

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: 1582

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	11	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°)	1 350 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	11,0	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		

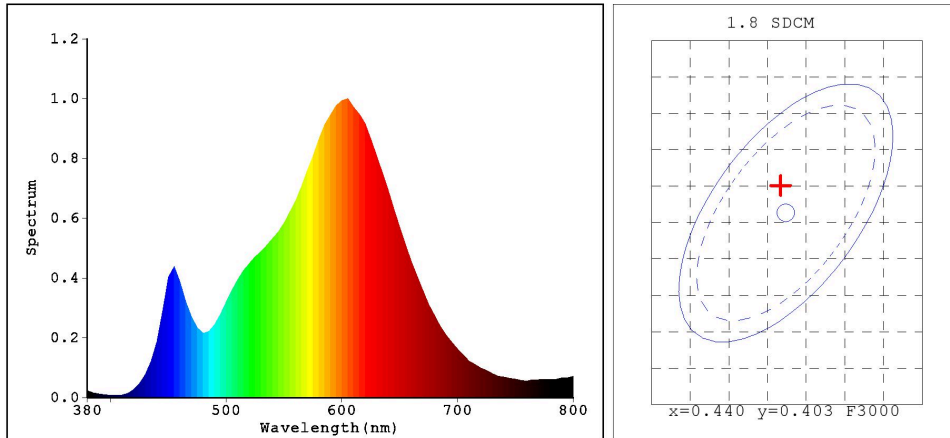
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,371 0,369	
Parameters for directional light sources:				
Peak luminous intensity (cd)	1 350	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: $x=0.4394$ $y=0.4060$
 Chromaticity Coordinate: $u'=0.2513$ $v'=0.5225$ ($duv=4.44e-04$)
 Tc=2975K Dominant WL:Ld=582.8nm Purity=53.7% Centroid WL:591.0nm
 Ratio:R=24.8% G=72.7% B=2.4% Peak WL:Lp=605.0nm HWL:122.8nm
 Render Index:Ra=82.4
 R1 =81 R2 =92 R3 =95 R4 =80 R5 =81 R6 =91 R7 =82
 R8 =57 R9 =5 R10=82 R11=80 R12=74 R13=84 R14=98 R15=73

Photo Parameters:

Flux: 1284.8 lm Fe: 4.0072 W Efficacy:119.0 lm/W

Electrical Parameters:

Lamp : U=230.6V I=0.08800A P=10.80W PF=0.5320

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] $I_p=4874$ (G=4,D=46)
 REF=40735 (R=3) $\%=-0.027\%$ PMT: 21.3 centigrade [21.3]

Product Type:1293734 11W 1
 Number:
 Temperature:25.3 deg
 Test Operator:
 Software:V2.00.129

Manufacturer:
 Test Department:
 Humidity:65.0%
 Test Date:2021-02-01
 Instrument:PMS-80_V1 (SN:G107113CA8321127)