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: 3440

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:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

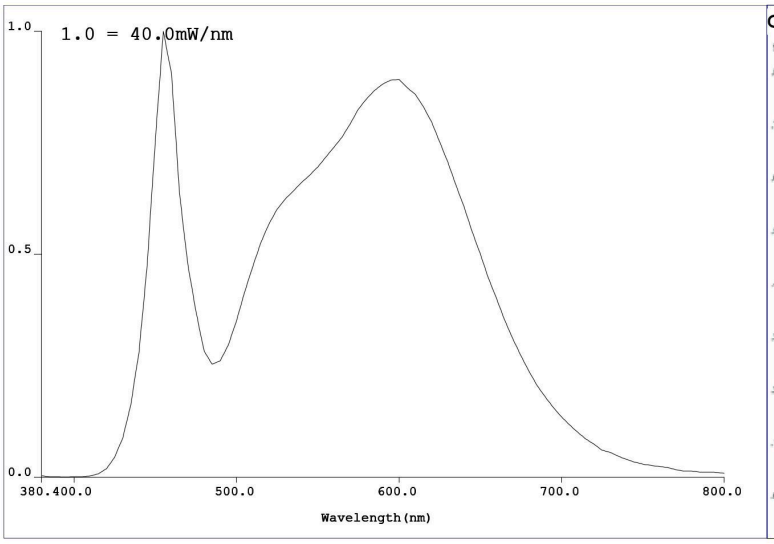
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	24	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 680 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	24,0	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	84
Outer dimensions without — Height	400	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	400		
Outer dimensions without — Depth	75		

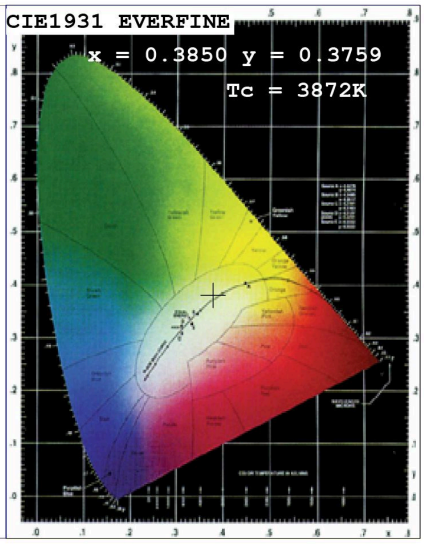
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[(a)]		Yes	If yes, equivalent power (W)	109
			Chromaticity coordinates (x and y)	0,385 0,375
Parameters for LED and OLED light sources:				
R9 colour rendering index value		19	Survival factor	0,95
the lumen maintenance factor		0,90		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,50	Colour consistency in McAdam ellipses	5
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)	99
Flicker metric (Pst LM)		1,0	Stroboscopic effect metric (SVM)	4,0

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

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

Light Source Test Report





CIE Color Parameters:

Chromaticity Coordinate:x=0.3850 y=0.3759/u=0.2284 v=0.3346 (duv=-1.70e-003)

CCT:Tc= 3872K Prcp WaveL: λ_c=580.5nm Purity=28.3%

Peak WaveL: λ_p=455nm Half Width: $\Delta\lambda$=23.8nm Ratio:R=19.1% G=77.2% B=3.7%

Average Wave: 573nm

Rendering Index:Ra=84.6

R1 =84	R2 =92	R3 =95	R4 =82	R5 =83	R6 =87	R7 =86	R8 =67
R9 =19	R10=79	R11=80	R12=61	R13=86	R14=98	R15=79	

Photo Parameters:

Flux: Φ=2031.8(lm) Luminous Efficacy: 82.81(lm/W) Luminous Power:P=6.294(W)

Electrical Parameters:

U=226.4V I=0.1861A P=24.53W PF=0.582

Instrument Status:

Scan Range:380.0nm-800.0nm	Interval:5.0nm	Ip = 30100(G=5,D=50)
REF = 51429	TMP(PMT) = 25.2degrees centigrade	Test Mode: Fast Test

Product Type:3440	Manufacturer:
Instrument:PMS-50 System	Test Department:xx
Temperature:25.0deg	Humidity:65.0%
Test Operator:QC	Test Date:2020-11-06 10:42