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: 1445

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:	NMLS	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	8	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)	546 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	4 100
On-mode power (P_{on}), expressed in W	8,0	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	81
Outer dimensions without — Height	58	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	630		
Outer dimensions without — Depth	70		

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)	0,375 0,375
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		3	Survival factor	0,90
the lumen maintenance factor		0,80		

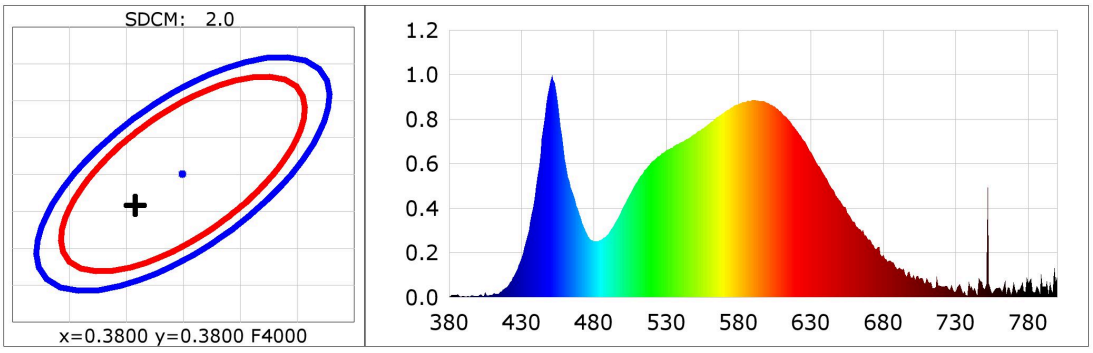
(a) '-' : not applicable;

(b) '-' : not applicable;

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3758 y=0.3758 u(u')=0.2225 v=0.3336 v'=0.5005
CCT: Tc=4122K (duv=0.00092) Color Ratio: R=0.177 G=0.788 B=0.035
Peak Wavelength: 451nm Half Bandwidth: 23.7nm
Dominant Wavelength: 578.1nm Color Purity: 0.256
CRI: Ri: Ra= 81.5

R1 =79	R2 =87	R3 =93	R4 =81	R5 =80	R6 =83	R7 =86	R8 =63
R9 =3	R10=70	R11=79	R12=59	R13=81	R14=96	R15=74	



Photometric Parameters

Luminous Flux: 586.8 lm Efficiency: 66.91 lm/W Radiant Power: 1.780 W
Pupil Flux: 885.5 Plm Pupil Lumens Per Watt: 100.97 Plm/W Pupil Factor (Kp): 1.509
Cirtopic Flux: 1787.2 lm

Electric Parameters

Voltage: 220.20V Current: 0.0500A Power: 8.77W
Power Factor: 0.7900 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: 44958 (4218) CCD Integration Time: 3164.48 ms

Condition: Tx:28.4'C, Ti:28.1'C Test Device: Inventfine CMS-2S (Plus)
Test Lab: Test Time: 2018-09-01 09:33:34
Operator: Inspector:

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