

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: 1590

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

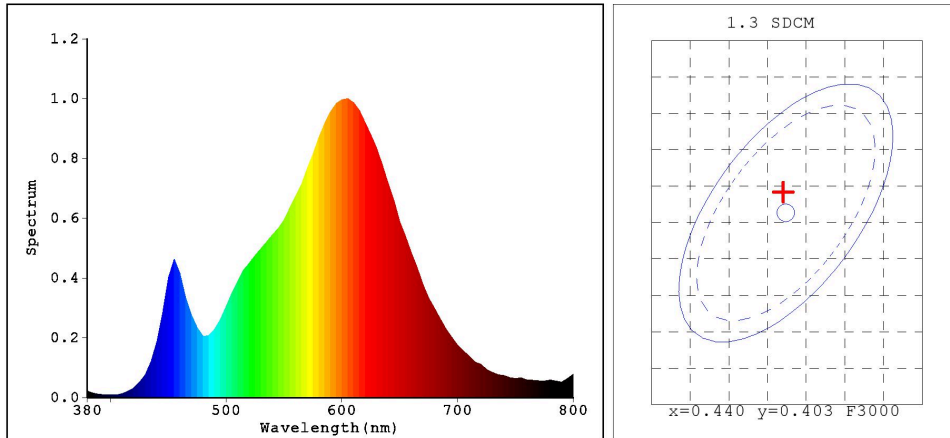
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	7	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	540 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	7,0	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)	540	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: $x=0.4397$ $y=0.4053$
 Chromaticity Coordinate: $u'=0.2518$ $v'=0.5223$ ($duv=1.05e-04$)
 Tc=2964K Dominant WL:Ld=582.9nm Purity=53.6% Centroid WL:592.0nm
 Ratio:R=24.9% G=72.7% B=2.3% Peak WL:Lp=605.0nm HWL:128.0nm
 Render Index:Ra=82.7
 R1 =81 R2 =92 R3 =96 R4 =80 R5 =81 R6 =90 R7 =82
 R8 =59 R9 =8 R10=81 R11=79 R12=72 R13=84 R14=98 R15=74

Photo Parameters:

Flux: 557.24 lm Fe: 1.7530 W Efficacy:82.80 lm/W

Electrical Parameters:

Lamp : U=230.4V I=0.05300A P=6.730W PF=0.5440

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] $I_p=2325$ (G=4,D=48)
 REF=18603 (R=3) $\%=-0.043\%$ PMT: 23.0 centigrade [24.7]

Product Type:12183572 7W 1 230V Manufacturer:
 Number: Test Department:
 Temperature:25.3 deg Humidity:65.0%
 Test Operator: Test Date:2020-12-19
 Software:V2.00.129 Instrument:PMS-80_V1 (SN:G107113CA8321127)