

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: 2783

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

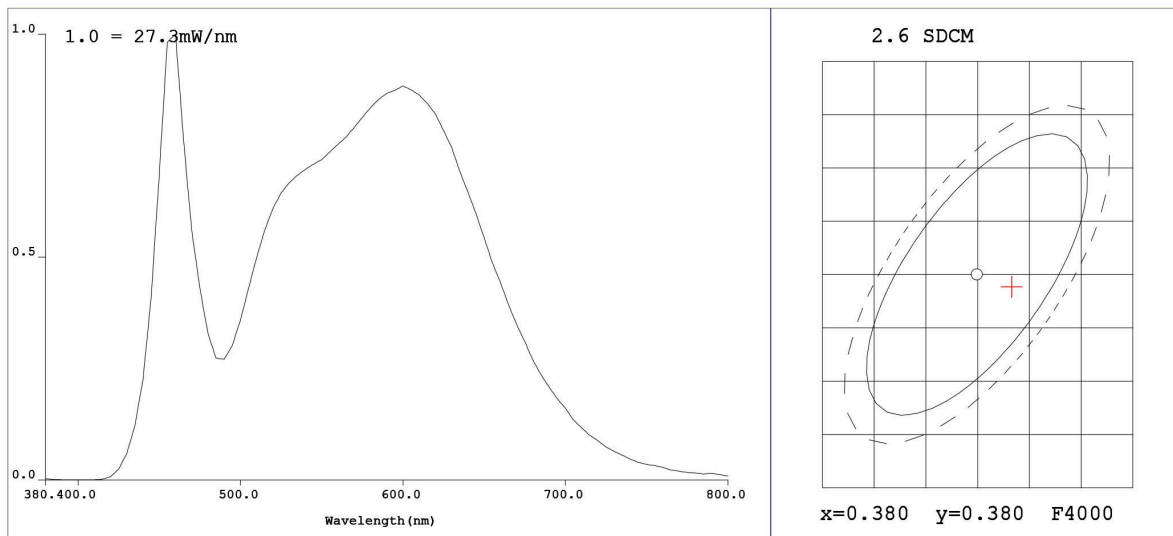
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	18	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 350 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	18,0	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	86
Outer dimensions without	Height	Spectral power distribution in the	See image in last page
	Width		
	Depth		

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)	91	
		Chromaticity coordinates (x and y)	0,383 0,378	
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: $x=0.3834$ $y=0.3788$ $u=0.2262$ $v=0.3353$ ($duv=1.24e-004$)

CCT: $T_c = 3937\text{K}$ Prcp WaveL: $c\lambda = 579.2\text{nm}$ Purity=28.7%

Peak WaveL: $\lambda = 460\text{nm}$ Half Width: $\Delta\lambda = 25.6\text{nm}$ Ratio: R=19.2% G=77.0% B=3.8%

Average Wave: 574nm

Rendering Index: $R_a = 86.7$

R1 =87 R2 =93 R3 =96 R4 =84 R5 =85 R6 =89 R7 =88 R8 =72

R9 =31 R10=81 R11=83 R12=59 R13=89 R14=98 R15=82

Photo Parameters:

Flux: $\Phi = 1417.3 \text{ (lm)}$ Luminous Efficacy: 80.04 (lm/W) Luminous Power: $P = 4.450 \text{ (W)}$

Electrical Parameters:

$U = 226.5\text{V}$ $I = 0.1406\text{A}$ $P = 17.70\text{W}$ $\text{PF} = 0.556$

Instrument Status:

Scan Range: 380.0nm-800.0nm
REF = 35903

Interval: 5.0nm

$I_p = 22412 \text{ (G=5, D=50)}$

TMP (PMT) = 24.1degrees centigrade Test Mode: Fast Test

Product Type: 2783
Instrument: PMS-50 System
Temperature: 23.3deg
Test Operator: QC

Manufacturer:
Test Department: xx
Humidity: 65.0%
Test Date: 2020-11-20 10:25