

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: 99JR1203CW/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

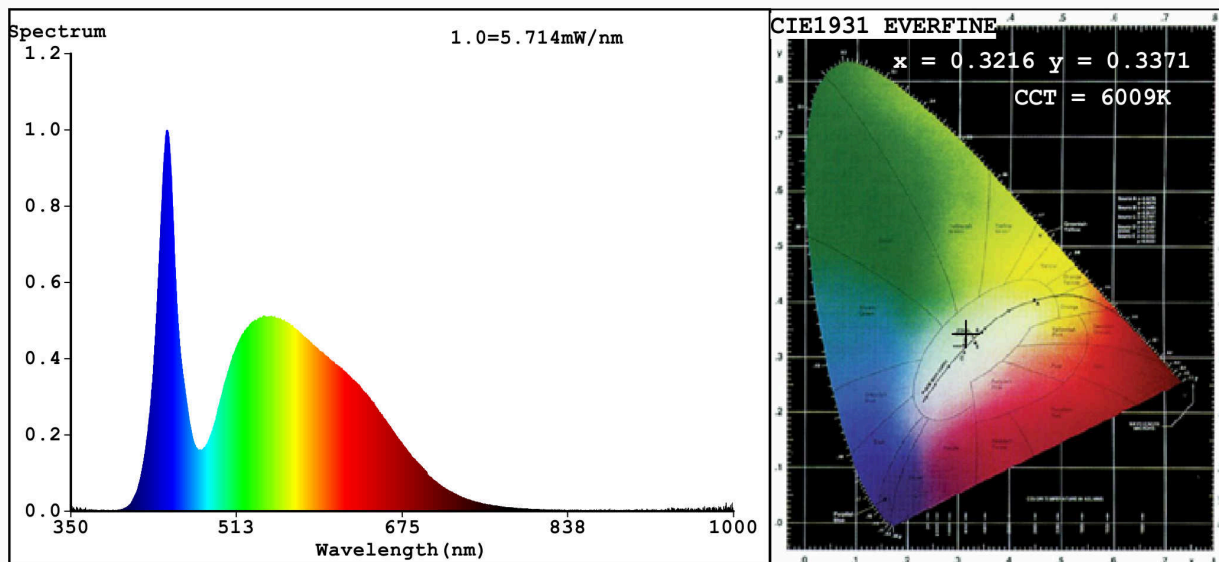
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	3	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	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	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)	0,321 0,337
Parameters for directional light sources:				
Peak luminous intensity (cd)	444		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	33		Survival factor	0,50
the lumen maintenance factor	0,93			

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3216$ $y=0.3371$ $u'=0.2009$ $v'=0.4739$

$CCT=6009K$ ($Duv=0.0030$) Dominant WL: $\lambda_d = 495.8nm$ Purity=3.8%

Ratio: R=14.2% G=81.5% B=4.3%; Peak WL: $\lambda_p = 444.8nm$ FWHM=21.5nm

Render Index: $R_a=81.4$

R1 =83	R2 =82	R3 =81	R4 =83	R5 =83	R6 =77	R7 =85
R8 =78	R9 =33	R10=58	R11=84	R12=62	R13=81	R14=89
						R15=80

Photo Parameters:

Flux = 182.9 lm Eff. : 52.27 lm/W Fe = 620.4 mW

Electrical parameters:

V = 229.90 V I = 0.03513 A P = 3.500 W PF = 0.4334

WHITE:ANSI_5700K

Status: Integral T = 98 ms Ip = 30477 (47%)

Model: BOUTIQUES MINI LED DOWNLIGHTS	Number: 99JR1203CW/WH
Tester: Petya Marinova	Date: 2019-01-25 11:39
Temperature: 25.3Deg	Humidity: 65.0%
Manufacturer: ELMARK	Remarks: 018V024A2_5001