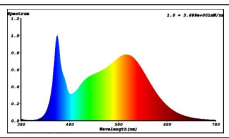
	Light Source Technical DataSheet
Registration informations	
EAN	**3276007695625**
Product Supplier reference	**75766**
Creation date (dd/mm/yyyy)	21/11/2023
Last update date (dd/mm/yyyy)	05/01/2024
Product informations	
Type of product	Light source
Supplier's address	ADEO Services - 135 rue Sadi Carnot - CS00001. 59790 RONCHIN
Supplier's name or trade mark	Inspire
Date of placement on the market (YYYY-MM-DD)	
Replaceability of Light source	by end-users
Does the light source work with a separate driver or PCB?	yes
Replaceability of separate control gears	
Light source Informations	
Light sources maker model	**402**
Equivalent models already placed on the market	
EPREL registration informations	
EPREL Registration number	1889828
Link to EU Product Data base	https://eprel.ec.europa.eu/screen/product/lightsources/1889828
Type of light source	
Lighting technology used	LED
Non-directional (NDLS) or directional (DLS)	NDLS
Light source cap-type	
Mains (MLS) or non-mains (NMLS)	NMLS
Connected light source (CLS)	Yes
Colour-tuneable light source	Yes
High luminance light source	No
Anti-glare shield	No
Dimmable	yes
General light source parameters	
Energy consumption in on-mode (kWh/1000h)	10
Useful luminous flux (lm)	1650
Beam angle correspondence (degrees)	360
Energy Efficiency Class	C
Correlated colour temperature type (K)	steps
Correlated colour temperature (K)	3000
Correlated colour temperature (K)	4000
Correlated colour temperature (K)	6000
Correlated colour temperature (K)	
On-mode power (W)	9,5
Standby power (W)	<0,5
Networked standby power for CLS (W)	
Colour rendering index	80
Outer dimensions (Height) (millimetre)	
Outer dimensions (Width) (millimetre)	
Outer dimensions (Depth) (millimetre)	
Spectral power distribution in the range 250 nm to 800 nm. at full-load	
Spectral power distribution (picture name)	Spectral Power Distribution - 402.jpg
Claim of equivalent power	
Chromaticity coordinate (x)	0,380
Chromaticity coordinate (y)	0,380
Parameters for LED and OLED light sources	
R9 Colour rendering index	21
Survival factor	0,90
Lumen maintenance factor	0,96
Parameters for Colour-tuneable light source	
Excitation purity for dominant wavelength in each plage of color (Blue : 440nm-490nm / Green : 520nm-570nm /	Not Applicable
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	ηTM = (ϕUSE / PON) x FTM
With FTM =	0,926
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 is dimmable: a list of dimmers it is compatible with, and the light source	
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.
Driver informations	
Driver maker model	Not Applicable
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 HID);	Not Applicable
Type of light source(s) for which it is intended	Not Applicable
Efficiency in full-load	Not Applicable
No-load power (Pno) (W)	Not Applicable
Standby power (Psb) (W)	Not Applicable
Standby power (Pnet) (W)	Not Applicable
Driver suitable for dimming :	Not Applicable
Outer dimensions (millimetre)	Not Applicable
Mass in grams of the driver, without packaging, and without lighting control parts and non-lighting parts, if any and if they can be physically separated from the driver	Not Applicable
Instructions on how to remove LED Module and/or Driver	
Step 1 Picture Tools	