

# 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:** 3908

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

## Product parameters

Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	12	Energy efficiency class	G
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	466 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	3 700
On-mode power ( $P_{on}$ ), expressed in W	12,0	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	80
Outer dimensions without	Height	Spectral power distribution in the	See image in last page
	Width		
	Depth		

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 <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,394 0,390
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	1	Beam angle in degrees, or the range of beam angles that can be set	120
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	10	Survival factor	0,90
the lumen maintenance factor	0,80		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi$ 1)	0,90	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;

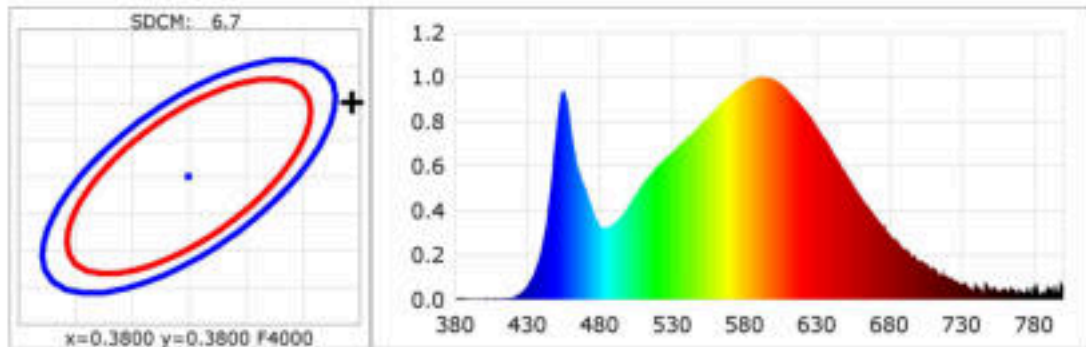
### Product Information

Product Category: MIRROR  
Product Spec: 4000K  
Manufacturer: JIN HAI LI

Product Type: MB-542-12w  
Product Number: 4

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3943$   $y=0.3900$   $u(u')=0.2289$   $v=0.3396$   $v'=0.5093$   
CCT:  $T_c=3746K$  ( $duv=0.00229$ ) Color Ratio:  $R=0.189$   $G=0.775$   $B=0.036$   
Peak Wavelength: 592nm Half Bandwidth: 149.2nm  
Dominant Wavelength: 597.9nm Color Purity: 0.354  
CRI:  $R_i$ :  $R_a=82.4$   
 $R1=80$   $R2=90$   $R3=96$   $R4=79$   $R5=80$   $R6=86$   $R7=85$   $R8=63$   
 $R9=10$   $R10=76$   $R11=76$   $R12=59$   $R13=83$   $R14=98$   $R15=75$



### Photometric Parameters

Luminous Flux: 466.1 lm  
Pupil Flux: 678.8 Plm  
Cirtopic Flux: 1357.0 lm

Efficiency: 36.70 lm/W Radiant Power: 1.436 W  
Pupil Lumens Per Watt: 53.45 Plm/W Pupil Factor (Kp): 1.456

### Electric Parameters

Voltage: 220.10V  
Power Factor: 0.8050

Current: 0.0720A Power: 12.70W  
Frequency: 49.99Hz

### Test Information

Scan Range: 380nm~800nm:1nm  
Stabilization Time: 30 Sec  
Max of Signal: 53352 (3890)

Photometric Method:  
Photometric Condition: Sphere diameter: 1.50m, 4IT  
CCD Integration Time: 1985.75 ms