

Product Information Sheet

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

Supplier's name or trade mark: blomus GmbH

Supplier's address: Kundenservice, Zur Hubertushalle 4, 59846 Sundern, DE

Model identifier: SPIRIT L

Type of light source:

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

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	2	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°)	155 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	2700...4000
On-mode power (P_{on}), expressed in W	1,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	-
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	250	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	150	
	Depth	150	
			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)	0,458 0,411
Parameters for LED and OLED light sources:			
R9 colour rendering index value	-2	Survival factor	1,00
the lumen maintenance factor	0,98		

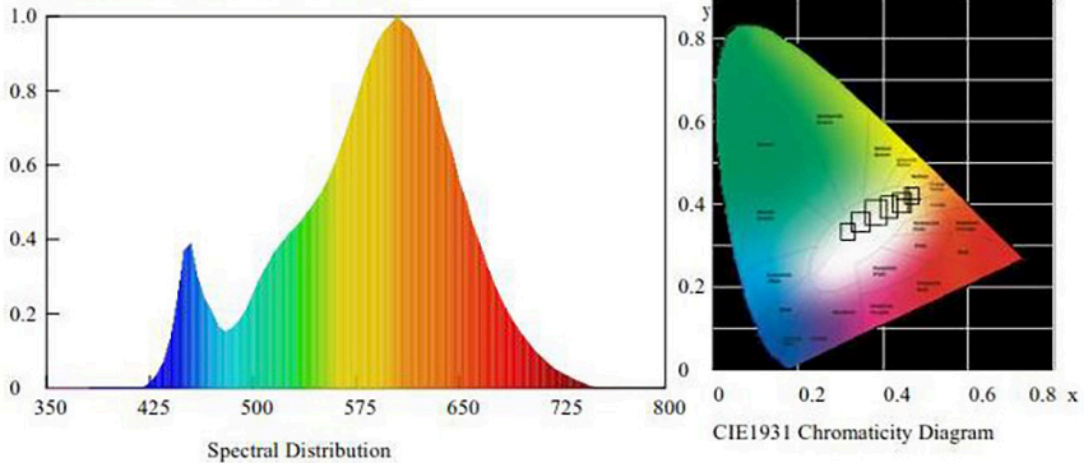
(a) : not applicable;

(b) : not applicable;



Attachment 1: Photometric test record
 For model B-1812-S2/B-1815G-V2.0 with 2700K

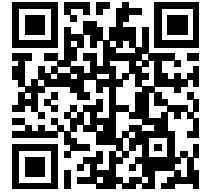
Spectroradiometric Parameters



Chromaticity Coordinates: $x=0.4583$ $y=0.4114$ $u'=0.2611$ $v'=0.5274$
 Correlated Color Temperature: 2728 K
 Colour Fidelity Index: $R_f=81$
 Luminous Flux: 158.56 lm
 Chromaticity Difference: $+0.00044Duv$
 Color Ratio: $K_r=47.8\%$ $K_g=45.8\%$ $K_b=6.4\%$
 Bandwidth: 114.4nm
 Photosynthetically Active Radiation(PAR): 0.44W
 Rendering Index: $R_a=80.3$
 Dominant Wavelength: 582.0 nm(E)
 Gamut Index: $R_g=94$
 Purity: 0.6152
 Peak Wavelength: 605.0 nm
 Color Tolerance(SDCM): .6423
 Radiant Flux: 0.443 W
 Photosynthetic Photon Flux(PPF): $2.14\mu\text{mol/s}$

R1=79	R2=91	R3=95	R4=77	R5=79	R6=89	R7=80	R8=53
R9=-2	R10=79	R11=77	R12=71	R13=82	R14=98	R15=70	Re=74

Model placed on the Union market from 01/01/2020



EPREL registration number: 2209693

<https://eprel.ec.europa.eu/qr/2209693>

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