

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: 99EL50390940/WH

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:	Yes		
Anti-glare shield:	No	Dimmable:	No

Product parameters

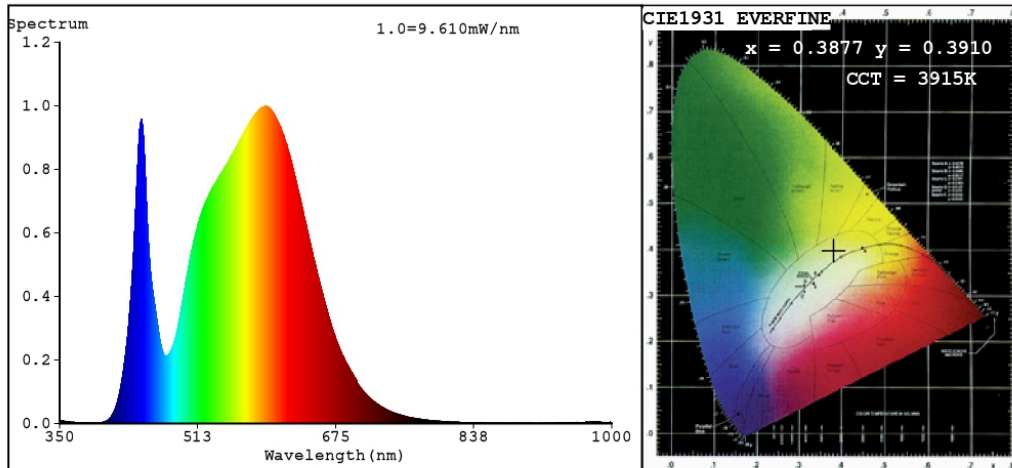
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	9	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	550 in 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	4 000
On-mode power (P_{on}), expressed in W	9,2	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	80
Outer dimensions without separate control gear, lighting control	Height	106	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	152	
	Depth	100	
			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)	0,385 0,381
Parameters for directional light sources:			
Peak luminous intensity (cd)	597	Beam angle in degrees, or the range of beam angles that can be set	60
Parameters for LED and OLED light sources:			
R9 colour rendering index value	6	Survival factor	0,50
the lumen maintenance factor	0,95		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,60	Colour consistency in McAdam ellipses	1
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: $x=0.3877$ $y=0.3910/u'=0.2242$ $v'=0.5088$
 CCT=3915K(Duv=0.0045) Dominant WL:Ld =577.3nm WL:Lc = --nm Purity=33.7%
 Ratio:R=17.9% G=79.1% B=3.0%;;Peak WL:Lp=592.2nm FWHM=148.9nm
 Render Index:Ra=80.0

R1 =77 R2 =84 R3 =92 R4 =81 R5 =78 R6 =80 R7 =86
 R8 =62 R9 =0 R10=64 R11=80 R12=60 R13=79 R14=95 R15=70

Photo Parameters:

Flux = 559.3 lm Eff. : 59.53 lm/W Fe = 1.666 W

Electrical parameters:

V = 229.90 V I = 0.06575 A P = 9.395 W PF = 0.6216
 WHITE:ANSI_4000K

~~Status: Integral T = 62 ms Ip = 30180 (46%)~~

Model:LED Wall Lamp
 Tester:EB
 Temperature:22.3Deg
 Manufacturer:ELMARK

Number:99EL50390940/WH
 Date:2023-03-08 14:19:39
 Humidity:65.0%
 Remarks:1022C