## **Product Information Sheet**

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

Supplier's name or trade ma	ark: ORION
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Supplier's address: Qualitätssicherung, Oberlaaerstraße 284, 1230 Wien, AT

Model identifier: LED 3c 3W SMD(33pcs) 33mmDM 4000K

Type of light source:	Type	of light	source:
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Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type	LED module		
(or other electric interface)			
Mains or non-mains:	NMLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	Yes
	Product para	meters	

		Product para	meters	
Parameter		Value	Parameter	Value
		General product p	parameters:	
Energy consummode (kWh/10 up to the neares	00 h), rounded	3	Energy efficiency class	G
dicating if it refe	, in a wide cone	240 in Sphere (360°)	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	4 000
On-mode pow pressed in W	ver (P <sub>on</sub> ), ex-	3,0	Standby power (P <sub>sb</sub> ), expressed in W and rounded to the sec- ond decimal	0,00
Networked st (P <sub>net</sub> ) for CLS, e and rounded to imal	•	-	Colour rendering in- dex, rounded to the nearest integer, or the range of CRI-val- ues that can be set	82
Outer dimen-	Height	33	Spectral power dis-	See image
sions without	Width	33	tribution in the	in last page
separate con- trol gear, light- ing control	Depth	1	range 250 nm to 800 nm, at full-load	

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-	0,392
		nates (x and y)	0,390
Parameters for LED and OLED lig	ht sources:		
R9 colour rendering index value	3	Survival factor	1,00
the lumen maintenance factor	0,96		

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



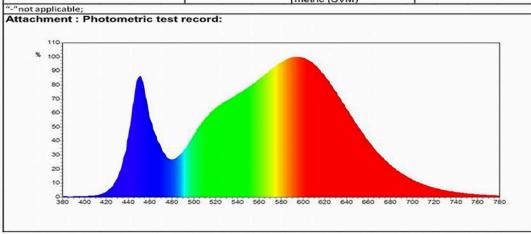
BST Testing (Shenzhen) Co.,Ltd.

Report No.: BSTXD221022747412SR

Clause	Requirement + Test	Result – Remark	Verdict
Daramete	re for LED and OLED light courses:		

R9 colour rendering index value	3	Survival factor	1,00
the lumen maintenance factor	0.96		
Parameters for LED and OLED mains I	ight sources:		
displacement factor (cos φ1)	0.717	Colour consistency in McAdam ellipses	5.9
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
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