

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: ELMARK

Supplier's address: ELMARK INDUSTRIES SC, bul.Dobrudja 2, 9300 Dobrich Dobrich, BG

Model identifier: 99JR1203WW/WH

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	Integrated LED		
Mains or non-mains:	NMLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

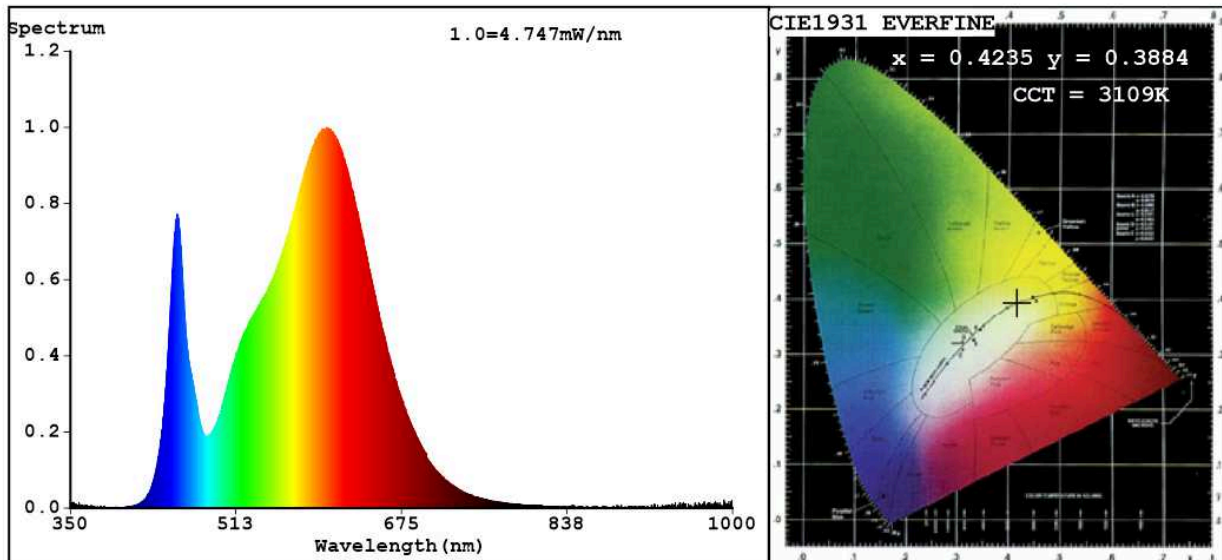
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	3	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	230 in Narrow cone (90°)	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	3,5	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,30
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	-	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	81
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 ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,423 0,388
Parameters for directional light sources:			
Peak luminous intensity (cd)	601	Beam angle in degrees, or the range of beam angles that can be set	30
Parameters for LED and OLED light sources:			
R9 colour rendering index value	5	Survival factor	0,50
the lumen maintenance factor	0,93		

(a): not applicable;

(b): not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4235$ $y=0.3884$ / $u'=0.2486$ $v'=0.5130$

CCT=3109K (Duv=-0.0045) Dominant WL: $\lambda_d = 584.2\text{nm}$ Purity=43.7%

Ratio: R=22.4% G=74.8% B=2.8%; Peak WL: $\lambda_p = 601.5\text{nm}$ FWHM=126.1nm

Render Index: Ra=81.6

R1 =81	R2 =92	R3 =95	R4 =78	R5 =81	R6 =89	R7 =80	
R8 =57	R9 =5	R10=80	R11=76	R12=68	R13=84	R14=98	R15=74

Photo Parameters:

Flux = 231.7 lm Eff. : 65.24 lm/W Fe = 709.5 mW

Electrical parameters:

V = 229.88 V I = 0.03553 A P = 3.551 W PF = 0.4348

WHITE:ANSI_3000K

Status: Integral T = 98 ms Ip = 29379 (45%)

Model: BOUTIQUES MINI LED DOWNLIGHTS	Number: 99JR1203WW/WH
Tester: Petya Marinova	Date: 2019-01-25 11:34
Temperature: 25.3Deg	Humidity: 65.0%
Manufacturer: ELMARK	Remarks: 018V024A2_5001