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: 3482

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):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

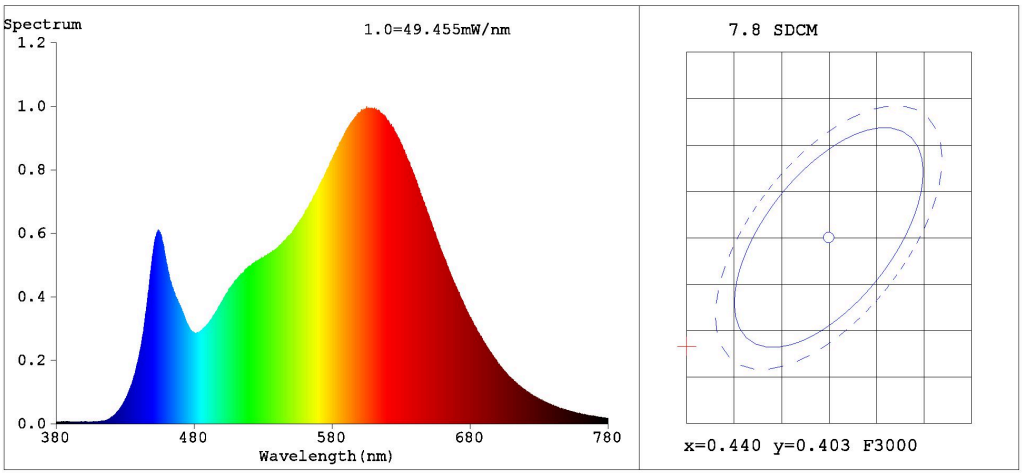
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	48	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	3 360 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	3 000
On-mode power (P_{on}), expressed in W	48,0	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	88
Outer dimensions without — Height	35	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	460		
Outer dimensions without — Depth	460		

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)	0,424 0,391
Parameters for LED and OLED light sources:				
R9 colour rendering index value		34	Survival factor	0,95
the lumen maintenance factor		0,96		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,95	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)	0,1

[a] '-' : not applicable;

[b] '-' : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.4246 y=0.3913/u'=0.2481 v'=0.5144

CCT=3113K(Duv=-0.0034) Dominant WL:Ld =583.7nm Purity=44.9%

Ratio:R=23.4% G=73.2% B=3.4% Peak WL:Lp=605.2nm FWHM=142.5nm

Render Index:Ra=88.4

R1 =90	R2 =97	R3 =94	R4 =87	R5 =90	R6 =95	R7 =85	
R8 =69	R9 =34	R10=94	R11=89	R12=82	R13=92	R14=97	R15=83

Photo Parameters:

Flux = 2447 lm Eff. : 52.39 lm/W Fe = 7.926 W

Electrical parameters:

V = 230.07 V I = 0.2198 A P = 46.70 W PF = 0.9234

WHITE:ANSI_3000K

Status: Integral T = 1076 ms Ip = 50981 (78%)