

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

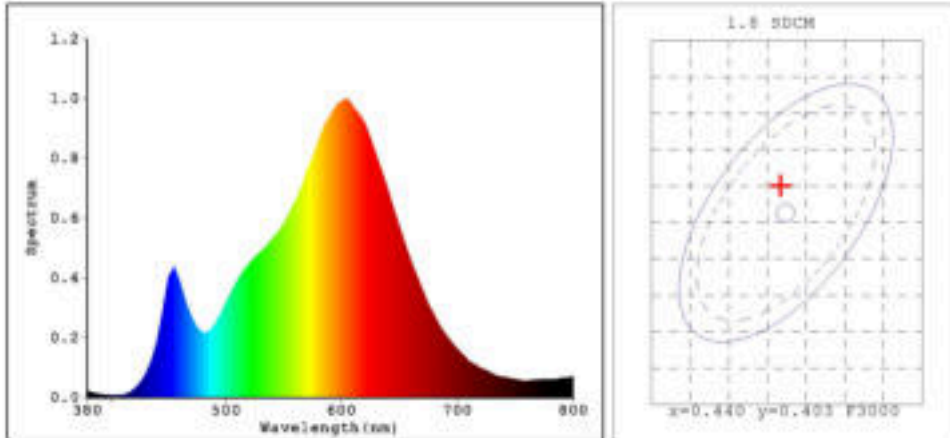
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	11	Energy efficiency class	D
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	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;

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: $5.0nm[0]$ $Ip=4874(G=4,D=46)$
 REF=40735 (R=3) $\#=-0.027\%$ $FMT: 21.3$ 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: $G107113CA8321127$)