## **Product Information Sheet**

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

sources					
Supplier's nam	e or trade mark:	ORION			
Supplier's addr	ess: QC, Oberlaa	erstraße 284, 1230 \	Wien, AT		
Model identifie	er: LM E14/4,5W	i.m. (Windstoßkerze	e/2700K/470lm)		
Type of light so	ource:				
Lighting techno	logy used:	LED	Non-directional or directional:	NDLS	
Light source ca	p-type	E14			
(or other electr	ic interface)				
Mains or non-n	nains:	MLS	Connected light source (CLS):	No	
Colour-tuneabl	e light source:	No	Envelope:	-	
High luminance	e light source:	No			
Anti-glare shiel	d:	No	Yes		
		Product para	meters		
Parameter		Value	Parameter	Value	
		General product p	parameters:		
	mption in on- 200 h), rounded est integer	5	Energy efficiency class	F	
indicating if it r in a sphere (3 cone (120º) or (90º)	us flux (фuse), refers to the flux (60º), in a wide in a narrow cone	470 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	2 700	
On-mode pexpressed in W	power (P <sub>on</sub> ),	4,5	Standby power (P <sub>sb</sub> ), expressed in W and rounded to the second decimal	0,00	
for CLS, expre	ndby power (P <sub>net</sub> ) essed in W and second decimal	-	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	80	
Outer	Height	120	Spectral power	See image	
dimensions	Width	35	distribution in the	in last page	
without	Depth	35		Page 1 /	

separate control gear, lighting control parts and non- lighting control parts, if any (millimetre)		range 250 nm to 800 nm, at full-load	
Claim of equivalent power <sup>(a)</sup>	Yes	If yes, equivalent power (W)	40
		Chromaticity	0,463
		coordinates (x and y)	0,420
Parameters for LED and OLED lig	ght sources:		
R9 colour rendering index value	6	Survival factor	0,90
the lumen maintenance factor	0,94		
Parameters for LED and OLED m	ains light sources:		
displacement factor (cos φ1)	0,50	Colour consistency in McAdam ellipses	6
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	_(b)	If yes then replacement claim (W)	-
Flicker metric (Pst LM)	1,0	Stroboscopic effect metric (SVM)	0,4

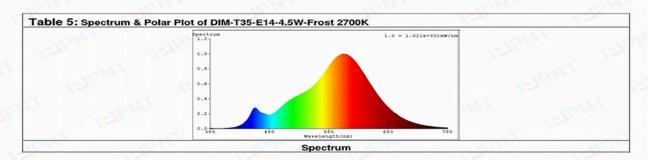
(a)<sub>'-'</sub> : not applicable;

(b)<sub>'-'</sub> : not applicable;

## Report No.: PNT-TH21NO1330ERP

Sample No.	Initial Фuse (lm)	3600H Фuse (lm)	Х <sub>ІМЕМІ</sub> N% at 3600H	Survival factor at 3600H	Measured beam angle (°)	Measured Imax (cd)	Measured light output within π sr
1#	473.3	445.9	94.2%	Yes	314	10.10	. 101
2#	473.0	446.7	94.4%	Yes			
3#	480.0	453.5	94.5%	Yes		-	
4#	481.4	454.5	94.4%	Yes		97	
5#	473.1	445.3	94.1%	Yes			. \
6#	477.9	449.3	94.0%	Yes		-	
7#	480.4	452.4	94.2%	Yes	-1/5.	-	-1/5. J
8#	481.3	454.0	94.3%	Yes	1.	-	
9#	473.7	446.0	94.2%	Yes		-12	1100
10#	475.1	447.7	94.2%	Yes	1	-	
Average	476.9	449.5	94.3%	Yes			
Required		V	≥ 94%	≥ 90%	. 110	1600	

Table 4 for model _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#		0		1000				[]
2#							)	
3#								
Average		-	169-3		77-		·	1600
Required	- A	- (-)			_			100



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