

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: 95IP4411/2

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

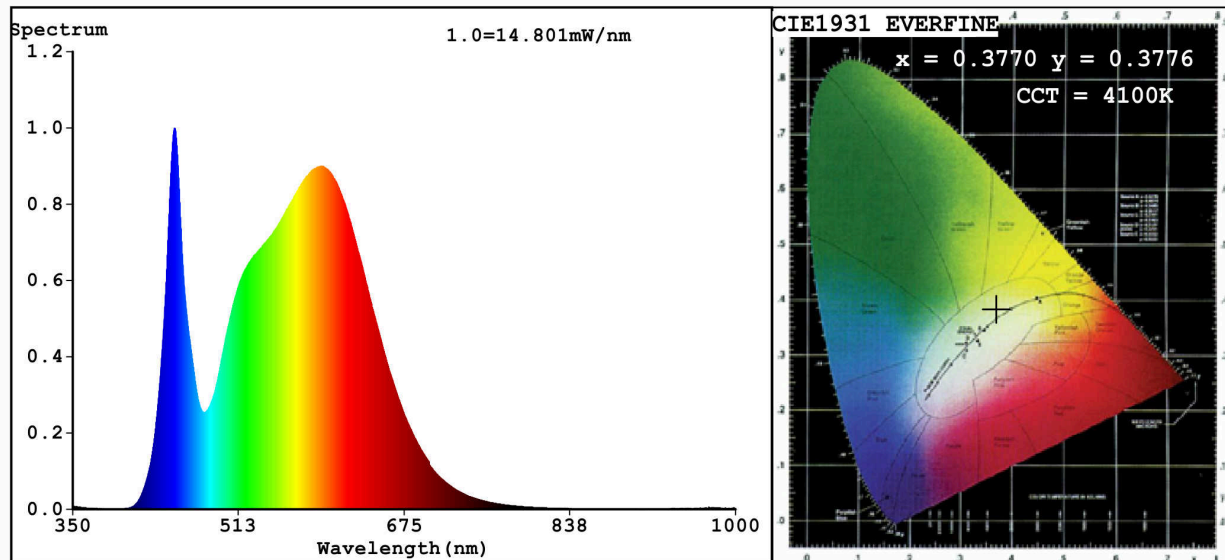
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	8	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	700 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	4 000
On-mode power (P_{on}), expressed in W	10,0	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	83
Outer dimensions without separate control gear, lighting control	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,377 0,377	
Parameters for directional light sources:				
Peak luminous intensity (cd)	449	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	10	Survival factor	0,40	
the lumen maintenance factor	0,90			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,20	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)	0,4	Stroboscopic effect metric (SVM)	0,6	

(a) '-': not applicable;

(b) '-': not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3770$ $y=0.3776$ $u'=0.2226$ $v'=0.5014$
CCT=4100K (Duv=0.0014) Dominant WL:Ld =577.9nm WL:Lc = --nm Purity=26.5%
Ratio:R=17.9% G=78.5% B=3.6%; Peak WL:Lp=449.9nm FWHM=22.9nm
Render Index:Ra=83.1

R1 =81	R2 =88	R3 =94	R4 =83	R5 =81	R6 =84	R7 =87
R8 =66	R9 =10	R10=72	R11=82	R12=63	R13=83	R14=97 R15=75

Photo Parameters:

Flux = 784.0 lm Eff. : 77.27 lm/W Fe = 2.396 W

Electrical parameters:

V = 219.99 V I = 0.1991 A P = 10.15 W PF = 0.2316

WHITE:ANSI_4000K

Status: Integral T = 64 ms Ip = 42014 (64%)

Model:LED MIRROR LIGHT
Tester:Atanas DAKOV
Temperature:25.3Deg
Manufacturer:ELMARK

Number:95IP4411/2
Date:2021-03-30 15:38:16
Humidity:65.0%
Remarks:7467