

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: 99LED607IP65CW

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

Product parameters

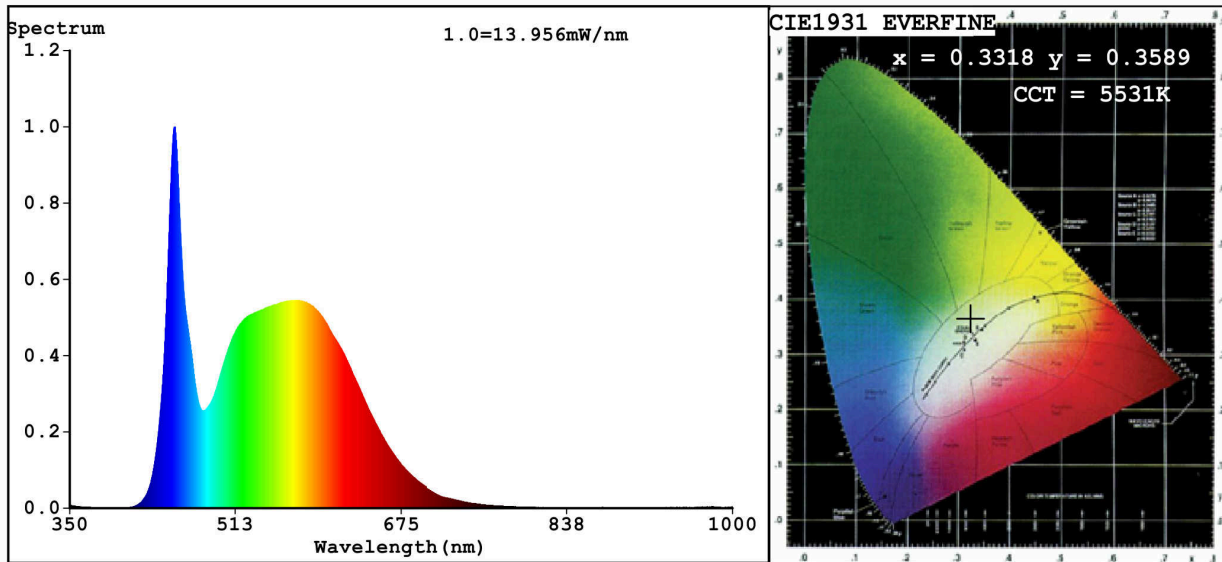
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	7	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	550 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	6 000
On-mode power (P_{on}), expressed in W	8,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,20
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	0,20	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	81
Outer dimensions without separate control gear, lighting control	Height	115	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	115	
	Depth	27	
			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)	0,331 0,358
Parameters for directional light sources:			
Peak luminous intensity (cd)	149	Beam angle in degrees, or the range of beam angles that can be set	111
Parameters for LED and OLED light sources:			
R9 colour rendering index value	0	Survival factor	0,50
the lumen maintenance factor	0,93		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,10	Colour consistency in McAdam ellipses	6
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;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3318$ $y=0.3589$ / $u'=0.1998$ $v'=0.4862$
 CCT=5531K (Duv=0.0092) Dominant WL:Ld =551.5nm WL:Lc = --nm Purity=7.3%
 Ratio:R=13.9% G=81.0% B=5.0%; Peak WL:Lp=453.0nm FWHM=20.4nm
 Render Index:Ra=81.4 AvgR=73.5 TM30:Rf=83 Rg=92 Lav=547.9nm

R1 =78 R2 =87 R3 =94 R4 =79 R5 =79 R6 =83 R7 =87
 R8 =64 R9 =0 R10=70 R11=78 R12=56 R13=80 R14=97 R15=71

Photo Parameters:

Flux = 492.9 lm Eff. : 61.37 lm/W Fe = 1.511 W

Electrical parameters:

V = 225.25 V I = 0.1828 A P = 8.032 W PF = 0.1950

WHITE:OUT

Status: Integral T = 86 ms Ip = 50894 (78%)

Model:LED PANEL ROUND
 Tester:Atanas DAKOV
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED607IP65CW
 Date:2021-07-28 14:02:56
 Humidity:65.0%
 Remarks:7593