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 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 4i 4W SM	D(4pcs) dia25mmx2	2mm 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
Energy consur	nption in on-	General product p	Energy efficiency	F
<u> </u>	00 h), rounded	4	class	1
dicating if it refe a sphere (360º)	s flux (φuse), ineers to the flux in, in a wide cone errow cone (90º)	360 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-	4,0	Standby power (P _{sb}), expressed in W and rounded to the sec- ond decimal	0,00
(P _{net}) for CLS, (andby power expressed in W the second dec-	-	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	80
Outer dimen-	Height	25	Spectral power dis-	See image
sions without separate con- trol gear, light- ing control	Width Depth	25	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-	0,446
		nates (x and y)	0,413
Parameters for directional light	sources:		
Peak luminous intensity (cd)	140	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	71	Survival factor	1,00
the lumen maintenance factor	0,96		

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

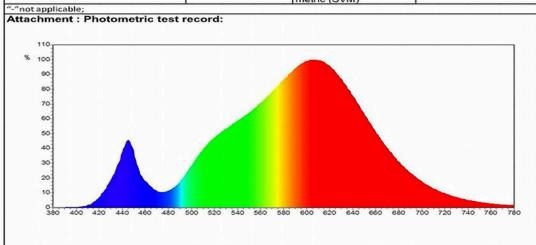


BST Testing (Shenzhen) Co.,Ltd.

Report No.: BSTXD221022747405SR

Clause	Requirement + Test	Result – Remark	Verdict

R9 colour rendering index value	71	Survival factor	1,00
the lumen maintenance factor	0.96		
Parameters for LED and OLED mains I	ight sources:		
displacement factor (cos φ1)	0.905	Colour consistency in McAdam ellipses	4.3
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



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