

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: 1542

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	9	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°)	1 050 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	3 000	
On-mode power (P_{on}), expressed in W	9,0	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			60
	Depth			60

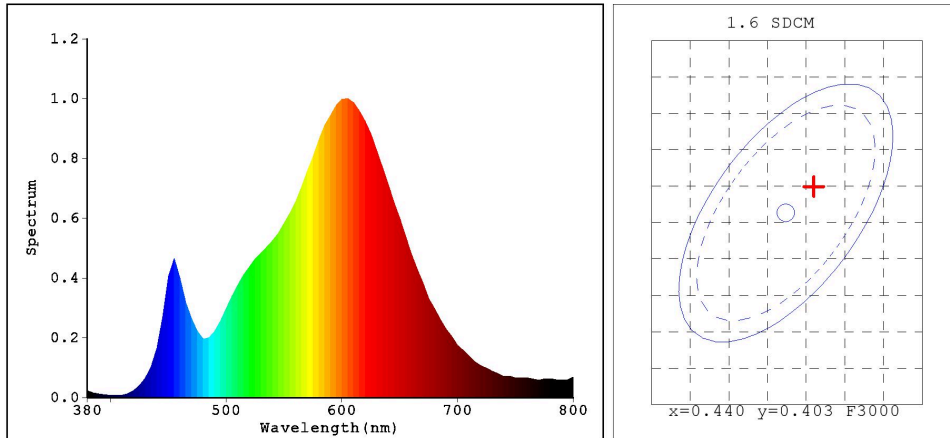
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,371 0,369	
Parameters for directional light sources:				
Peak luminous intensity (cd)	1 050	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;

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Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4431$ $y=0.4059$
 Chromaticity Coordinate: $u'=0.2538$ $v'=0.5230$ ($duv=-8.07e-05$)
 Tc=2914K Dominant WL:Ld=583.2nm Purity=54.8% Centroid WL:593.0nm
 Ratio:R=25.3% G=72.4% B=2.3% Peak WL:Lp=605.0nm HWL:124.0nm
 Render Index:Ra=82.4
 R1 =81 R2 =92 R3 =95 R4 =80 R5 =81 R6 =90 R7 =82
 R8 =58 R9 =7 R10=81 R11=79 R12=72 R13=84 R14=98 R15=73

Photo Parameters:

Flux: 1057.5 lm Fe: 3.3337 W Efficacy:117.8 lm/W

Electrical Parameters:

Lamp : U=230.5V I=0.07100A P=8.980W PF=0.5420

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] $I_p=4289$ (G=4,D=46)
 REF=33574 (R=3) $\% = 0.024\%$ PMT: 19.6 centigrade [21.0]

Product Type:1293734 9W 1
 Number:
 Temperature:25.3 deg
 Test Operator:
 Software:V2.00.129

Manufacturer:
 Test Department:
 Humidity:65.0%
 Test Date:2021-02-04
 Instrument:PMS-80_V1 (SN:G107113CA8321127)