

Product Information Sheet

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

Supplier's name or trade mark: ORION

Supplier's address: Orion Leuchten-Fabrik Molcez & Sohn Ges.m.b.H., Oberlaaerstraße 284, 1230 Wien, AT

Model identifier: LM 230V/5W *FO* (G9/500lm/2700K)

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	G9		
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:	Only with specific dimmers

Product parameters

Parameter	Value	Parameter	Value
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°)	500 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	2 700
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 con-	Height	55	Spectral power distribution in the See image in last page
	Width	19	
	Depth	19	

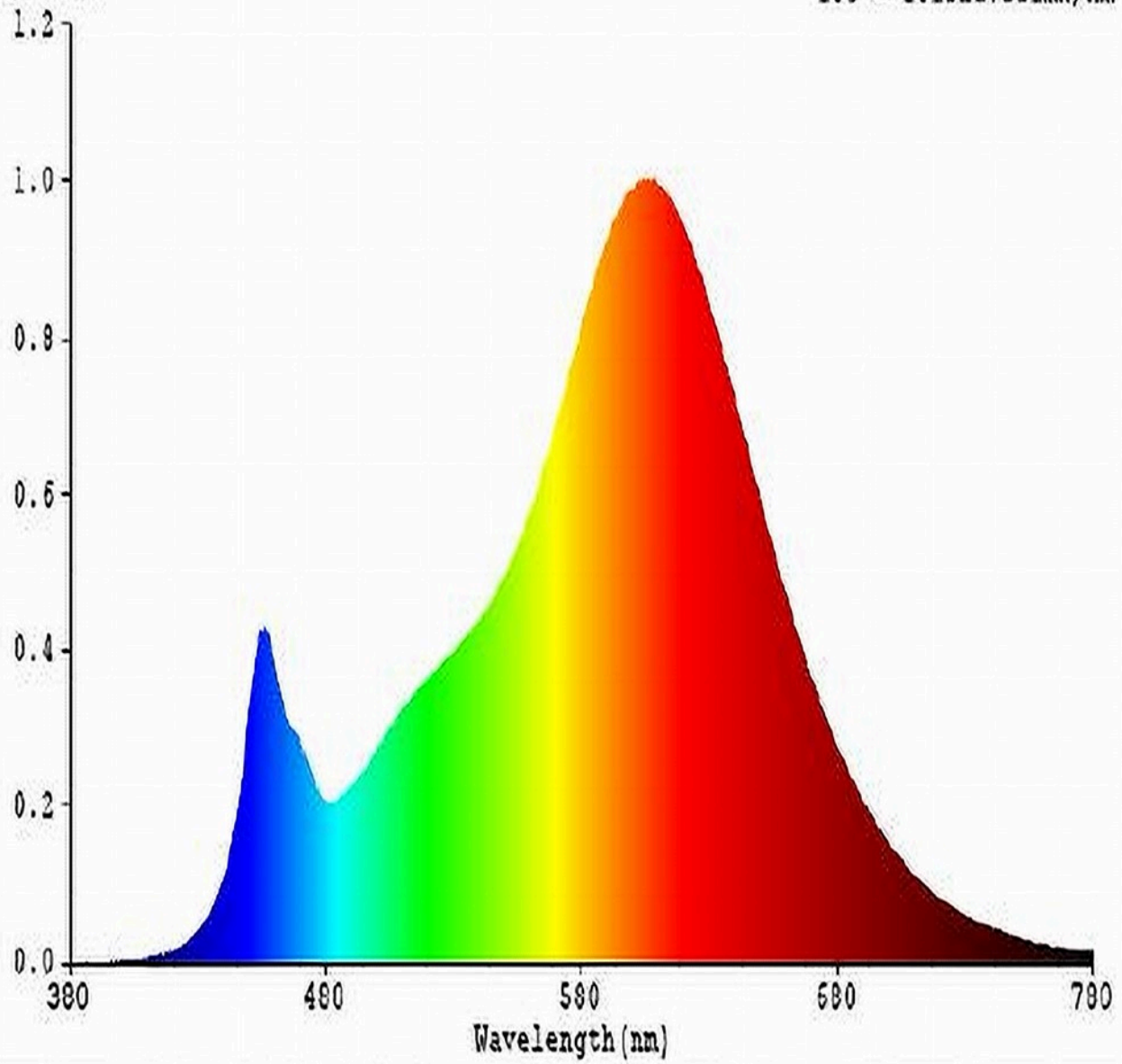
trol gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)	Yes		If yes, equivalent power (W)	42
			Chromaticity coordinates (x and y)	0,455 0,403
Parameters for LED and OLED light sources:				
R9 colour rendering index value	4		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	2
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)	0,1		Stroboscopic effect metric (SVM)	0,1

(a) : not applicable;

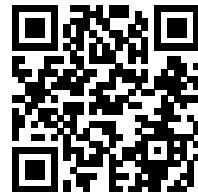
(b) : not applicable;

Spectrum

1.0 = 1.192e+001mW/nm



Model placed on the Union market from 31/05/2024



EPREL registration number: 1905987

<https://eprel.ec.europa.eu/qr/1905987>

Supplier: Orion Leuchten-Fabrik Molecz & Sohn Gesellschaft m.b.H (Manufacturer)

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Customer care service:

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