

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: 99JR1202WW/GL

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

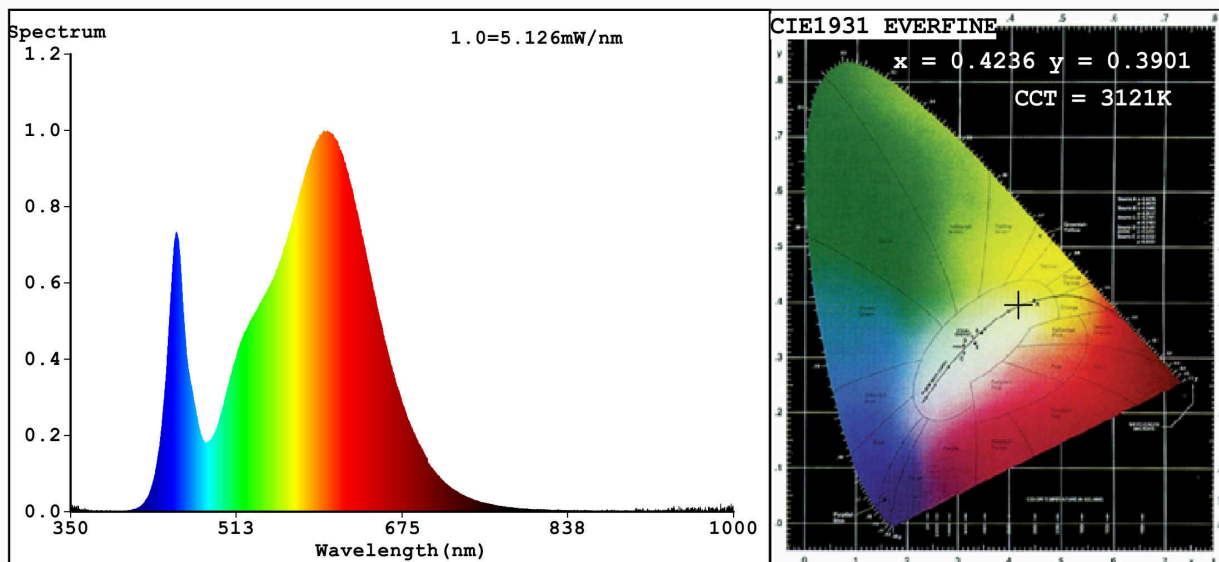
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	3	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	200 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	0,00
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 0,390
Parameters for directional light sources:				
Peak luminous intensity (cd)	602		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	4		Survival factor	0,50
the lumen maintenance factor	0,93			

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4236$ $y=0.3901$ $u'=0.2479$ $v'=0.5137$

$CCT=3121K$ ($Duv=-0.0037$) Dominant WL: $\lambda_d = 583.8nm$ Purity=44.2%

Ratio: $R=22.2\%$ $G=75.1\%$ $B=2.7\%$ Peak WL: $\lambda_p = 602.1nm$ FWHM=128.0nm

Render Index: $Ra=81.5$

$R1 = 80$ $R2 = 91$ $R3 = 95$ $R4 = 78$ $R5 = 80$ $R6 = 88$ $R7 = 81$

$R8 = 57$ $R9 = 4$ $R10 = 78$ $R11 = 77$ $R12 = 67$ $R13 = 83$ $R14 = 98$ $R15 = 74$

Photo Parameters:

Flux = 252.0 lm Eff. : 71.97 lm/W $P_e = 768.6$ mW

Electrical parameters:

$V = 219.93$ V $I = 0.03588$ A $P = 3.502$ W PF = 0.4438

WHITE: ANSI_3000K

Status: Integral T = 98 ms $I_p = 31675$ (48%)

Model: BOUTIQUES MINI LED DOWNLIGHTS
Tester: Petya Marinova
Temperature: 25.3Deg
Manufacturer: ELMARK

Number: 99JR1202WW/GL
Date: 2019-01-25 11:01
Humidity: 65.0%
Remarks: 018V024A2_5001