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. (Illu/2700K/45	0lm)		
Type of light so	ource:				
Lighting techno	logy used:	LED	Non-directional or directional:	NDLS	
Light source cap	p-type	E14			
(or other electr	ic interface)				
Mains or non-n	nains:	MLS	Connected light source (CLS):	No	
Colour-tuneable	e light source:	No	Envelope:	-	
High luminance	e light source:	No			
Anti-glare shield	d:	No	Dimmable:	Yes	
		Product para	meters		
Parameter		Value	Value Parameter		
		General product p	parameters:		
Energy consulting mode (kWh/10 up to the neare	000 h), rounded	5	Energy efficiency class	F	
indicating if it r in a sphere (3 cone (120º) or i (90º)	us flux (фuse), refers to the flux .60º), in a wide in a narrow cone	450 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 pressed in W	power (P _{on}),	4,5	Standby power (P _{sb}), expressed in W and rounded to the second decimal	0,00	
for CLS, expre	ndby power (P _{net}) ssed 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	78	Spectral power	See image	
dimensions	Width	45	distribution in the	in last page	
without	Depth	45			

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 ^(a)	Yes	If yes, equivalent power (W)	39
		Chromaticity	0,463
		coordinates (x and y)	0,420
Parameters for LED and OLED lig	ht 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

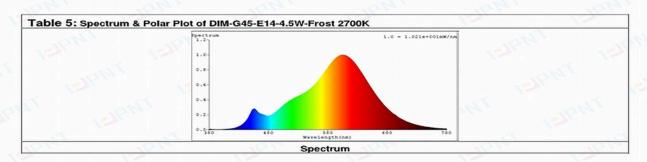
(a)_{'-'} : not applicable;

(b)_{'-'} : not applicable;

Report No.: PNT-TH21NO1329ERP

Sample No.	Initial Фuse (lm)	3600H Фuse (lm)	Х _{ІМЕМІ} N% at 3600H	Survival factor at 3600H	Measured beam angle (°)	Measured Imax (cd)	Measured light output within π sr
1#	461.7	435.4	94.3%	Yes	310	1010	. 101
2#	461.6	434.8	94.2%	Yes			
3#	454.3	427.6	94.1%	Yes		-	· ·
4#	462.4	435.3	94.1%	Yes		- 10	•
5#	454.7	428.4	94.2%	Yes			
6#	456.7	430.8	94.3%	Yes		-	
7#	460.4	433.3	94.1%	Yes	-1/2	- 1	ALTERNATION OF THE PERSON OF T
8#	460.6	434.3	94.3%	Yes	1.	-	
9#	457.2	431.2	94.3%	Yes		-12	110.
10#	457.3	430.0	94.0%	Yes	1	-	
Average	458.7	432.1	94.2%	Yes	-	-	
Required		V	≥ 94%	≥ 90%	. 1100	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#								613.
2#				<i></i>			6	
3#								
Average		-	1677		-		·-	16-10
Required	93				_			1000



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