

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

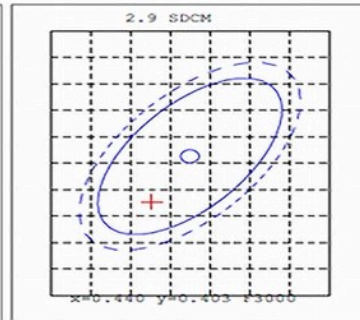
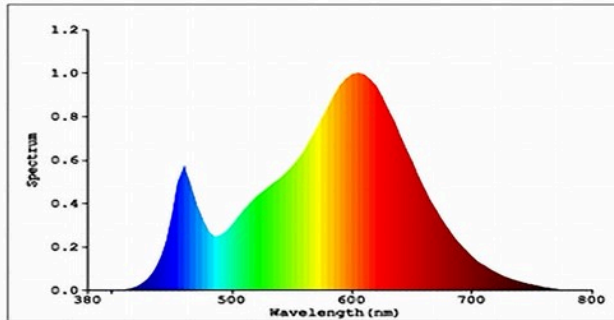
Product parameters

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 separate control gear, lighting control	Height	100	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	18	
	Depth	18	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
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:

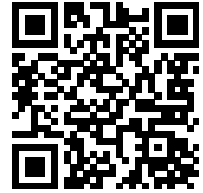
Flux: 1107.4lm Fe: 3.2470 W Efficacy:134.92 lm/W :1457.4lm S/P:1.3915
 LEVEL:OUT WHITE:ANSI_3000K

Electrical Parameters:

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



Model placed on the Union market from 31/01/2022



EPREL registration number: 765045

<https://eprel.ec.europa.eu/qr/765045>

Supplier: Orion Leuchten-Fabrik Molecz & Sohn Gesellschaft m.b.H (Manufacturer)

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Customer care service:

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