Product Information Sheet

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

Supplier's name or trade mark: HOMCOM

Supplier's address: Product Department, AOSOM Italy srl Centro Direzionale Milanofiori Strada 1 Palazzo F1 20057 - Assago (MILANO)

Model identifier: B31-546V90WT

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	n/a		
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

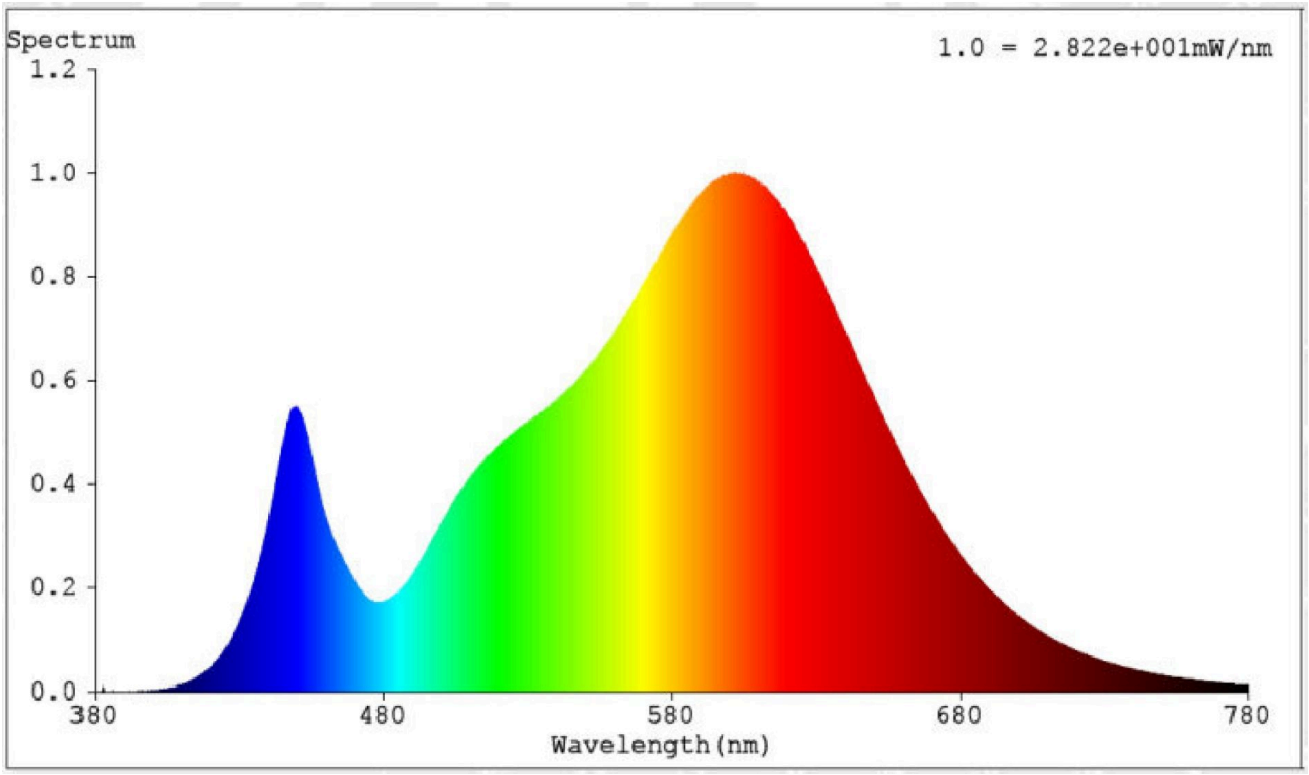
Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	20	Energy efficiency class	F
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)	1 530 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	20,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,10
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, light-	Height: 1 500	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width: 10		
	Depth: 3		

ing control parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[a]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,431 0,400
Parameters for directional light sources:				
Peak luminous intensity (cd)		659	Beam angle in degrees, or the range of beam angles that can be set	113
Parameters for LED and OLED light sources:				
R9 colour rendering index value		4	Survival factor	1,00
the lumen maintenance factor		0,96		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,90	Colour consistency in McAdam ellipses	5
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)		0,2	Stroboscopic effect metric (SVM)	0,1

[a] '-' : not applicable;

[b] '-' : not applicable;


Spectrum
1.0 = 2.822e+001mW/nm
1.2
1.0
0.8
0.6
0.4
0.2
0.0
380
480
580
680
780
Wavelength(nm)

EPREL registration number: 2693554 Model placed on the Union market from 15/04/2026.	https://eprel.ec.europa.eu/qr/2693554

Supplier: AOSOM ITALY S.R.L. (Importer) **Website:** https://www.aosom.it/

Customer care service:

Name: Product Department **Website:** https://www.aosom.it/

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