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: 5588

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):	Igen
Colour-tuneable light source:	Nem	Envelope:	-
High luminance light source:	Nem		
Anti-glare shield:	Igen	Dimmable:	No

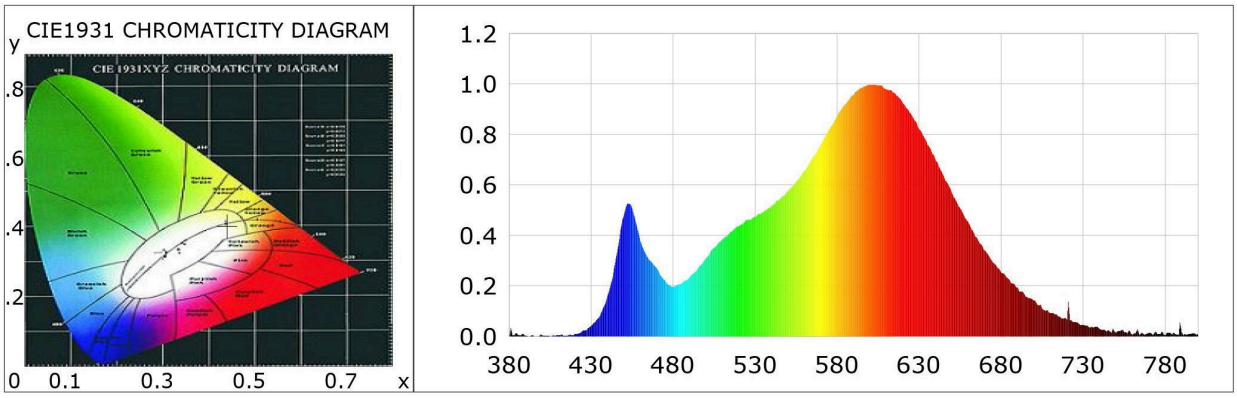
Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	3	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)	170 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	3,0	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	9	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	85		
Outer dimensions without — Depth	85		

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]		Igen	If yes, equivalent power (W)	18
			Chromaticity coordinates (x and y)	0,453 0,420
Parameters for directional light sources:				
Peak luminous intensity (cd)		89	Beam angle in degrees, or the range of beam angles that can be set	-...-
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)		0,89	Colour consistency in McAdam ellipses	6
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.		Igen[b]	If yes then replacement claim (W)	5
Flicker metric (Pst LM)		0,7	Stroboscopic effect metric (SVM)	0,2

[a] '-' : not applicable;

[b] '-' : not applicable;


CIE1931 CHROMATICITY DIAGRAM
y
.8
.6
.4
.2
0
0.1
0.3
0.5
0.7
x
CIE 1931XYZ CHROMATICITY DIAGRAM
1.2
1.0
0.8
0.6
0.4
0.2
0.0
380
430
480
530
580
630
680
730
780