

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: Felelős egység neve, Körtefa utca 4, HU

Model identifier: 5216

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:	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	4	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°)	400 in Wide cone (120°)	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	4,0	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	80...100
Outer dimensions without separate control gear, lighting control	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,371 0,369	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	9	Survival factor	1,00	
the lumen maintenance factor	1,00			
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;

Spectral test report for lamp

Product type :
Product No. : 5216
Manufacturer :

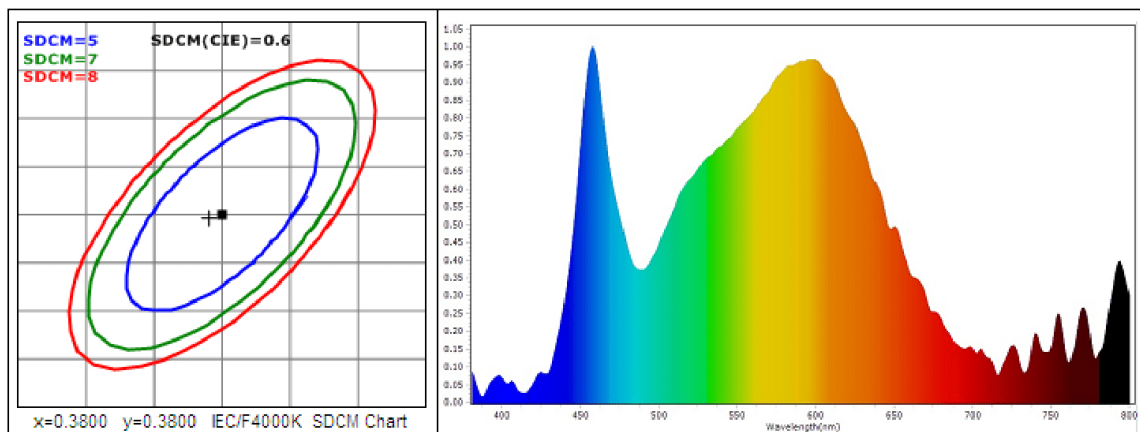
Test time : 2019-10-17 09:13:15
Test equipment : SPEC-2000A Spectrometer
Operator :

CIE Color Parameter

Chromaticity coordinates: $x=0.3787$ $y=0.3795$ $u=0.2229$ $v=0.3350$ $u^*=0.2229$ $v^*=0.5025$
Color temperature: 4070 K ($duv=+0.00176$) Color difference: SDCM(CIE)=0.6 Main Wavelength: 485.02 nm Purity: 0.172
Peak wavelength: $\lambda_p=456.9$ nm Centroid wavelength: 569.7 nm FWHM: $\Delta\lambda_p=31.0$ nm Color ratio: R=0.194 G=0.767 B=0.039

Color rendering index (Ra): Ra=82.7

R1=78.8 R2=89.5 R3=98.0 R4=82.4 R5=83.8 R6=88.2 R7=81.4 R8=59.2
R9=3.9 R10=76.1 R11=80.4 R12=62.2 R13=81.6 R14=99.4 R15=71.6



Optical Parameter

Luminous flux: 415.71 lm luminous efficiency: 91.57 lm/w Radiant flux: 1.385 W
Energy efficiency index (EEI): 0.119 Energy efficiency class: A+ (EU 874/2012)
Mesopic vision flux (lm): USP=679.525 MOVE=408.965 MES1=361.504 MES2=360.814

Electrical Parameter

Voltage(V): 221.28 Current(A): 0.0385 Watto(W): 4.540 Power factor: 0.5315

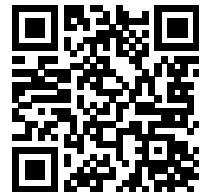
Test Information

Temperature : 25.0 Deg C Humidity : 65%
Test range : 380-800nm : 1nm Peak AD. : 49601 (75.7%)
Preheat time : 0(min) Integral time. : 1216.03 (ms)

MEASUREFINE

Hangzhou Huipu Instrument Co., Ltd. <http://www.measurefine.com>

Model placed on the Union market from 05/05/2020



EPREL registration number: 560758

<https://eprel.ec.europa.eu/qr/560758>

Supplier: Rábalux Világítástechnika Zrt (Importer)

Website: <https://rabalux.hu/kezdolap>

Customer care service:

Name: Felelős egység neve

Website:

Email: e-mailcim@proba.hu

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Address:

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