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: 95IP4412

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
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

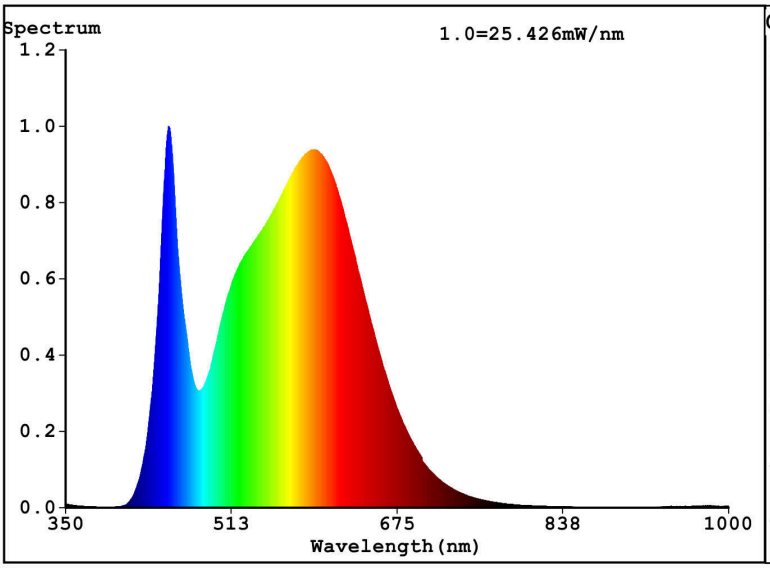
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	15	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 390 in Sphere (360°)	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	15,4	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 — Height	600	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	65		
Outer dimensions without — Depth	53		

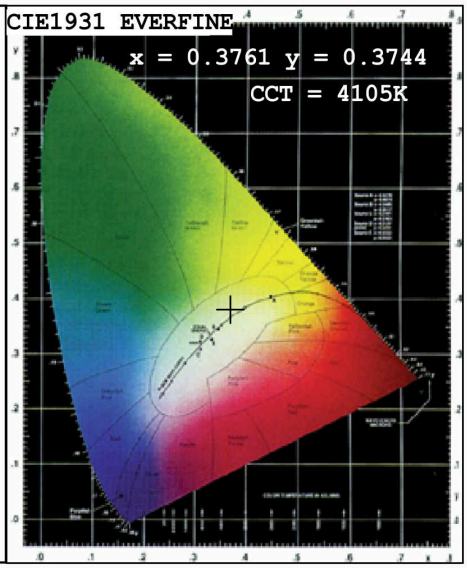
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,376 0,374
Parameters for LED and OLED light sources:				
R9 colour rendering index value		11	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	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=0.3761 y=0.3744/u'=0.2232 v'=0.4999

CCT=4105K(Duv=0.0002) Dominant WL:Ld =578.5nm Purity=25.2%

Ratio:R=18.0% G=78.2% B=3.8%¡¡Peak WL:Lp=451.3nm FWHM=26.4nm

Render Index:Ra=83.5

R1 =82	R2 =90	R3 =95	R4 =82	R5 =82	R6 =85	R7 =86	
R8 =66	R9 =11	R10=75	R11=81	R12=64	R13=84	R14=97	R15=76

Photo Parameters:

Flux = 1390 lm Eff. : 89.91 lm/W Fe = 4.287 W

Electrical parameters:

V = 229.89 V I = 0.1234 A P = 15.46 W PF = 0.5451

WHITE:ANSI_4000K

Status: Integral T = 29 ms Ip = 44404 (68%)

Model:LED MIRROR LIGHT/15W	Number:95IP4412
Tester:Petya Marinova	Date:2018-11-19 13:35
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:O18V016B_4764