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 add	ress: QC, Oberlaa	erstraße 284, 1230	Wien, AT				
Model identific	er: LM E14/4,5W	i.m. (Kerze/2700K/4	170lm)				
Type of light so	ource:						
Lighting techno	ology used:	LED	Non-directional or directional:	NDLS			
Light source ca	p-type	E14					
(or other electi	ric interface)						
Mains or non-r	nains:	MLS	Connected light source (CLS):	No			
Colour-tuneabl	le light source:	No	Envelope:	-			
High luminance	e light source:	No					
Anti-glare shiel	d:	No	Dimmable:	Yes			
		Product para	meters				
Parameter		Value	Parameter	Value			
		General product p	parameters:				
Energy consumode (kWh/10 up to the neare	000 h), rounded	5	Energy efficiency class	F			
indicating if it in a sphere (3 cone (120º) or (90º)	refers to the flux 860°), 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 expressed 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}) essed in W and e second decimal	-	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	80			
Outer	Height	98	Spectral power	See image			
dimensions	Width	35	distribution in the	in last page			
without	Depth	35					

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)	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

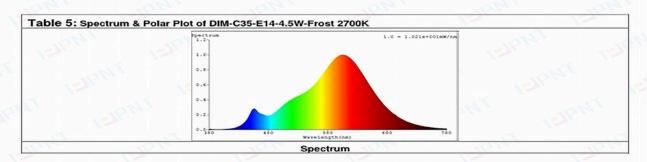
(a)_{'-'} : not applicable;

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

Report No.: PNT-TH21NO1326ERP

Sample No.	Initial Фuse (lm)	3600H Фuse (lm)	Х _{ІМЕМІN} % at 3600H	Survival factor at 3600H	Measured beam angle (°)	Measured Imax (cd)	Measured light output within π sr	
1#	481.4	454.0	94.3%	Yes	314	Miles.	- 101	
2#	487.9	459.0	94.1%	Yes		\		
3#	477.5	449.0	94.0%	Yes	- 12-			
4#	485.4	457.1	94.2%	Yes	167	91		
5#	483.2	455.0	94.2%	Yes		1	. \	
6#	488.2	459.1	94.0%	Yes		-		
7#	478.6	450.9	94.2%	Yes	-1/5.	-	7/5.	
8#	485.3	458.2	94.4%	Yes	1.	-		
9#	476.1	448.9	94.3%	Yes		-12-	1100	
10#	483.7	456.8	94.4%	Yes	1			
Average	482.7	454.8	94.2%	Yes				
Required			≥ 94%	≥ 90%	. 110.	160.		

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#		03		1000				[]
2#)	
3#								
Average		-	169-3		77-		·	160
Required	- A	- (-)			_			100



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