

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: 99LED691

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):	Yes
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

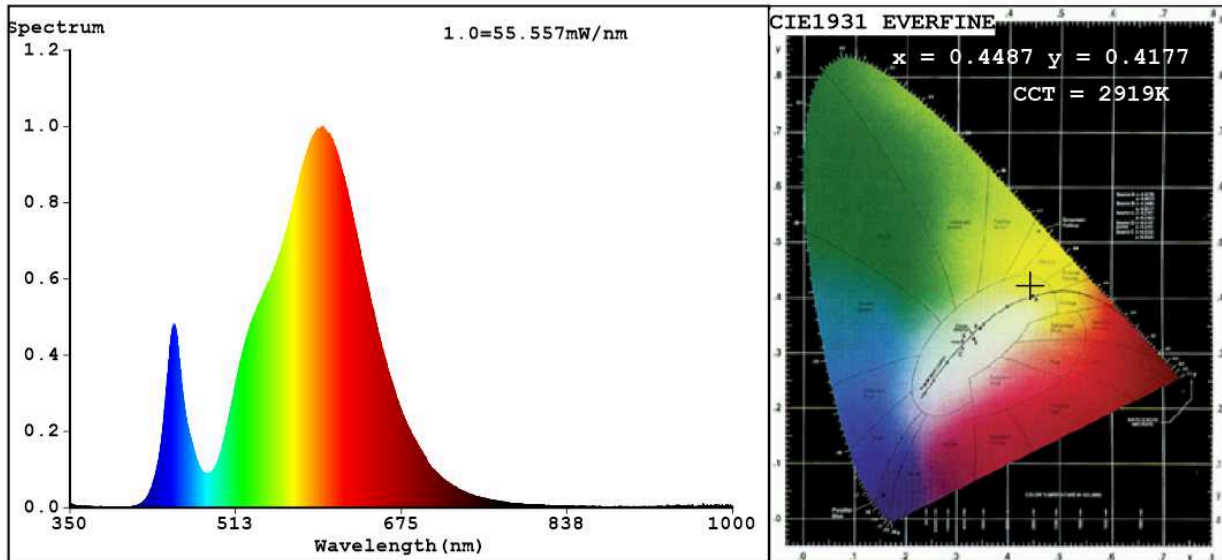
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	29	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	2 500 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	36,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,50
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	0,50	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	73
Outer dimensions without separate control gear, lighting control	Height	1 000	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	10	
	Depth	3	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,446 0,416
Parameters for directional light sources:			
Peak luminous intensity (cd)	598	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: $x=0.4487$ $y=0.4177$ / $u'=0.2523$ $v'=0.5284$

CCT=2919K (Duv=0.0038) Dominant WL: $\lambda_d = 582.0$ nm Purity=60.1%

Ratio: R=21.8% G=76.6% B=1.6% ; Peak WL: $\lambda_p = 598.5$ nm FWHM=118.9nm

Render Index: Ra=73.0

R1 =70 R2 =82 R3 =94 R4 =70 R5 =68 R6 =75 R7 =80
R8 =46 R9 =0 R10=59 R11=65 R12=45 R13=72 R14=96 R15=61

Photo Parameters:

Flux = 2647 lm Eff. : 70.24 lm/W $P_e = 7.510$ W

Electrical parameters:

V = 12.080 V I = 3.119 A P = 37.68 W PF = 1.000

WHITE: ANSI_3000K

Status: Integral T = 14 ms $I_p = 48802$ (74%)

Model: LED-5050-2X60/29W/m
Tester: Petya Marinova
Temperature: 25.3Deg
Manufacturer: ELMARK

Number: 99LED691
Date: 2018-10-25 09:27
Humidity: 65.0%
Remarks: O18V024A_4839