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: 2713

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	6	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)	420 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	4 000
On-mode power (P_{on}), expressed in W	6,0	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	70	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	95		
Outer dimensions without — Depth	95		

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)	0,393 0,389
Parameters for directional light sources:				
Peak luminous intensity (cd)		596	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		-6	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	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)	30
Flicker metric (Pst LM)		1,0	Stroboscopic effect metric (SVM)	0,4

[a] '-' : not applicable;

[b] '-' : not applicable;

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Lighting Measure Report

Color Parameter

Chroma Coordinate:x=0.3937 y=0.3895 u=0.2287 v=0.3394

Chroma Coordinate:u'=0.2287 v'=0.509

CCT.:CCT=3757K Dominant: d=579nm Barycenter: b=573nm Peak Wavelength: p=590.1nm

FWHM: 141.2nm Purity:Pe=35.06% Red Ratio:R=0.186 Green Ratio:G=0.781 Blue Ratio:B=0.033

Color CRI.:Ra=80.9

R 1=78	R 2=88	R 3=96	R 4=79	R 5=79	R 6=84	R 7=84
R 8=59	R 9=-6	R10=72	R11=78	R12=64	R13=81	R14=98
R15=71						

Luminosity Parameter

Luminous Flux(380-780nm):499.749lm Optical Power(380-780nm):1.485W Efficient(380-780nm):70.29lm/W

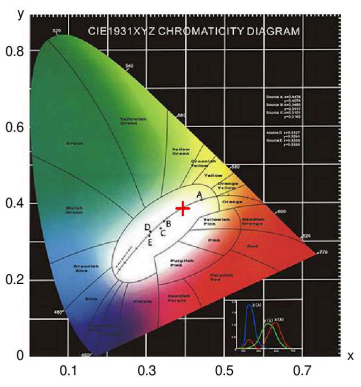
Electric Parameter

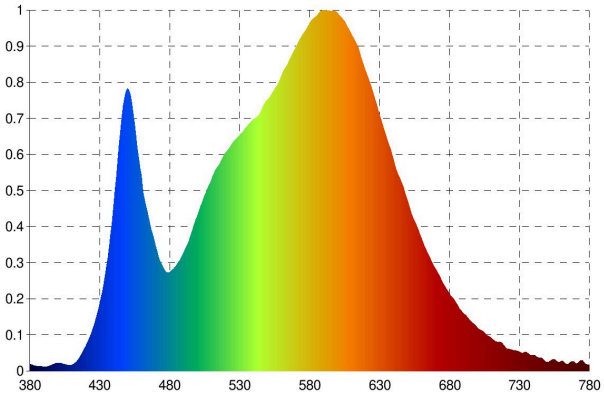
Voltage: U=221.9V Current: I=61mA Power: P=7.11W PF: PF=0.516

Device State

Wavelength Range：380nm-780nm Wavelength Interval：1nm

CIE1931 Chroma Figure





Product Model: 2713

Sample No.: 1

Test Cond:Tg=24.2Cels Ta=24.6Cels RH=60%

Test Date: 2017-11-14

Manufacturer: 样

Product Category: LED

Measure Device: Volnic X10 Series CCD Spectrum System

Operator(Sign):_____