Product Information Sheet

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

sources	ELEGATED REGUI	-AHON (EU) 2019/2	.015 with regard to ener	gy labelling of light
Supplier's name	e or trade mark:	ORION		
Supplier's addre	ess: Qualitätssich	nerung, Oberlaaerst	raße 284, 1230 Wien, A	Γ
Model identifie	r: LED 8g 8W SM	ID(8pcs) 180x20mm	3000K	
Type of light so	urce:			
Lighting techno	logy used:	LED	Non-directional or directional:	DLS
Light source cap	o-type	LED module		
(or other electri	c interface)			
Mains or non-m	ains:	NMLS	Connected light source (CLS):	No
Colour-tuneable	e light source:	No	Envelope:	-
High luminance		No		
Anti-glare shield	<u>d:</u>	No .	Dimmable:	Yes
		Product para		
Parameter		Value	Parameter	Value
Energy consur	nption in on-	General product p	Energy efficiency	F
<u> </u>	00 h), rounded	o o	class	1
dicating if it refe a sphere (360º)	s flux (φuse), in- ers to the flux in , in a wide cone errow cone (90º)	590 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 pow pressed in W	ver (P _{on}), ex-	7,5	Standby power (P _{sb}), expressed in W and rounded to the sec- ond decimal	0,00
(P _{net}) for CLS, 6	andby power expressed in W the second dec-	-	Colour rendering in- dex, rounded to the nearest integer, or the range of CRI-val- ues that can be set	83
Outer dimen-	Height	180	Spectral power dis-	See image
sions without separate con- trol gear, light- ing control	Width Depth	20	tribution in the range 250 nm to 800 nm, at full-load	in last page

parts and non- lighting con- trol parts, if any (millime- tre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordi-	0,448
		nates (x and y)	0,410
Parameters for directional light	sources:		
Peak luminous intensity (cd)	300	Beam angle in degrees, or the range of beam angles that can be set	160
Parameters for LED and OLED lig	tht sources:		
R9 colour rendering index value	5	Survival factor	1,00
the lumen maintenance factor	0,96		

(a)'-': not applicable; (b)'-': not applicable;



Clause

BST Testing (Shenzhen) Co.,Ltd.

Requirement + Test

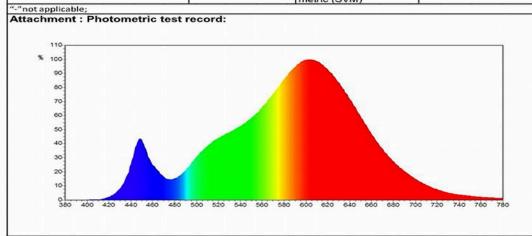
Report No.: BSTXD221022747424SR

Verdict

Result - Remark

Stroboscopic effect metric (SVM)

R9 colour rendering index value	5	Survival factor	1,00
the lumen maintenance factor	0.96		
Parameters for LED and OLED mains	light sources:		
displacement factor (cos φ1)	0.950	Colour consistency in McAdam ellipses	4.0
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)	0.9	Stroboscopic effect	0.4



Add: No.7, New Era Industrial Zone, Guantian, Bao'an District, Shenzhen, Guangdong, China
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