

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: 1509

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	LED		
Mains or non-mains:	MLS	Connected light source (CLS):	Yes
Colour-tuneable light source:	Yes	Envelope:	-
High luminance light source:	Yes		
Anti-glare shield:	Yes	Dimmable:	No

Product parameters

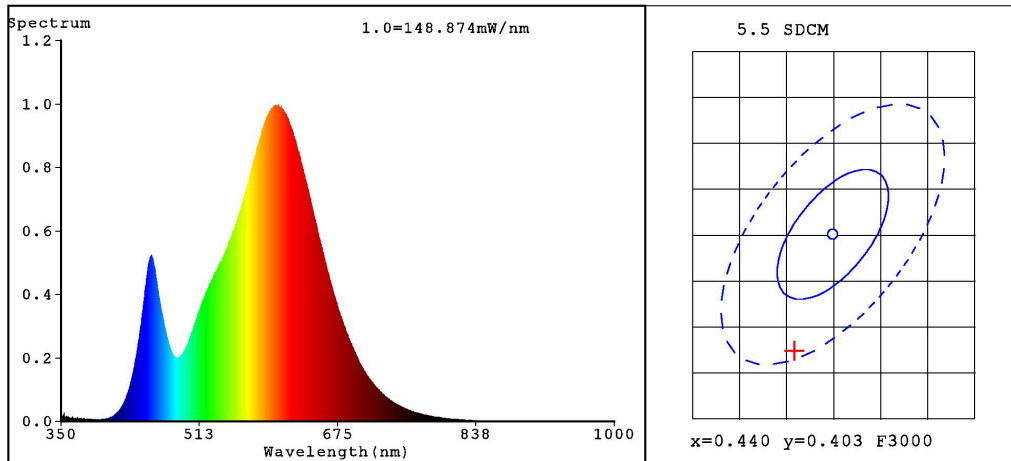
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	80	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	7 200 in Sphere (360°)	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	3000...6500
On-mode power (P_{on}), expressed in W	80,0	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	0,00	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	82
Outer dimensions without	Height	100	Spectral power distribution in the
	Width	800	
	Depth	800	
			See image in last page

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)	0,436 0,390
Parameters for LED and OLED light sources:			
R9 colour rendering index value	12	Survival factor	0,90
the lumen maintenance factor	0,80		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,90	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)	1,0	Stroboscopic effect metric (SVM)	0,4

(a): not applicable;

(b): not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4359$ $y=0.3903$ / $u'=0.2559$ $v'=0.5157$
 CCT=2903K (Duv=-0.0054) Dominant WL:Ld =585.4nm Purity=48.0%
 Ratio:R=23.8% G=73.5% B=2.7% Peak WL:Lp=605.4nm FWHM=124.5nm
 Render Index:Ra=82.3 AvgR=77.5
 R1 =82 R2 =93 R3 =94 R4 =78 R5 =82 R6 =90 R7 =81
 R8 =59 R9 =12 R10=83 R11=76 R12=76 R13=85 R14=98 R15=76

Photo Parameters:

Flux = 7239 lm Eff. : 92.36 lm/W Fe = 22.77 W

Electrical parameters:

V = 229.17 V I = 0.3286 A P = 78.38 W PF = 0.9744

LEVEL:OUT

Status: Integral T = 349 ms Ip = 40707 (62%)

Model:
 Tester:1
 Temperature:25Deg
 Manufacturer:

Number:1
 Date:2021-03-01 15:40:20
 Humidity:3%
 Remarks: