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: 99XLED318

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

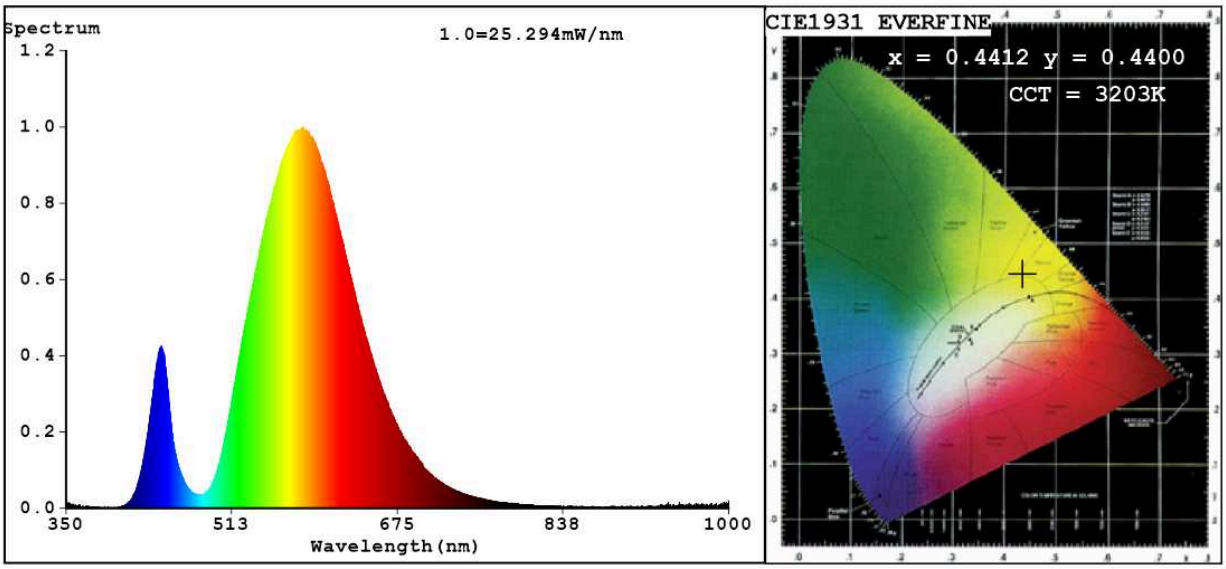
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	14	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 200 in Wide cone (120°)	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	24,0	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	60
Outer dimensions without — Height	1 000	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	10		
Outer dimensions without — Depth	3		

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)	0,441 0,440
Parameters for directional light sources:				
Peak luminous intensity (cd)		582	Beam angle in degrees, or the range of beam angles that can be set	120
Parameters for LED and OLED light sources:				
R9 colour rendering index value		0	Survival factor	0,50
the lumen maintenance factor		0,93		

(a)'-' : not applicable;

(b)'-' : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.4412 y=0.4400/u'=0.2386 v'=0.5353

CCT=3203K(Duv=0.0131) Dominant WL:Ld =578.2nm Purity=64.5%

Ratio:R=17.7% G=81.4% B=0.8%¡¡Peak WL:Lp=582.5nm FWHM=112.4nm

Render Index:Ra=60.4

R1 =54	R2 =69	R3 =83	R4 =58	R5 =52	R6 =54	R7 =77	
R8 =36	R9 =0	R10=28	R11=47	R12=18	R13=55	R14=90	R15=46

Photo Parameters:

Flux = 1273 lm Eff. : 51.37 lm/W Fe = 3.325 W

Electrical parameters:

V = 12.080 V I = 2.051 A P = 24.78 W PF = 1.000

WHITE:OUT

Status: Integral T = 25 ms Ip = 41959 (64%)

Model:LED300/14.4W/m	Number:99XLED318
Tester:Petya Marinova	Date:2019-01-24 16:42
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:O18V034A_5103