

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: QC, Oberlaaer Straße 284, 1230 Wien, AT

Model identifier: LM 230V/5W GLASGU10 (GU10/400lm/3000K)

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	GU10		
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:	Yes

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°)	400 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	3 000
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	95
Outer dimensions without separate control gear, lighting control	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,460 0,420	
Parameters for directional light sources:				
Peak luminous intensity (cd)	750	Beam angle in degrees, or the range of beam angles that can be set	38	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	82	Survival factor	1,00	
the lumen maintenance factor	0,96			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,91	Colour consistency in McAdam ellipses	4	
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)	0,9	Stroboscopic effect metric (SVM)	0,4	

(a) '-': not applicable;

(b) '-': not applicable;

ANNEX 5

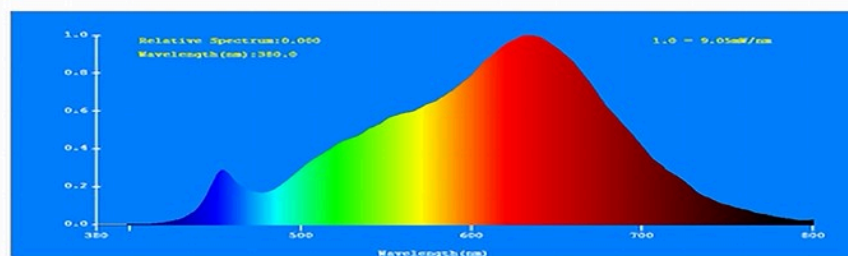
Photo documentation

Type of equipment, model: LED LampDetails of: LM 230V/5W GLASGU10 (GU10/400lm/3000K)

View:

☒ general☐ front☐ rear☐ right☐ left☐ top☐ bottomDetails of: Spectral power distribution

View:

☒ general☐ front☐ rear☐ right☐ left☐ top☐ bottom

--- End of Report ---



SGS-CSTC Testing Technology Co., Ltd.
Vingbo Branch (Inspector's Office)

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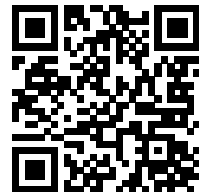
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TRF No. (EU) 2019/2020_D

Model placed on the Union market from 30/11/2021



EPREL registration number: 759770

<https://eprel.ec.europa.eu/qr/759770>

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

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