

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: 99JR1202CW/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

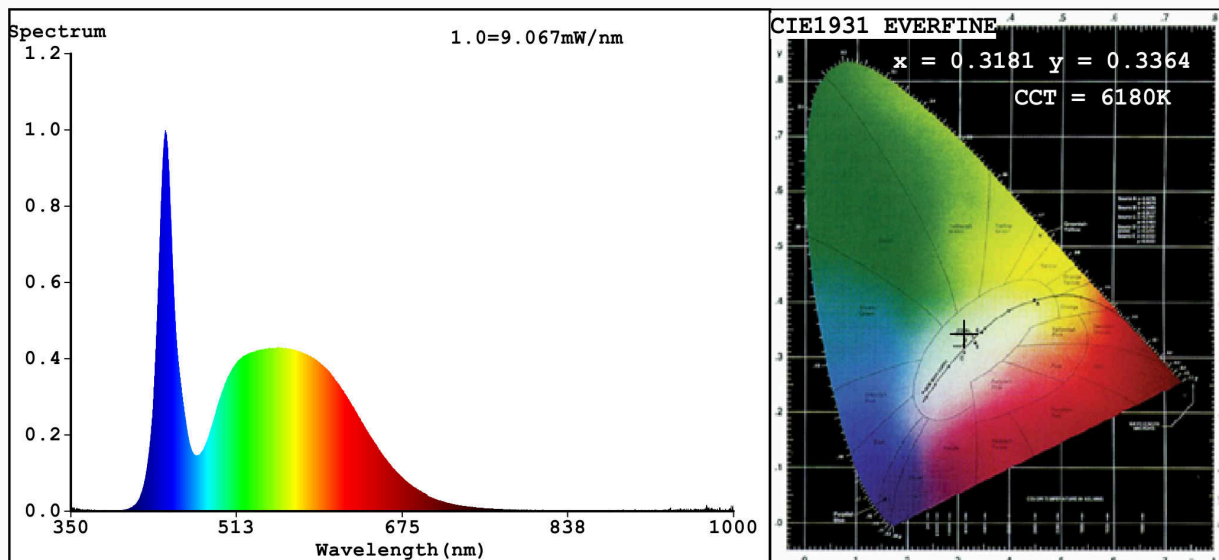
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	3	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	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	6 000
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	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 ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,318 0,336	
Parameters for directional light sources:				
Peak luminous intensity (cd)	442	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	2	Survival factor	0,50	
the lumen maintenance factor	0,93			

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3181$ $y=0.3364$ $u'=0.1988$ $v'=0.4730$

CCT=6180K(Duv=0.0043) Dominant WL:Ld =494.3nm Purity=5.0%

Ratio:R=13.5% G=81.8% B=4.7%; Peak WL:Lp=442.8nm FWHM=17.6nm

Render Index:Ra=80.1

R1 =79	R2 =82	R3 =85	R4 =82	R5 =81	R6 =78	R7 =84
R8 =69	R9 =2	R10=59	R11=84	R12=64	R13=79	R14=92
						R15=73

Photo Parameters:

Flux = 251.8 lm Eff. : 71.85 lm/W Fe = 807.6 mW

Electrical parameters:

V = 219.96 V I = 0.03609 A P = 3.505 W PF = 0.4415

WHITE:ANSI_6500K

Status: Integral T = 98 ms Ip = 47820 (73%)

Model:BOUTIQUES MINI LED DOWNLIGHTS/3W	Number:99JR1202CW/GL
Tester:Petya Marinova	Date:2019-01-25 11:03
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:018V024A2_5001