

# Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

**Supplier's name or trade mark:** Astro Lighting Ltd

**Supplier's address:** Technical Enquiries, Astro Lighting Ltd, River Way, CM20 2GJ Harlow Essex, UK

**Model identifier:** Forge Europa FEM-1795-5000-830 (per m) 3000K 12V

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	Solder Pads		
Mains or non-mains:	NMLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	Yes

## Product parameters

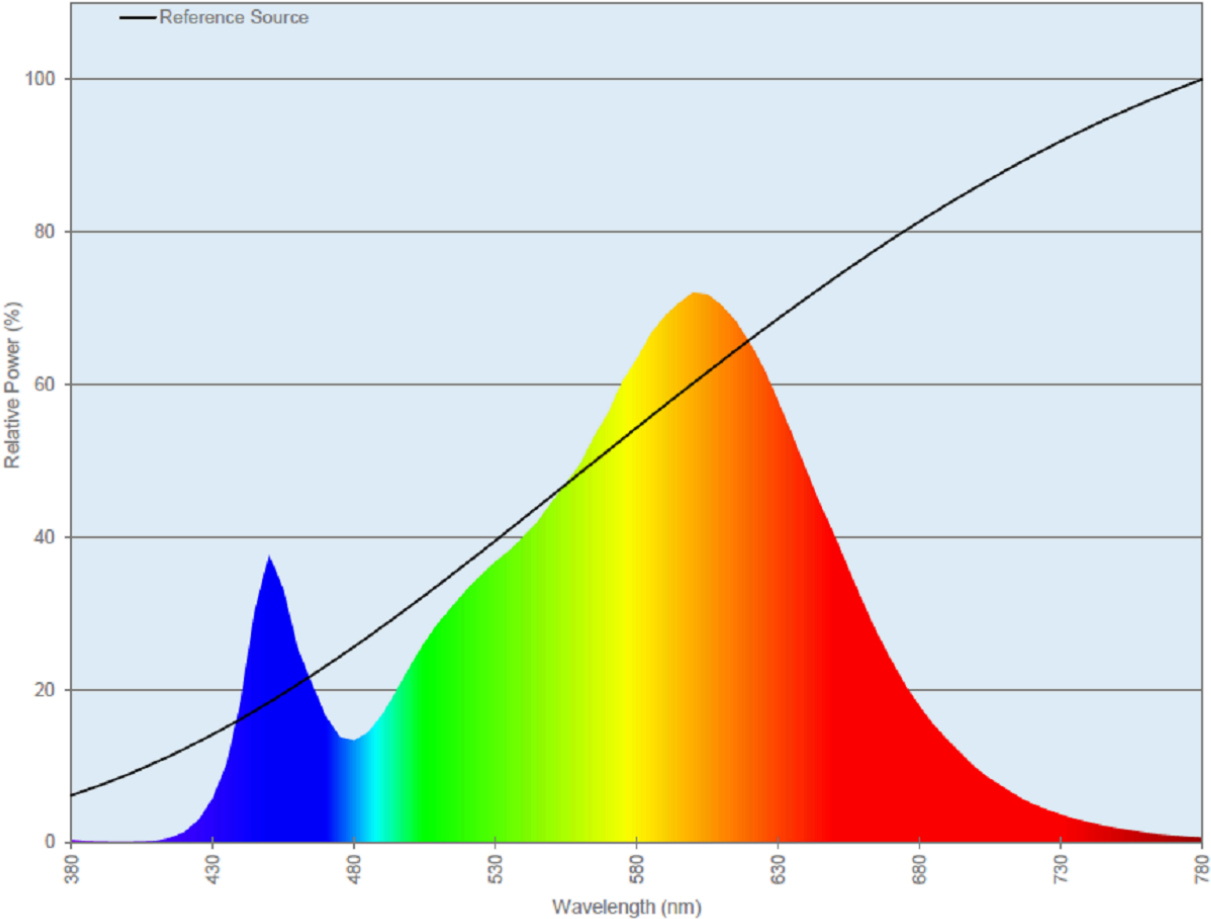
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	14	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 400 in Wide cone (120°)	Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set	3 000
On-mode power ( $P_{on}$ ), expressed in W	14,0	Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal	0,00
Networked standby power ( $P_{net}$ ) for CLS, expressed in W and rounded to the second decimal	-	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	80
Outer dimensions without separate control gear, lighting control	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,434 0,403	
<b>Parameters for directional light sources:</b>				
Peak luminous intensity (cd)	446	Beam angle in degrees, or the range of beam angles that can be set	120	
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value	2	Survival factor	0,99	
the lumen maintenance factor	0,98			

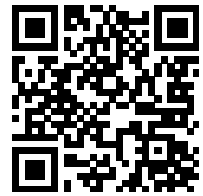
(a) : not applicable;

(b) : not applicable;

Relative Power Distribution



Model placed on the Union market from 01/09/2021



**EPREL registration number:** 877733

<https://eprel.ec.europa.eu/qr/877733>

**Supplier:** Astro Lighting (Europe) b.v. (Importer)

**Website:** [www.astrolighting.com](http://www.astrolighting.com)

**Customer care service:**

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