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: 99LED611IP65E

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:	MLS	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	10	Energy efficiency class	F
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)	850 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	6 500
On-mode power (P_{on}), expressed in W	10,2	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	85
Outer dimensions without — Height	150	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	150		
Outer dimensions without — Depth	27		

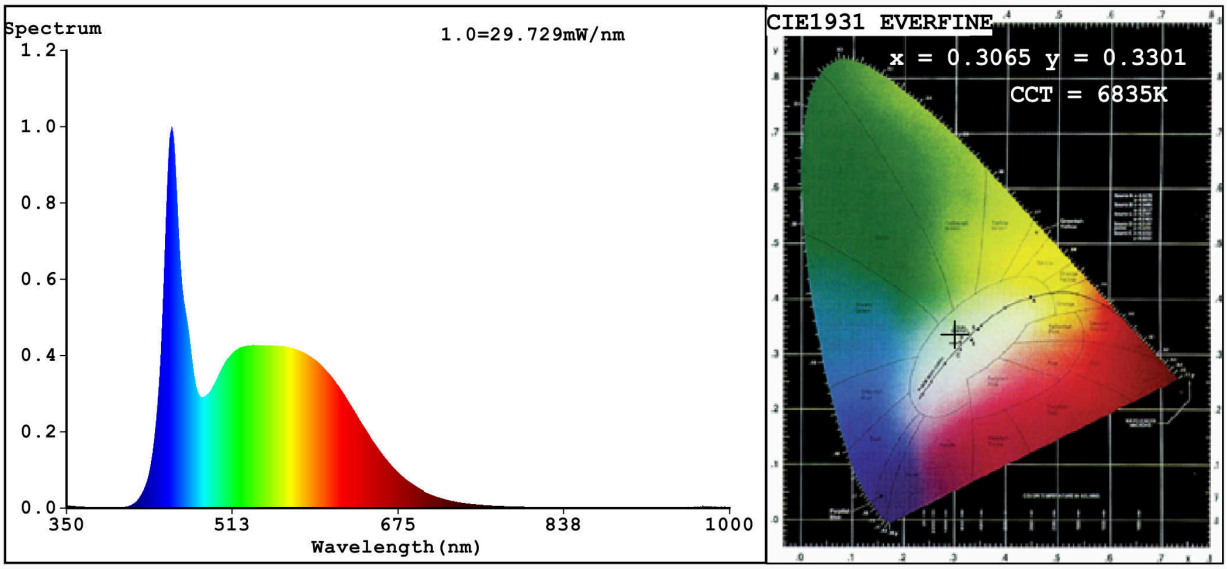
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,306 0,330
Parameters for directional light sources:				
Peak luminous intensity (cd)		453	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		18	Survival factor	0,50
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,50	Colour consistency in McAdam ellipses	3
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.		-[(b)]	If yes then replacement claim (W)	-
Flicker metric (Pst LM)		0,0	Stroboscopic effect metric (SVM)	0,0

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

EVERFINE HAAS-1200 Test Report

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3065 y=0.3301/u'=0.1931 v'=0.4680

CCT=6835K(Duv=0.0069) Dominant WL:Ld =490.2nm WL:Lc = --nm Purity=9.3%

Ratio:R=13.2% G=80.2% B=6.6%¡¡Peak WL:Lp=453.3nm FWHM=23.4nm

Render Index:Ra=85.8

R1 =84	R2 =92	R3 =95	R4 =83	R5 =84	R6 =88	R7 =89	
R8 =72	R9 =18	R10=81	R11=83	R12=60	R13=87	R14=98	R15=79

Photo Parameters:

Flux = 848.2 lm Eff. : 82.55 lm/W Fe = 2.795 W

Electrical parameters:

V = 229.95 V I = 0.09281 A P = 10.27 W PF = 0.4815

WHITE:ANSI_6500K

Status: Integral T = 36 ms Ip = 51391 (78%)

Model:WATERPROOF LED PANEL ROUND/10W Number:99LED611IP65CW
Tester:Petya Marinova Date:2019-09-03 15:31:20
Temperature:25.3Deg Humidity:65.0%
Manufacturer:ELMARK Remarks:O19V013B_5743