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: 1464

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
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	18	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)	900 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	4 200
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	82
Outer dimensions without — Height	60	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	895		
Outer dimensions without — Depth	140		

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)]	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,371 0,369
Parameters for directional light sources:			
Peak luminous intensity (cd)	1	Beam angle in degrees, or the range of beam angles that can be set	120
Parameters for LED and OLED light sources:			
R9 colour rendering index value	5	Survival factor	0,90
the lumen maintenance factor	0,80		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ1)	0,80	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

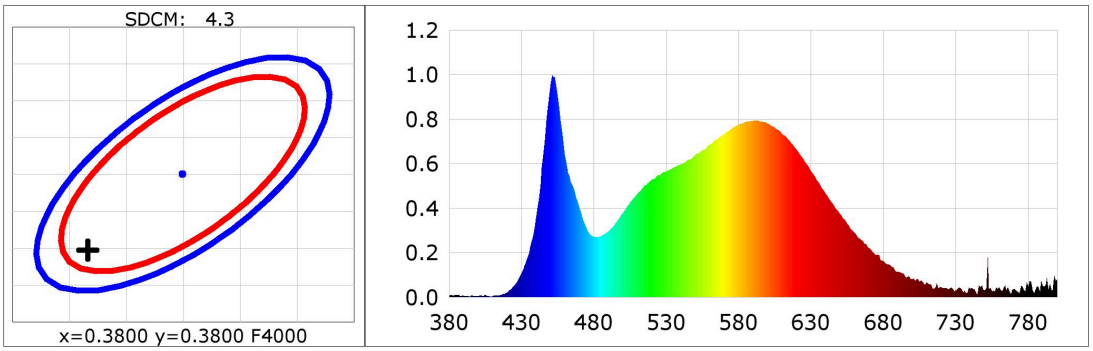
[(a)] '-' : not applicable;

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

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3716 y=0.3697 u(u')=0.2221 v=0.3314 v'=0.4971
CCT: Tc=4200K (duv=-0.00067) Color Ratio: R=0.177 G=0.783 B=0.040
Peak Wavelength: 451nm Half Bandwidth: 22.6nm
Dominant Wavelength: 578.7nm Color Purity: 0.225
CRI: Ri: Ra= 82.6

R1 =81	R2 =90	R3 =95	R4 =81	R5 =81	R6 =86	R7 =85	R8 =63
R9 =5	R10=76	R11=79	R12=61	R13=83	R14=98	R15=75	



Photometric Parameters

Luminous Flux: 998.4 lm Efficiency: 59.25 lm/W Radiant Power: 3.056 W
Pupil Flux: 1551.1 Plm Pupil Lumens Per Watt: 92.05 Plm/W Pupil Factor (Kp): 1.554
Cirtopic Flux: 3218.4 lm

Electric Parameters

Voltage: 220.00V Current: 0.1550A Power: 16.85W
Power Factor: 0.4950 Frequency: 50.00Hz

Test Infomation
Scan Range: 380nm~800nm:1nm Photometric Method:
Stabilization Time: 1 Min Photometric Condition: Sphere diameter: 1.50m, 4π
Max of Signal: 45332 (3811) CCD Integration Time: 1629.94 ms

Condition: Tx:28.6'C, Ti:28.9'C Test Device: Inventfine CMS-2S (Plus)
Test Lab: Test Time: 2019-09-04 10:25:24
Operator: Inspector:

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