Product Information Sheet

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

Supplier's name or trade mark: ORION

Supplier's address: Qualitätssicherung, Oberlaaerstraße 284, 1230 Wien, AT

Model identifier: LED 3m 3W COB 6kt Dm20mm 3000K

Type of light source:

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	ameters	

Parameter Value Parameter Value General product pro	Floudet parameters							
Energy consumption in on- mode (kWh/1000 h), rounded up to the nearest integer3Energy efficiency classGUseful luminous flux (фuse), in- dicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)200 in Sphere (360°)Correlated colour temperature, rounded to the near- est 100 K, or the range of correlat- ed colour temper- atures, rounded to the nearest 100 K, that can be set3 000On-mode power (Pon), ex- pressed in W2,5Standby power (Psb), expressed in W0,00Networked standby power (Pnet) for CLS, expressed in W and rounded to the second dec- imal-Colour rendering in- dex, rounded to the nearest integer, or the range of CRI-val- ues that can be set90Outer dimen- sions without separate con-Height3Spectral power dis- tribution in the range 250 nm to 800See image	Parameter		Value	Parameter	Value			
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sions withoutWidth20tributionintheseparate con-Depth20range 250 nm to 800	(P _{net}) for CLS, expressed in W and rounded to the second dec-		-	dex, rounded to the nearest integer, or the range of CRI-val-	90			
separate con- Depth 20 range 250 nm to 800	Outer dimen-	Height	3	Spectral power dis-	See image			
ing control	separate con- trol gear, light-				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	ht sources:	·	
R9 colour rendering index value	50	Survival factor	0,90
the lumen maintenance factor	0,96		
(a)			

(a)'-' : not applicable;

(b)'-' : not applicable;

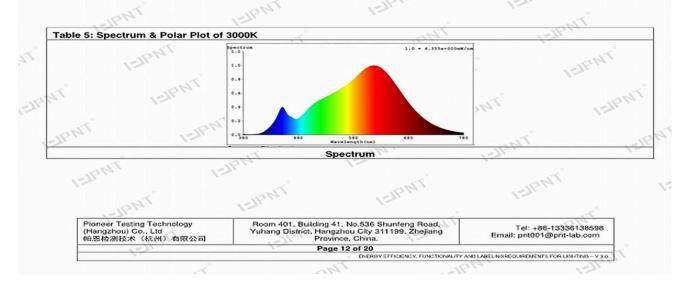
Report No.: PNT-221000520301-T

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Tr.

Sample No.	e No. Initial Фuse 3600H Фuse (Im) (Im)		Х _{IMF//IN} % at 3600H	Survival factor at 3600H	Measured beam angle (°)	Measured Imax (cd)	Measured light output within π sr	
1#	216.1	209.2	96.8%	Yes	12.			
2#	210.9	204.0	96.7%	Yes	-	1	• ~ ~	
3#	207.2	200.7	96.9%	Yes		140	·	
4#	204.0	196.3	96.2%	Yes	- 12	· ·		
5#	205.2	198.1	96.6%	Yes	-	-		
6#	201.0	193.5	96.3%	Yes	< -	an-	-	
7#	211.9	204.6	96.6%	Yes		124	. ``	
8#.00	210.5	203.8	96.8%	Yes		-		
9#	206.7	199.2	96.4%	Yes	<u></u>	-	· Mar	
10#	212.5	204.9	96.4%	Yes	190.			
Average	208.6	201.4	96.6%	Yes	2.	- ``	•	
Required	2	``	≥ 96%	≥ 90%		-		

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	41.8	4.7	3.2	68.3%	0.243		
2#	230.1	41.5	4.6	3.1	67.2%	0.259		0
3#	230.1	41.8	4.6	3.2	69.7%	0.249	510	- 121
Average	230.1	41.7	4.6	3.2	68.4%	0.250		
Required		122			≥52.11%	≤0.5	≤0.5 .≺	≤0.5



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