Product Information Sheet

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

Supplier's name or trade mark: KGP Electronics GmbH

Supplier's address: Sales , Hueckstraße 19, 58511 Lüdenscheid Lüdenscheid Märkischer Kreis , DE

Model identifier: LM2420F39W-40B14C13(Ra4)-S-SPHO-3000K

Type of light source:

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

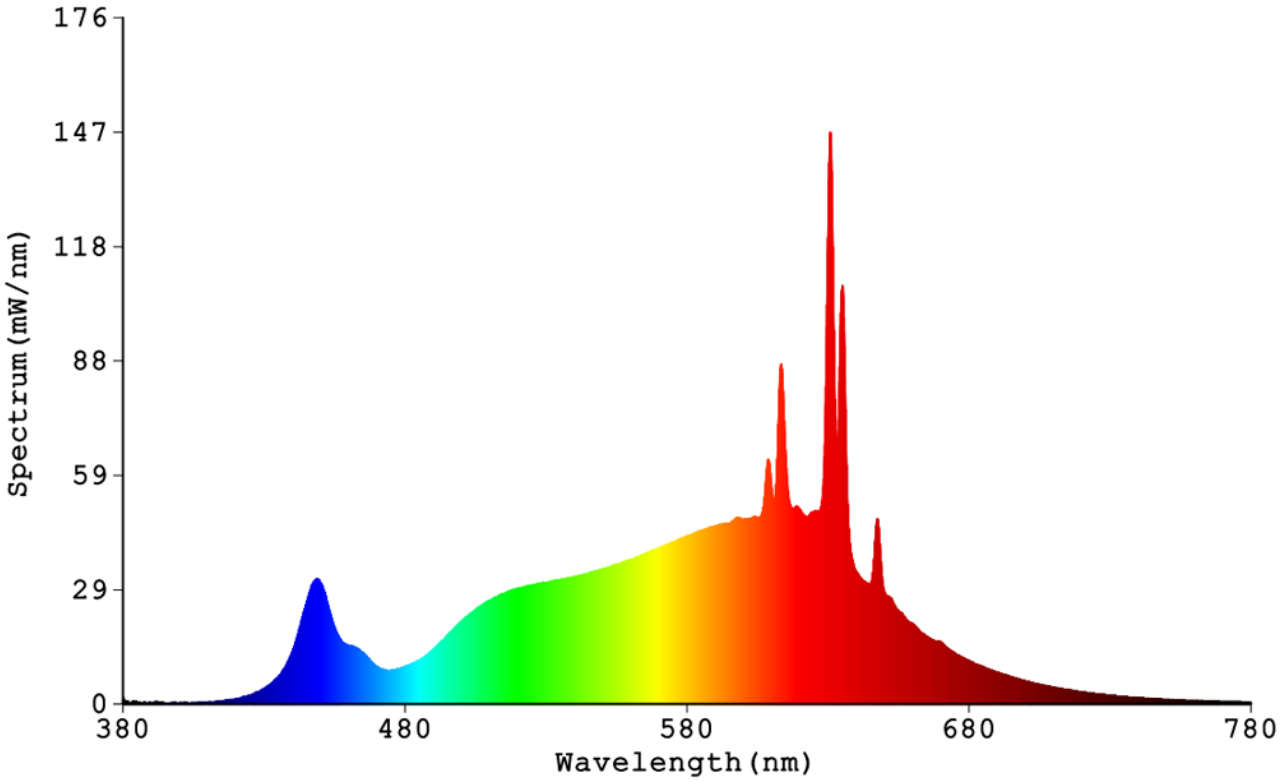
Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	31	Energy efficiency class	C
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)	2 805 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	2905...3150
On-mode power (P_{on}), expressed in W	14,8	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	93
Outer dimensions without separate control gear, lighting control — Height	1	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	23		
Depth	23		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,444 0,406
Parameters for LED and OLED light sources:				
R9 colour rendering index value		57	Survival factor	0,93
the lumen maintenance factor		0,92		

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

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


176
147
118
88
59
29
0
Spectrum (mW/nm)
380
480
580
680
780
Wavelength (nm)

Model placed on the Union market from 01/11/2024

EPREL registration number: 2190383

https://eprel.ec.europa.eu/qr/2190383

Supplier: KGP Electronics GmbH (Manufacturer)

Website: www.kgp-electronics.de

Customer care service:

Name: Sales

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