

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: 1531

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	8	Energy efficiency class	E
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°)	805 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	8,0	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		

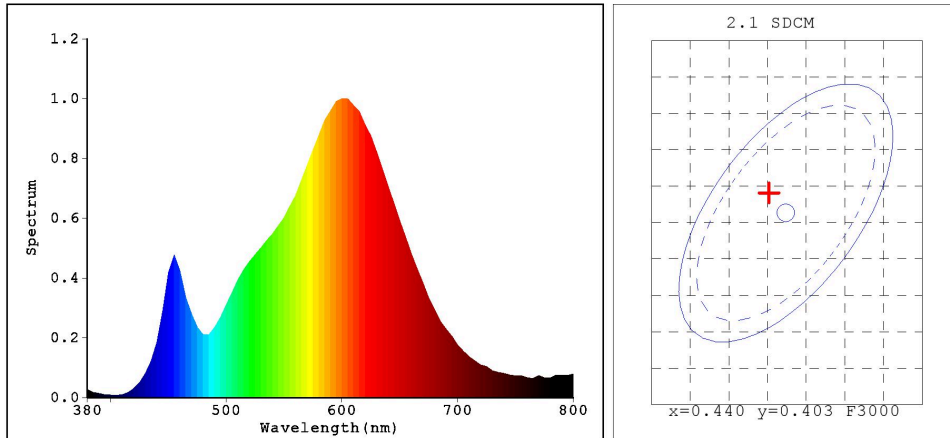
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,371 0,369	
Parameters for directional light sources:				
Peak luminous intensity (cd)	805	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)	0,1	Stroboscopic effect metric (SVM)	0,5	

(a) - : not applicable;

(b) - : not applicable;

1

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4381$ $y=0.4052$
 Chromaticity Coordinate: $u'=0.2508$ $v'=0.5220$ ($duv=3.07e-04$)
 Tc=2990K Dominant WL:Ld=582.8nm Purity=53.1% Centroid WL:592.0nm
 Ratio:R=24.6% G=73.0% B=2.4% Peak WL:Lp=600.0nm HWL:128.4nm
 Render Index:Ra=82.2
 R1 =81 R2 =91 R3 =96 R4 =79 R5 =81 R6 =89 R7 =82
 R8 =58 R9 =6 R10=80 R11=78 R12=71 R13=83 R14=98 R15=73

Photo Parameters:

Flux: 801.24 lm Fe: 2.5264 W Efficacy:100.5 lm/W

Electrical Parameters:

Lamp : U=230.5V I=0.06500A P=7.970W PF=0.5240

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] $I_p=3227$ (G=4,D=46)
 REF=25440 (R=3) $\% = 0.032\%$ PMT: 21.9 centigrade [23.2]

Product Type:1293734 8W 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)