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: 2670

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):	Yes
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	36	Energy efficiency class	G
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)	2 500 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	3 000
On-mode power (P_{on}), expressed in W	36,0	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	82
Outer dimensions without — Height	30	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	400		
Outer dimensions without — Depth	400		

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)	222
			Chromaticity coordinates (x and y)	0,450 0,412
Parameters for LED and OLED light sources:				
R9 colour rendering index value		1	Survival factor	0,90
the lumen maintenance factor		0,80		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		1,00	Colour consistency in McAdam ellipses	6
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.		Yes[(b)]	If yes then replacement claim (W)	58
Flicker metric (Pst LM)		0,9	Stroboscopic effect metric (SVM)	0,3

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

Inventfine Instrument Co., Ltd.
www.inventfine.com.cn
Tel: 86-571-88091262
Fax: 86-571-88262100

Lightsource Test Report

Product Infomation

Product Category: 36瓦圆形明装　　Product Number: 59

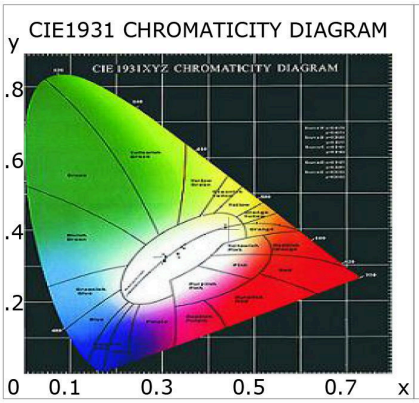
CIE Colorimetric Parameters

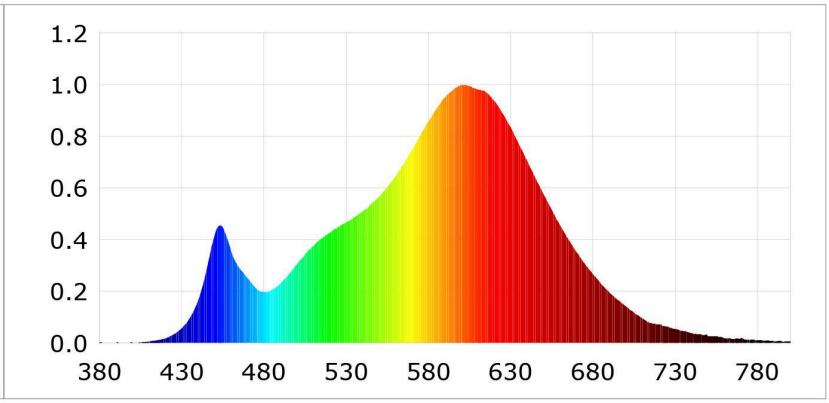
Chromaticity coordinates: x=0.4453 y=0.4063　u(u')=0.2550 v=0.3490 v'=0.5235
CCT: Tc=3011K (duv=-0.00017)　　Color Ratio: R=0.236 G=0.738 B=0.026
Peak Wavelength: 600.2nm　　Half Bandwidth: 118.4nm
Dominant Wavelength: 583.4nm　　Color Purity: 0.556
CRI: Ra= 82.0　　TM30: Rf= 83, Rg= 94

R1 =80	R2 =92	R3 =95	R4 =80	R5 =81	R6 =91	R7 =80	R8 =56
R9 =4	R10=82	R11=79	R12=74	R13=83	R14=98	R15=72	

Color Quality Scale: Qa= 82.3, Qf= 84.3, Qp= 83.1, Qg= 90.0

Q1 =77	Q2 =94	Q3 =85	Q4 =81	Q5 =83	Q6 =84	Q7 =83	Q8 =86
Q9 =94	Q10=91	Q11=87	Q12=84	Q13=82	Q14=71	Q15=73	





Photometric Parameters

Luminous Flux: 2881.60 lm　　Efficiency: 80.01 lm/W　　Radiant Power: 9.369 W
EEI: 0.15　　Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 220.10V　　Current: 0.1630A　　Power: 36.01 W
Power Factor: 0.9830　　Frequency: 49.99Hz

Test Infomation
Scan Range: 380~800:1nm　　Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Sec　　Photometric Condition: Sphere diameter: 1.50m, 4∏
Max of Signal: 42858 (4067)　　CCD Integration Time: 132.63 ms

Condition: Tx:32.6'C, Ti:30.9'C, R.H.:60%　　Test Device: Inventfine CMS-2S (Plus)
Test Lab: BOYALIGHTING　　Test Time: 2020-08-18 19:49:11
Operator: wu chuan wei　　Inspector: