

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: 1494

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):	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	20	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°)	1 400 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	20,0	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	84	
Outer dimensions without	Height	Spectral power distribution in the	See image in last page	
	Width			1 250
	Depth			700
			1	

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)	0,390 0,384
Parameters for LED and OLED light sources:			
R9 colour rendering index value	14	Survival factor	0,90
the lumen maintenance factor	0,80		

(a): not applicable;

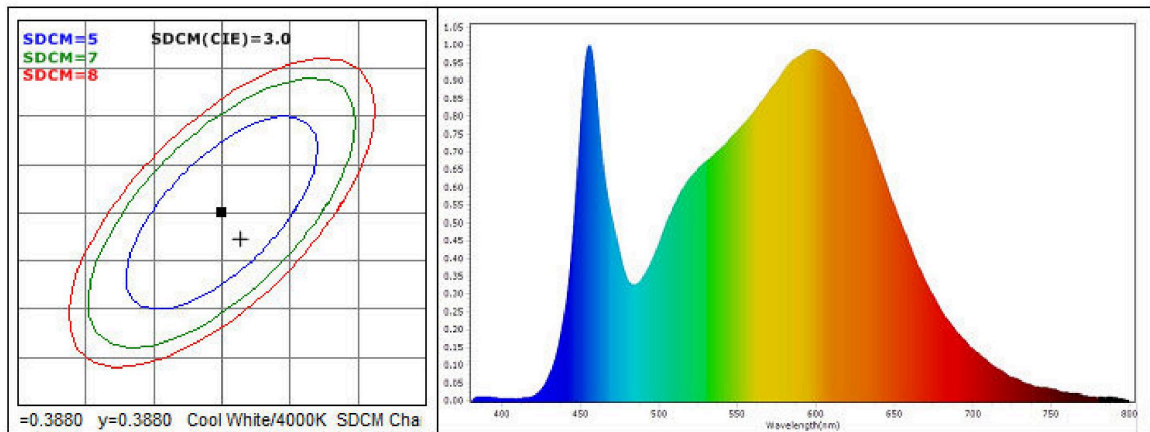
(b): not applicable;

CIE Color Parameter

Chromaticity coordinates: $x=0.3902$ $y=0.3844$ $u=0.2284$ $v=0.3376$ $u^*=0.2284$ $v^*=0.5064$
Color temperature: 3807 K ($duv=+0.00083$) Color difference: SDCM(CIE)=3.0 Main W: $\lambda_d=485.02$ nm Purity: 0.143
Peak wavelength: $\lambda_p=454.8$ nm Centroid wavelength: 567.1 nm FWHM: $\Delta\lambda_p=25.1$ nm Color ratio: R=0.206 G=0.759 B=0.035

Color rendering index (Ra): Ra=84.49

R1=81.2 R2=90.2 R3=97.8 R4=85.7 R5=86.0 R6=89.2 R7=82.8 R8=62.5
R9=14.0 R10=77.9 R11=84.5 R12=63.8 R13=83.4 R14=99.0 R15=74.5



Optical Parameter

Luminous flux: 1021.77 lm luminous efficiency: 44.5 lm/w Radiant flux: 3.143 W
Energy efficiency index (EEI): 0.311 Energy efficiency class: B (EU 874/2012)
Mesopic vision flux (lm): USP=1623.458 MOVE=980.329 MES1=868.718 MES2=867.096

Electrical Parameter

Voltage (V): 219.70 Current (A): 0.1840 Watto (W): 22.960 Power factor: 0.5650

Test Information

Temperature	: 25.0 Deg C	Humidity	: 65%
Test range	: 380-800nm : 1nm	Peak AD.	: 45277 (69.1%)
Preheat time	: 0(min)	Integral time.	: 139.03 (ms)

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