

# 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:** 2784

## 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

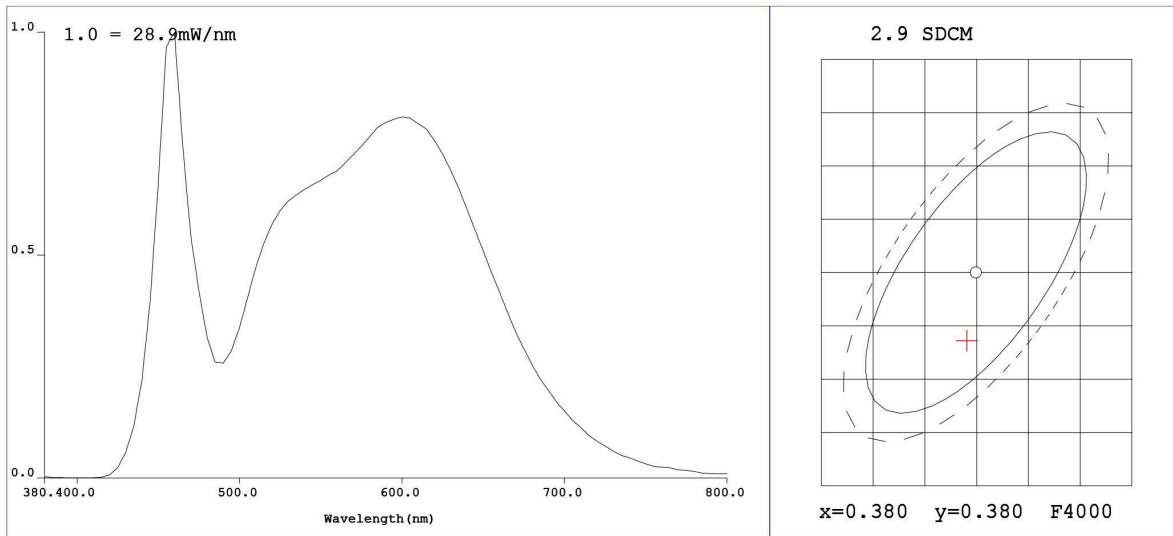
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	18	Energy efficiency class	G
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a 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	88
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 <sup>(a)</sup>	Yes	If yes, equivalent power (W)	91	
		Chromaticity coordinates (x and y)	0,379 0,373	
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value	37	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=0.3791 y=0.3736/u=0.2255 v=0.3333 (duv=-1.10e-003)

CCT: Tc= 4014K Prcp WaveL: cλ=579.7nm Purity=25.9%

Peak WaveL: λ=460nm Half Width: Δλ24.8nm Ratio: R=19.2% G=76.9% B=4.0%

Average Wave: 573nm

Rendering Index: Ra=87.7

R1 =88 R2 =94 R3 =96 R4 =85 R5 =86 R6 =90 R7 =88 R8 =74  
 R9 =37 R10=83 R11=84 R12=60 R13=90 R14=98 R15=84

**Photo Parameters:**

Flux: Φ=1390.1(lm) Luminous Efficacy: 74.98(lm/W) Luminous Power: P=4.419(W)

**Electrical Parameters:**

U=219.9V I=0.1513A P=18.53W PF=0.557

**Instrument Status:**

Scan Range: 380.0nm-800.0nm Interval: 5.0nm Ip = 22742 (G=5, D=50)  
 REF = 104 TMP (PMT) = 28.1degrees centigrade Test Mode: Fast Test

Product Type: 2784  
 Instrument: PMS-50 System  
 Temperature: 26.4deg  
 Test Operator: QC

Manufacturer:  
 Test Department: xx  
 Humidity: 65.0%  
 Test Date: 2021-01-08 16:04