

Product Information Sheet

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

Supplier's name or trade mark: Rábalux

Supplier's address: Magyarország - Rábalux Világítástechnika Zrt., Körtefa 5., 9027 Győr, HU

Model identifier: 1649

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	LED		
Mains or non-mains:	MLS	Connected light source (CLS):	Nem
Colour-tuneable light source:	Nem	Envelope:	-
High luminance light source:	Nem		
Anti-glare shield:	Nem	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	6	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°)	480 in Wide cone (120°)	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	4 000
On-mode power (P_{on}), expressed in W	6,0	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		

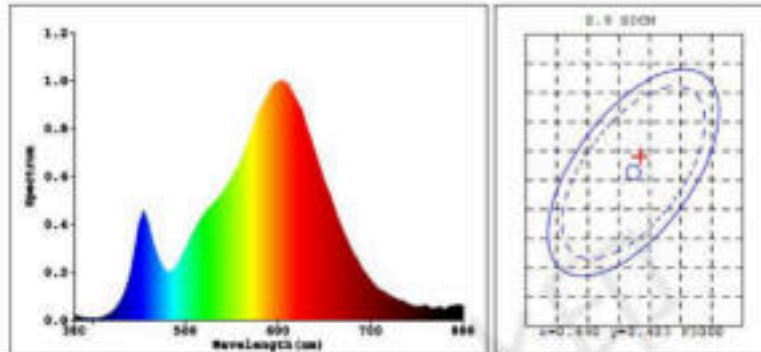
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,371 0,369	
Parameters for directional light sources:				
Peak luminous intensity (cd)	480	Beam angle in degrees, or the range of beam angles that can be set	120	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	9	Survival factor	1,00	
the lumen maintenance factor	0,80			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	1,00	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)	0,0	Stroboscopic effect metric (SVM)	0,0	

(a) - : not applicable;

(b) - : not applicable;

1

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4409$ $y=0.4052$
 Chromaticity Coordinate: $u'=0.2526$ $v'=0.5224$ ($duv=-9.63e-05$)
 Tc=2943K Dominant WL:Ld=583.1nm Purity=54.0% Centroid WL:592.0nm
 Ratio:R=25.0% G=72.7% B=2.3% Peak WL:Lp=605.0nm BWL:124.7nm
 Render Index:Ra=81.8
 R1 -80 R2 -91 R3 -96 R4 -75 R5 -80 R6 -89 R7 -82
 R8 -57 R9 -4 R10-80 R11-78 R12-72 R13-83 R14-98 R15-73

Photo Parameters:

Flux: 492.45 lm Φ_e : 1.5409 W Efficacy:87.16 lm/W

Electrical Parameters:

Lamp : U=230.5V I=0.04600A P=5.650W PF=0.5310

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=1797(0=4,0=48)
 REP=15208(R=3) $\theta=-0.0604$ RW: 24.0 centigrade (22.7)

1

Product Type:31113818 LB201-6W	Manufacturer:
Number:9	Test Department:
Temperature:25.3 deg	Humidity:65.0%
Test Operator:	Test Date:2021-03-13
Software:V2.00.129	Instrument:PM8-80_V1 (SN:G107113CA8321127)