Product Information Sheet

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

sources			o 13 with regard to energ	B) 1440-1111-16 01 11811-1	
Supplier's name	e or trade mark:	ORION			
Supplier's addr	ess: QC/Labor, O	berlaaerstraße 284,	1230 Wien, AT		
Model identifie	er: LM E14/4W sil	ber (Kopfspiegel/III	u/350lm)		
Type of light so	urce:				
Lighting techno	logy used:	LED	Non-directional or directional:	NDLS	
Light source cap (or other electr		E14			
Mains or non-m	nains:	MLS	Connected light source (CLS):	No	
Colour-tuneable	e light source:	No	Envelope:	-	
High luminance	light source:	No			
Anti-glare shield	d:	No	Dimmable:	Yes	
		Product para	meters		
Parameter		Value	Parameter	Value	
		General product p			
	mption in on- 100 h), rounded est integer	4	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	350 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 prespressed in W	oower (P _{on}),	4,0	Standby power (P _{sb}), expressed in W and rounded to the second decimal	0,00	
Networked standby power (P _{net}) for CLS, expressed in W and rounded to the 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		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 ^(a)	Yes	If yes, equivalent power (W)	32
		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

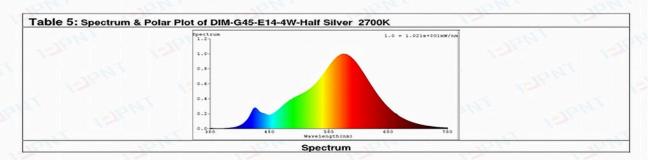
(a)_{'-'} : not applicable;

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

Report No.: PNT-TH21NO1334ERP

Sample No.	Initial Фuse (lm)	3600H Фuse (lm)	Х _{ІМЕМІ} % at 3600H	Survival factor at 3600H	Measured beam angle (°)	Measured Imax (cd)	Measured light output within π sr
1#	358.1	338.2	94.4%	Yes	3/4	1010	- 101
2#	366.7	345.9	94.3%	Yes			
3#	358.3	337.3	94.1%	Yes		-	
4#	360.9	340.9	94.5%	Yes	16.7	- 10	
5#	363.6	341.8	94.0%	Yes			. \
6#	361.2	340.8	94.3%	Yes		-	
7#	360.7	340.2	94.3%	Yes	-11-1	-	16.2
8#	358.2	337.4	94.2%	Yes	1.	-	
9#	364.1	343.0	94.2%	Yes	V	-110	170.
10#	355.6	335.7	94.4%	Yes	1	-	
Average	360.8	340.1	94.3%	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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OV EFFICIENCY, FUNCTIONALITY AND LABELING REQUIREMENTS FOR LIGHTING - V 2.0