

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: Qualitätssicherung, Oberlaaerstraße 284, 1230 Wien, AT

Model identifier: LED 10n 10W SMD(100pcs) 500x6mm Band 3000K

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	LED module		
Mains or non-mains:	NMLS	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	10	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°)	1 100 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	10,0	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	92
Outer dimensions without separate control gear, lighting control	Height	500	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	6	
	Depth	1	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,435 0,398
Parameters for LED and OLED light sources:			
R9 colour rendering index value	46	Survival factor	1,00
the lumen maintenance factor	0,96		

(a) : not applicable;

(b) : not applicable;



BST Testing (Shenzhen)

Report No.:

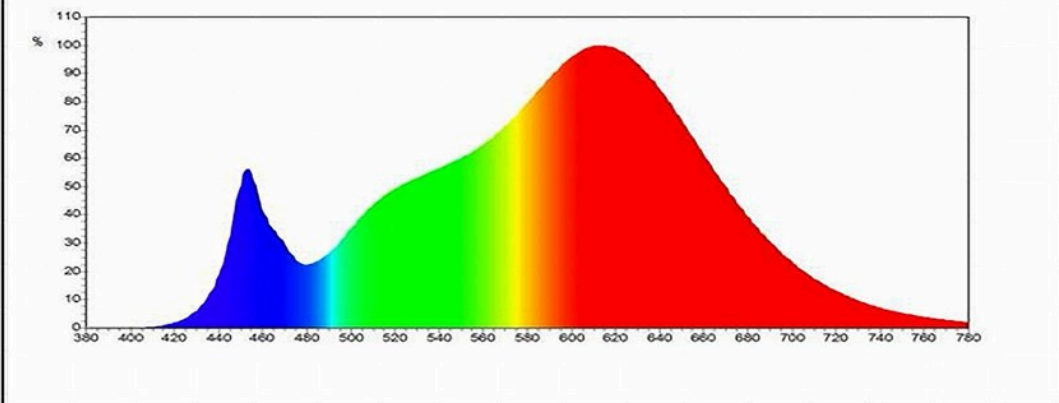
Clause	Requirement + Test	Result – Remark	Verdict
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Parameters for LED and OLED light sources:

R9 colour rendering index value	46	Survival factor	1.00
the lumen maintenance factor	0.96		
Parameters for LED and OLED mains light sources:			
displacement factor (cos φ1)	1	Colour consistency in McAdam ellipses	2.6
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	-	If yes then replacement claim (W)	-
Flicker metric (Pst LM)	0.0	Stroboscopic effect metric (SVM)	0.0

"-"not applicable;

Attachment : Photometric test record:



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