

Product Information Sheet

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

Supplier's name or trade mark: ORION

Supplier's address: QC, Oberlaaerstraße 284, 1230 Wien, AT

Model identifier: LM S14s/15W LED (Linienl./1500lm/2700K)

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	S14s		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

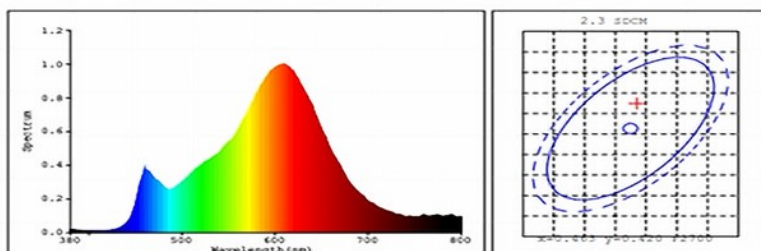
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	15	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 500 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 power (P_{on}), expressed in W	15,0	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 dimensions without	Height	Spectral power distribution in the	See image in last page
	Width		
	Depth		

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)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,460 0,415	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	13	Survival factor	1,00	
the lumen maintenance factor	0,96			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,98	Colour consistency in McAdam ellipses	3	
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;

Attachment 1: Photometric test record

**Color Parameters:**

Chromaticity Coordinate: $x=0.4589$ $y=0.4149$
 Chromaticity Coordinate: $u'=0.2600$ $v'=0.5288$ ($duv=1.67e-03$)
 $Tc=2747K$ Dominant WL: $Ld=583.4nm$ Purity: 62.3% Centroid WL: $599.0nm$
 Ratio: $R=26.9\%$ $G=70.6\%$ $B=2.6\%$ Peak WL: $Lp=610.0nm$ HWL: $115.1nm$
 Render Index: $Ra=83.7$ CRI: 79.5
 R1 -84 R2 -95 R3 -91 R4 -80 R5 -84 R6 -96 R7 -80
 R8 -59 R9 -13 R10-90 R11-80 R12-79 R13-87 R14-96 R15-75

Photo Parameters:

Flux: $1566.45 lm$ $Fe: 4.3137 W$ Efficacy: $106.85 lm/W$

Electrical Parameters:

Luminaire: $U=230.00V$ $I=0.08404A$ $P=14.66W$ $PF=0.7584$ 4.9999

Test Report PPP 11118B: 2020 Rev.00

ID: 107082

Revision: 0 - released

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