

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: Orion Leuchtenfabrik / QC, Oberlaaerstraße 284, 1230 Wien, AT

Model identifier: LM B15d/8W (1100lm/3000K)

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	B15d		
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

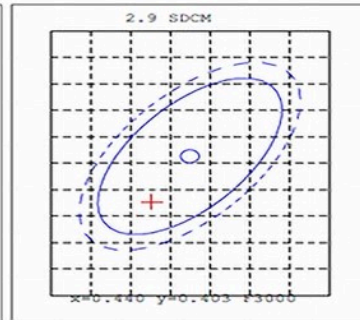
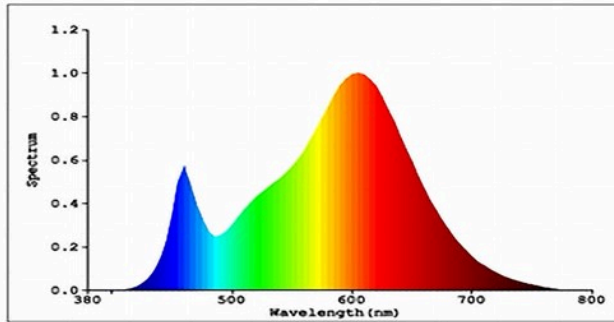
Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	8	Energy efficiency class	D
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°)	1 100 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	3 000
On-mode power (P_{on}), expressed in W	8,0	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	100	Spectral power distribution in the See image in last page
	Width	18	
	Depth	18	

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)	0,456 0,396
Parameters for LED and OLED light sources:				
R9 colour rendering index value	13		Survival factor	0,90
the lumen maintenance factor	0,95			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,94		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;



Color Parameters:

Chromaticity Coordinate: $x=0.4359$ $y=0.3961$
 Chromaticity Coordinate: $u'=0.2534$ $v'=0.5180$ ($duv=-3.08e-03$)
 Tc=2951K Dominant WL:Ld=584.2nm Purity=49.7% Centroid WL:590.0nm
 Ratio:R=25.6% G=71.6% B=2.8% Peak WL:Lp=605.0nm HWL:120.4nm
 Render Index:Ra=83.6
 R1 =84 R2 =96 R3 =92 R4 =80 R5 =84 R6 =94 R7 =80
 R8 =59 R9 =13 R10=89 R11=79 R12=77 R13=87 R14=96 R15=77

Photo Parameters:

Flux: 1107.4lm Fe: 3.2470 W Efficacy:134.92 lm/W :1457.4lm S/P:1.3915
 LEVEL:OUT WHITE:ANSI_3000K

Electrical Parameters:

Lamp : U=230.9V I=0.06678A P=8.208W PF=0.5323

