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: 99JR1201WW/SN

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

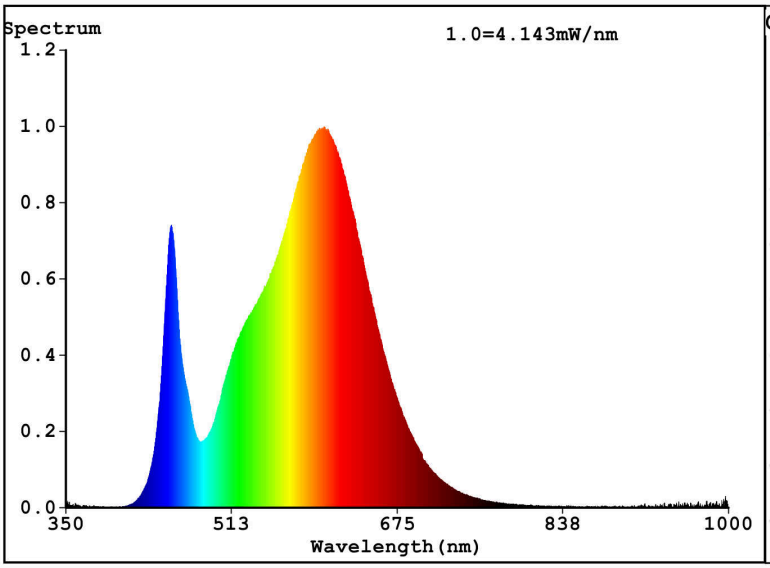
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	3	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	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	48	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	48		
Outer dimensions without — Depth	22		

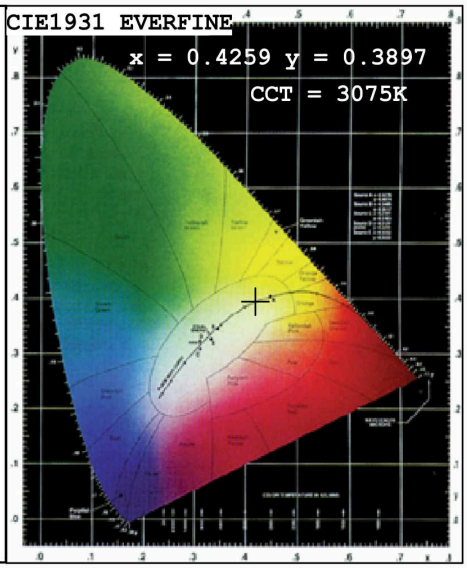
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,425 0,389
Parameters for directional light sources:				
Peak luminous intensity (cd)		603	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		3	Survival factor	0,50
the lumen maintenance factor		0,92		

(a)'-' : not applicable;

(b)'-' : not applicable;

Spectrum Test Report





Color Parameters:

Chromaticity Coordinate:x=0.4259 y=0.3897/u'=0.2496 v'=0.5139

CCT=3075K(Duv=-0.0043) Dominant WL:Ld =584.2nm Purity=44.8%

Ratio:R=22.5% G=74.8% B=2.6%¡¡Peak WL:Lp=603.1nm FWHM=124.9nm

Render Index:Ra=81.3

R1 =80	R2 =91	R3 =95	R4 =78	R5 =80	R6 =88	R7 =81	
R8 =57	R9 =3	R10=79	R11=76	R12=68	R13=83	R14=98	R15=74

Photo Parameters:

Flux = 200.9 lm Eff. : 56.37 lm/W Fe = 613.9 mW

Electrical parameters:

V = 229.80 V I = 0.03559 A P = 3.564 W PF = 0.4357

WHITE:ANSI_3000K

Status: Integral T = 196 ms Ip = 51379 (78%)

Model:BOUTIQUES MINI LED DOWNLIGHTS	Number:99JR1201WW/SN
Tester:Petya Marinova	Date:2019-01-25 10:39
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:O18V024A2_5001