Energy Efficiency Class	D
Correlated colour temperature type (K)	range
Correlated colour temperature (K)	2700
Correlated colour temperature (K)	6500
Correlated colour temperature (K)	
Correlated colour temperature (K)	
On-mode power (W)	15.0
Standby power (W)	0.40
lumiance-HLS in cd/m ² (only for HLS)	
Networked standby power for CLS (W)	
Colour rendering index	80
Outer dimensions (Height) (millimetres)	140
Outer dimensions (Width) (millimetres)	140
Outer dimensions (Depth) (millimetres)	1
Spectral power distribution in the range 250 nm to 800 nm, at full-load	
Spectral power distribution (picture name)	Spectral Power Distribution - H032.jpg
Claim of equivalent power	Yes
Equivalent power (W)	1.36
Chromaticity coordinate (x)	0.463
Chromaticity coordinate (y)	0.420
Parameters for directional light sources	
Peak luminous intensity (cd)	
Beam angle (degree)	
Parameters for LED and OLED light sources	
CR Colour rendering index	8
Sinical factor	0.90
Lumen maintenance factor	0.96
Parameters for LED and OLED mains light sources	
Displacement factor	
Colour consistency in MacAdam ellipses	6
Flicker metric	
Stroboscopic effect metric	
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage	NO
Replacement claim (W)	1.36
Parameters for Colour-tunable light source	
Minimum colour temperature (nm) / Green: 520nm-570nm / Blue: 440nm-490nm	
Other information	
References to the harmonised norms and standards	EU/2019/2020 EU/2019/2015 EU/2021/240 EU/2021/241
Testing conditions if not described sufficiently in previous harmonised standards	Not Applicable
Calculations performed with the parameters	$\eta_{TM} = (\phi_{USE} / PCN) \times FTM$
$\eta_{TM} =$	
With FTM =	1.000
With FTM =	0.926
With FTM =	1.176
With FTM =	1.089
The reference control settings, and instructions on how they can be implemented, where applicable	
Specific precautions that shall be taken when the model is assembled, installed, maintained or tested	No specific precautions
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 2012/18/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.
Driver information	
Driver maker model	HK-DC501-8R
Maximum output power of the driver (for HL, LED and OLED) or the power of the light source for which the driver is intended (for FL and HIG)	24
Type of light source(s) for which it is intended	LED
Efficiency in full-load	0.9
No-load power (Pno) (W)	0.4
Standby power (Psb) (W)	0.4
Standby power (Pstet) (W)	0.4
Driver suitable for dimming	no
Information on the conditions in which the driver can be used for dimming	
List of minimum characteristics that the light sources should have to be fully compatible with the driver during dimming, and possibly a list of compatible dimmable light sources	
Outer dimensions (millimetres)	200
Instructions on how to remove LED Module and/or	
Step 1	Remove the lampshade 
Pictures	
Tools	by hand
Step 2	Pull out the quick connector 
Pictures	
Tools	by hand
Step 3	Remove the screws from the lamp panel 
Pictures	
Tools	by screwdriver
Step 4	
Pictures	
Tools	