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 100011111B 01 11B110
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 10e 10W S	SMD(96pcs) 498x13	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 p	Energy efficiency	F
<u> </u>	00 h), rounded	10	class	Г
dicating if it refe a sphere (360º)	s flux (φuse), in- ers to the flux in , in a wide cone arrow cone (90º)	770 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-	9,8	Standby power (P _{sb}), expressed in W and rounded to the sec- ond 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	84
Outer dimen-	Height	498	Spectral power dis-	See image
sions without separate con- trol gear, light- ing control	Width Depth	13	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-	0,444
		nates (x and y)	0,408
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	ht sources:		
R9 colour rendering index value	13	Survival factor	1,00
the lumen maintenance factor	0,96		

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



Clause

BST Testing (Shenzhen) Co.,Ltd.

Requirement + Test

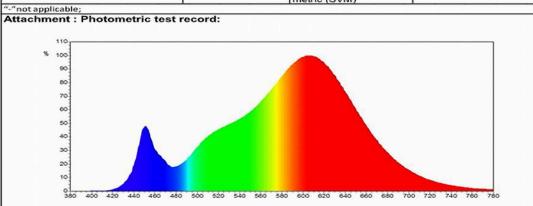
Report No.: BSTXD221022747403SR

Verdict

Result - Remark

Stroboscopic effect metric (SVM)

R9 colour rendering index value	13	Survival factor	1,00
the lumen maintenance factor	0.96		
Parameters for LED and OLED mains	light sources:		
displacement factor (cos φ1)	0.534	Colour consistency in McAdam ellipses	2.2
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
Certificate Search: http://www.bst-lab.com, Tel:400-882-6168, 8009990305, E-mail:christina@bst-lab.com
Page 14 of 19