

Product Information Sheet

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

Supplier's name or trade mark: Gem Imports Ltd

Supplier's address: Gem Imports Ltd, 2 Athena Way, Hoyland, Barnsley, S74 0FQ

Model identifier: ELE8120/OB

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E14		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

Parameter	Value	Parameter	Value
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General product parameters:

Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	470 in Sphere (360°)	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	4,000
On-mode power (P_{on}), expressed in W	5.0	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 parts and non-lighting control parts, if any (millimetre)	Height	37	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	100	
	Depth	100	
Claim of equivalent power ^(a)	Yes	If yes, equivalent power (W)	40
		Chromaticity coordinates (x and y)	0,380 0,380

Parameters for LED and OLED light sources:			
R9 colour rendering index value	0	Survival factor	1.00
the lumen maintenance factor	0.95		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0.90	Colour consistency in McAdam ellipses	6
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage	.(b)	If yes then replacement claim (W)	-
Flicker metric (Pst LM)	1.0	Stroboscopic effect metric (SVM)	0.4

^(a)-' : not applicable;

^(b)-' : not applicable;