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 addr	ess: Qualitätssich	nerung, Oberlaaerst	raße 284, 1230 Wien, A	Γ
Model identifie	er: LED 4,8a 4,8W	SMD(24pcs) 317,5	x7mm 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
Dougnoston		Product para		Value
Parameter		Value General product p	Parameter:	Value
Energy consur	nption in on-	5	Energy efficiency	F
<u> </u>	00 h), rounded	3	class	'
dicating if it refo a sphere (360º)	s flux (φuse), iners to the flux in , in a wide cone arrow cone (90°)	390 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 _{on}), ex-	4,8	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	83
Outer dimen-	Height	317	Spectral power dis-	See image
sions without separate con-	Width	7	tribution in the range 250 nm to 800	in last page
trol gear, light- ing control	Depth	1	nm, at full-load	

parts and non- lighting con- trol parts, if any (millime- tre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordi-	0,437
		nates (x and y)	0,408
Parameters for directional light	sources:		
Peak luminous intensity (cd)	200	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	6	Survival factor	1,00
the lumen maintenance factor	0,96		

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



Clause

BST Testing (Shenzhen) Co.,Ltd.

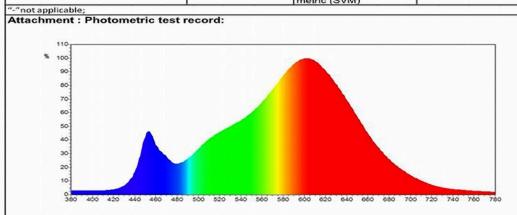
Requirement + Test

Report No.: BSTXD221022747419SR

Verdict

Result - Remark

R9 colour rendering index value	6	Survival factor	1,00
the lumen maintenance factor	0.96		
Parameters for LED and OLED mains I	ight sources:		
displacement factor (cos φ1)	0.989	Colour consistency in McAdam ellipses	3.7
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
Certificate Search: http://www.bst-lab.com, Tel:400-882-6168, 8009990305, E-mail:christina@bst-lab.com
Page 14 of 15