

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: 3410

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:	NMLS	Connected light source (CLS):	Yes
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

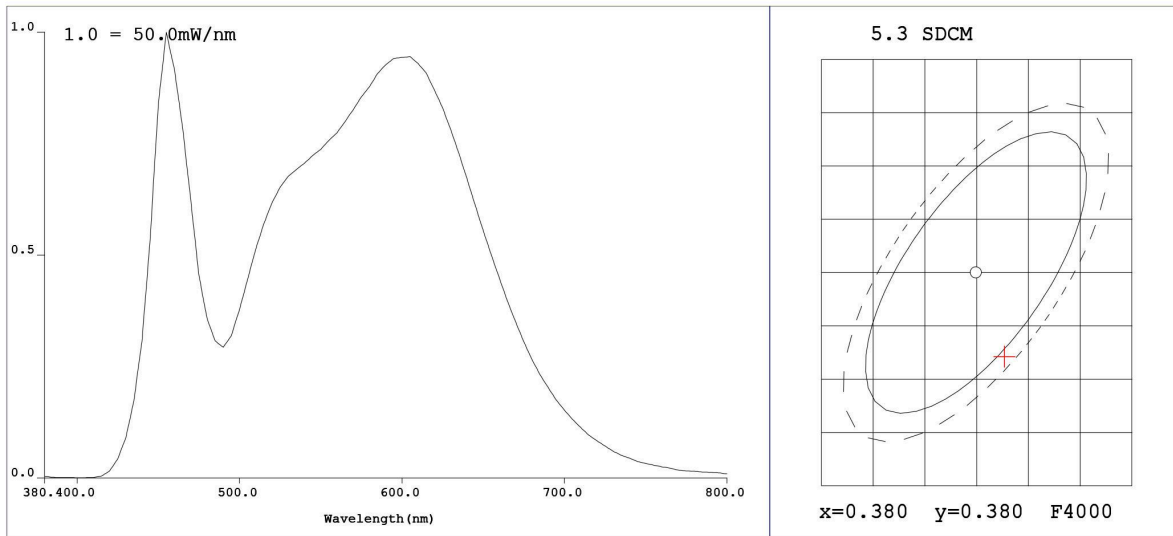
Parameter	Value	Parameter	Value	
General product parameters:				
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	36	Energy efficiency class	G	
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	2 520 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	4 000	
On-mode power (P_{on}), expressed in W	36,0	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	87	
Outer dimensions without	Height	Spectral power distribution in the	See image in last page	
	Width			635
	Depth			330
			60	

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)	Yes	If yes, equivalent power (W)	153	
		Chromaticity coordinates (x and y)	0,383 0,372	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	31	Survival factor	0,95	
the lumen maintenance factor	0,90			

(a) : not applicable;

(b) : not applicable;

Light Source Test Report



CIE Color Parameters:

Chromaticity Coordinate: $x=0.3828$ $y=0.3721$ $u=0.2285$ $v=0.3332$ ($duv=-2.87e-003$)

CCT: $T_c=3901K$ Prcp WaveL: $c\lambda=581.1nm$ Purity=26.5%

Peak WaveL: $\lambda=455nm$ Half Width: $\Delta\lambda=29.4nm$ Ratio: R=19.5% G=76.5% B=3.9%

Average Wave: 573nm

Rendering Index: $R_a=87.0$

R1 =87 R2 =94 R3 =96 R4 =84 R5 =86 R6 =90 R7 =87 R8 =71
 R9 =31 R10=84 R11=83 R12=64 R13=90 R14=98 R15=83

Photo Parameters:

Flux: $\Phi=2705.4(lm)$ Luminous Efficacy: 71.21(lm/W) Luminous Power: $P=8.535(W)$

Electrical Parameters:

$U=219.8V$ $I=0.1781A$ $P=37.99W$ $PF=0.970$

Instrument Status:

Scan Range: 380.0nm-800.0nm Interval: 5.0nm $I_p = 36482(G=5, D=49)$
 REF = 104 TMP (PMT) = 27.6degrees centigrade Test Mode: Fast Test

Product Type: 3410
 Instrument: PMS-50 System
 Temperature: 28.3deg
 Test Operator: QC

Manufacturer:
 Test Department: xx
 Humidity: 65.0%
 Test Date: 2021-01-18 17:06