## **Product Information Sheet**

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

sources		-	io 13 With regard to energ	By labeling 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	er: LED 12e 12W S	SMD(60pcs) 360x7r	nm Band 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	ic interface)			
Mains or non-m	nains:	NMLS	Connected light source (CLS):	No
Colour-tuneable		No	Envelope:	-
High luminance		No		
Anti-glare shield	d:	No .	Dimmable:	Yes
D		Product para		V-1 -
Parameter		Value	Parameter	Value
Enorgy consur	nption in on-	General product <sub>1</sub>	Energy efficiency	F
<u> </u>	00 h), rounded	12	class	1
dicating if it refe a sphere (360º)	s flux (φuse), in- ers to the flux in , in a wide cone arrow cone (90º)	940 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 pov pressed in W	ver (P <sub>on</sub> ), ex-	12,0	Standby power (P <sub>sb</sub> ), expressed in W and rounded to the sec- ond decimal	0,00
Networked standby power (P <sub>net</sub> ) 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	83
Outer dimen-	Height	360	Spectral power dis-	See image
sions without separate con- trol gear, light- ing control	Width Depth	7	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 <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordi-	0,440
		nates (x and y)	0,405
Parameters for directional light	sources:		
Peak luminous intensity (cd)	420	Beam angle in degrees, or the range of beam angles that can be set	160
Parameters for LED and OLED lig	ht sources:		
R9 colour rendering index value	8	Survival factor	1,00
the lumen maintenance factor	0,96		

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



Clause

BST Testing (Shenzhen) Co.,Ltd.

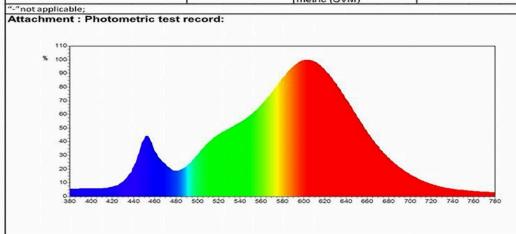
Requirement + Test

Report No.: BSTXD221022747416SR

Verdict

Result - Remark

R9 colour rendering index value	8	Survival factor	1,00
the lumen maintenance factor	0.96		
Parameters for LED and OLED mains	light sources:		
displacement factor (cos φ1)	0.967	Colour consistency in McAdam ellipses	1.4
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 metric (SVM)	0.4



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