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 14b 14W SMD(75pcs) 431x6mm Band 3000K

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Tyna	^t	liaht	source	٥.
IVDC	OI.	IIGIIL	Souic	ᠸ.

Outer dimen-

sions without

separate con-

trol gear, light-

control

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Height

Width

Depth

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	
Parameter	Value	Parameter	Value
	General product p	arameters:	
Energy consumption in on- mode (kWh/1000 h), rounded up to the nearest integer	14	Energy efficiency class	F
Useful luminous flux (фuse), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 600 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	3 000
On-mode power (P _{on}), expressed in W	13,5	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 in- dex, rounded to the nearest integer, or the range of CRI-val-	80

431

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tribution

Spectral power dis-

range 250 nm to 800

nm, at full-load

in

See image

in last page

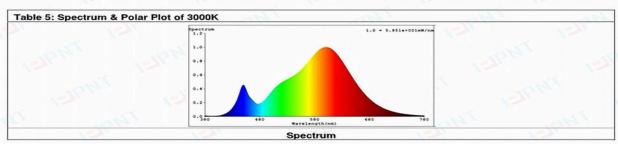
parts and non- lighting con- trol parts, if any (millime- tre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordi-	0,440
		nates (x and y)	0,403
Parameters for LED and OLED lig	tht sources:		
R9 colour rendering index value	3	Survival factor	0,90
the lumen maintenance factor	0,96		

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

Report No.: PNT-CP22AU6428ERP

Sample No.	Initial Фuse (lm)	3600H Фuse (lm)	Х _{ІМЕМІN} % at 3600H	Survival factor at 3600H	Measured beam angle (°)	Measured Imax (cd)	Measured light output within π sr	
1#	3242.3	3125.5	96.4%	Yes	314	1610	. 181	
2#	3224.6	3098.8	96.1%	Yes	-	·		
3#	3254.1	3143.5	96.6%	Yes		-		
4#	3278.4	3170.2	96.7%	Yes	167	- 16		
5#	3238.6	3128.5	96.6%	Yes			. \	
6#	3200.6	3091.8	96.6%	Yes				
7#	3256.7	3126.4	96.0%	Yes	-1/-	-		
8#	3269.0	3144.8	96.2%	Yes	1.5	-		
9#	3243.0	3119.8	96.2%	Yes	V	120	1100	
10#	3212.3	3087.0	96.1%	Yes	\	-		
Average	3242.0	3123.6	96.4%	Yes				
Required		V	≥ 96%	≥ 90%	- 1100	1200		

Table 4 for model 6030-30W_LED driver								
Sample No.	Measured voltage(V)	Measured current (mA)	Input wattage (W)	Output wattage (W)	Energy efficiency	Pno (W)	Psb (W)	Pnet (W)
1#	230.1	145.0	29.9	26.7	89.3%	0.323		
2#	230.0	145.7	30.1	26.5	88.0%	0.325		
3#	230.1	142.4	29.5	26.5	89.9%	0.343		
Average	230.1	144.4	29.8	26.6	89.1%	0.330	()	/ L
Required					≥80.7%	≤0.5	≤0.5	≤0.5



Pioneer Testing Technology (Hangzhou) Co., Ltd 帕思检测技术(杭州)有限公司 Room 401, Building 41, No.536 Shunfeng Road, Yuhang District, Hangzhou City 311199, Zhejiang Province, China. Page 13 of 21

Tel: +86-13336138598 Email: pnt001@pnt-lab.com