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: 1493

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	7	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)	480 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	7,0	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	1 200	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	225		
Outer dimensions without — Depth	225		

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)	0,392 0,387
Parameters for LED and OLED light sources:				
R9 colour rendering index value		11	Survival factor	0,90
the lumen maintenance factor		0,80		

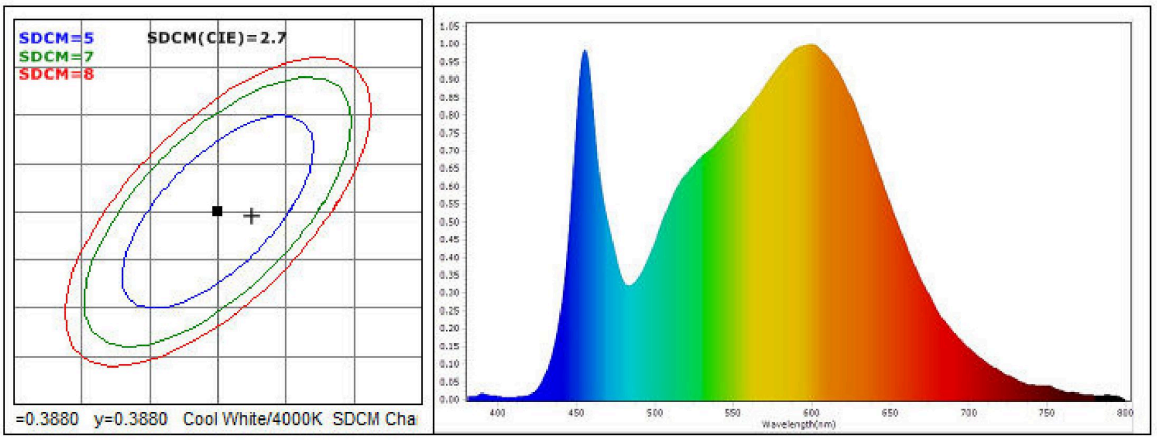
(a)'-' : not applicable;

(b)'-' : not applicable;

CIE Color Parameter

Chromaticity coordinates:x=0.3919 y=0.3874 u=0.2284 v=0.3386 u^=0.2284 v^=0.5079
Color temperature:3788 K (duv=+0.00173) Color difference:SDCM(CIE)=2.7 Main Wl:λd=486.02 nm Purity: 0.138
Peak wavelength:λp=598.9 Centroid wavelength:567.4 nm FWHM:△λp=149.3 nm Color ratio:R=0.206 G=0.760 B=0.034

Color rendering index (Ra):Ra=83.86
R1=80.2 R2=89.3 R3=97.5 R4=85.3 R5=85.4 R6=88.8 R7=82.6 R8=61.4
R9=10.8 R10=76.2 R11=84.0 R12=62.8 R13=82.4 R14=98.8 R15=73.2



Optical Parameter

Luminous flux: 423.4 lm luminous efficiency:54.01 lm/w Radiant flux: 1.293 W
Energy efficiency index(EEI): 0.214 Energy efficiency class:A (EU 874/2012)
Mesoptic vision flux(lm): USP=669.286 MOVE=404.397 MES1=358.519 MES2=357.852

Electrical Parameter

Voltage(V): 219.70 Current(A): 0.0670 Watte(W): 7.840 Power factor: 0.5290

Test Infomation

Temperature	:25.0Deg C	Humidity	:65%
Test range	:380-800nm : 1nm	Peak AD.	:39028 (59.6%)
Preheat time	:0(min)	Integral time.	:278.05 (ms)

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