## **Product Information Sheet**

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

sources	PELEGATED REGUL	-AITON (EU) 2019/20	U15 with regard to ener	gy labelling of light	
Supplier's name	e or trade mark:	ORION			
Supplier's addr	ess: QC/LABOR, (	Oberlaaerstraße 284	, 1230 Wien, AT		
Model identifie	r: LM E27/8W kl	ar (Standard/2700K,	/806lm)		
Type of light so	urce:				
Lighting technology used:		LED	Non-directional or directional:	NDLS	
Light source cap (or other electr		E27			
Mains or non-m	nains:	MLS	Connected light source (CLS):	No	
Colour-tuneable	e light source:	No	Envelope:	-	
High luminance		No			
Anti-glare shield	d:	No	Dimmable:	Yes	
		Product para	T		
Parameter		Value	Parameter	Value	
		General product p	T		
Energy consur mode (kWh/10 up to the neare	00 h), rounded	8	Energy efficiency class	F	
indicating if it r in a sphere (3	us flux (фuse), efers to the flux 60º), in a wide n a narrow cone	806 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	oower (P <sub>on</sub> ),	8,0	Standby power (P <sub>sb</sub> ), expressed in W and rounded to the second decimal	0,00	
for CLS, expres	dby power (P <sub>net</sub> ) 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	105	Spectral power	See image	
dimensions without	Width	60	distribution in the	in last page	
without	Depth	60		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)	60
		Chromaticity	0,463
		coordinates (x and y)	0,420
Parameters for LED and OLED lig	ht sources:		
R9 colour rendering index value	13	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)	<u>-</u>
Flicker metric (Pst LM)	1,0	Stroboscopic effect metric (SVM)	0,4

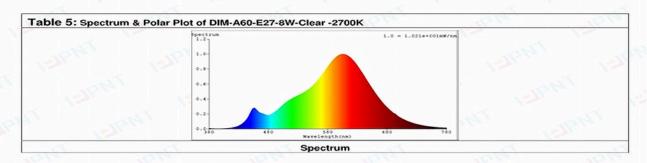
(a)<sub>'-'</sub> : not applicable;

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

## Report No.: PNT-TH21NO4397ERP

Sample No.	Meausred Фиse (lm)	Declared Ouse (Im)	Measured Pon (W)	Declared Pon (W)	F <sub>TM</sub>	Measured ηTM (Im/W)	Declare d ηTM (lm/W)	Energy efficiency class basing on measured values	Energy efficiency class basing on declared values
1#	832.6	806	7.4	8.0	1.000	113.0	100.8		
2#	827.9	806	7.4	8.0	1.000	112.5	100.8		
3#	827.9	806	7.4	8.0	1.000	111.9	100.8		
Average	829.5	806	7.4	8.0	1.000	112.5	100.8	E	F
Energy efficiency class:							ource type:		
A: 210 ≤ ηTM B: 186 ≤ ηTM < 210 C: 160 ≤ ηTM < 185 C: 135 ≤ ηTM < 185 C: 135 ≤ ηTM < 160 G: ηTM < 85				⊠NDLS &  □NDLS &  □DLS & M  □DLS & N	NMLS: 0,92 LS: 1,176				

Table 3 : DIM	I-A60-E27-8W	-Clear -6500K					
Sample No.	Initial Фuse (Im)	3600H Фuse (lm)	Х <sub>ІМЕМІ</sub> % at 3600H	Survival factor at 3600H	Measured beam angle (°)	Measured Imax (cd)	Measured light output within π s
1#	832.6	786.3	94.4%	Yes			
2#	827.9	779.5	94.2%	Yes	las .	-	
3#	827.9	779.5	94.1%	Yes	- 16-51	-	
Average	829.5	781.8	94.2%	Yes	-	-	
Required	≥806		≥ 94%	≥ 90%		97.	



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, Zhojiang Province, China.	Tel: +86-13336138598 Email: pnt001@pnt-lab.com
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