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-2035-927 (@700mA)

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

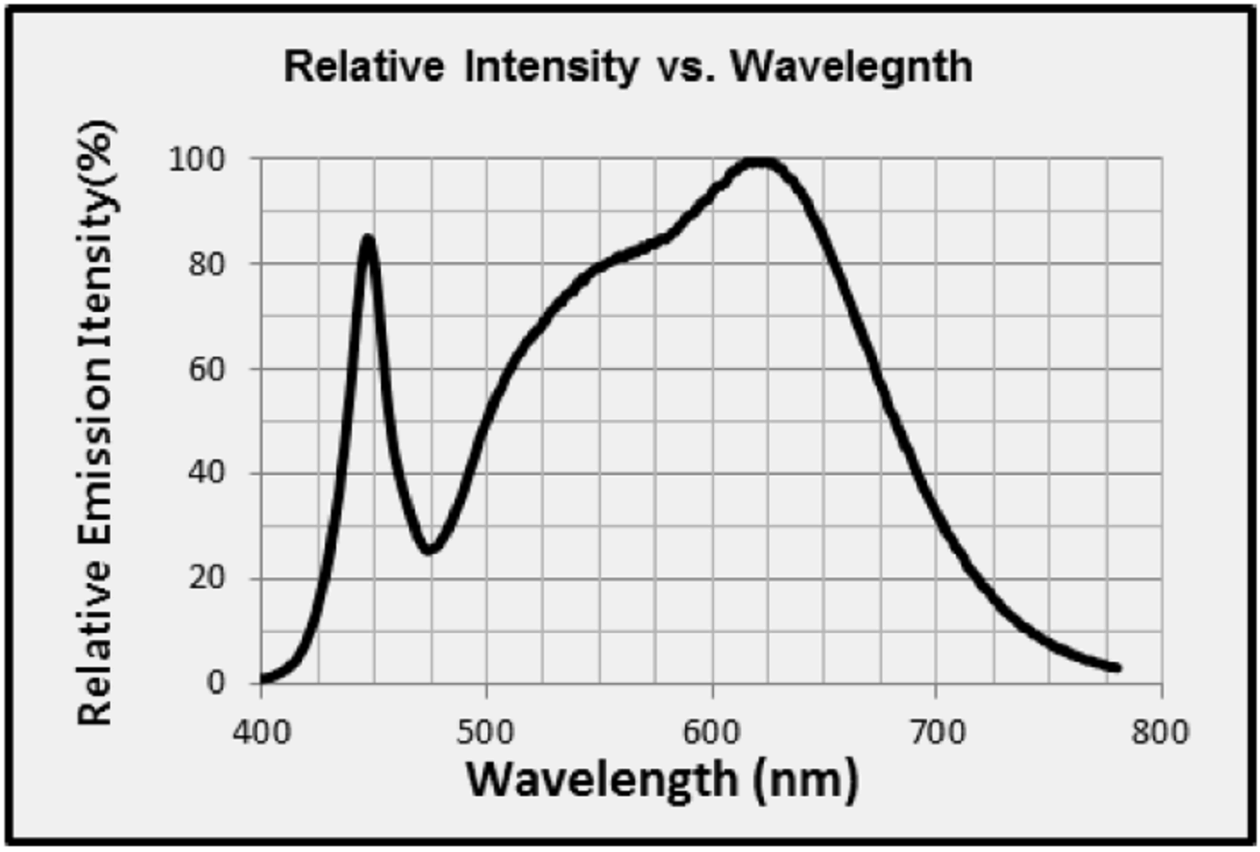
Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	2	Energy efficiency class	E
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	211 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	2 700
On-mode power (P_{on}), expressed in W	2,0	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	90
Outer dimensions without separate control gear, lighting control — Height	21	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Outer dimensions without separate control gear, lighting control — Width	20		
Outer dimensions without separate control gear, lighting control — Depth	5		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,457 0,410
Parameters for directional light sources:				
Peak luminous intensity (cd)		67	Beam angle in degrees, or the range of beam angles that can be set	120
Parameters for LED and OLED light sources:				
R9 colour rendering index value		61	Survival factor	0,99
the lumen maintenance factor		0,97		

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;


Relative Intensity vs. Wavelegnth
Relative Emission Itensity(%)
100
80
60
40
20
0
400
500
600
700
800
Wavelength (nm)

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

EPREL registration number: 877740

https://eprel.ec.europa.eu/qr/877740

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

Website: www.astrolighting.com

Customer care service:

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