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: 955FAYE12

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

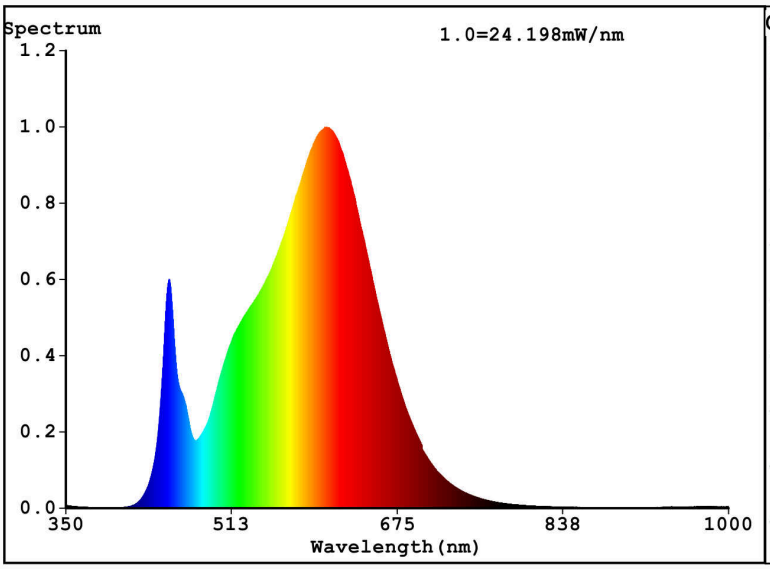
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	12	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 000 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	3 000
On-mode power (P_{on}), expressed in W	16,3	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	84
Outer dimensions without — Height	50	Spectral power distribution in the	See image in last page
Width	580		
Depth	580		

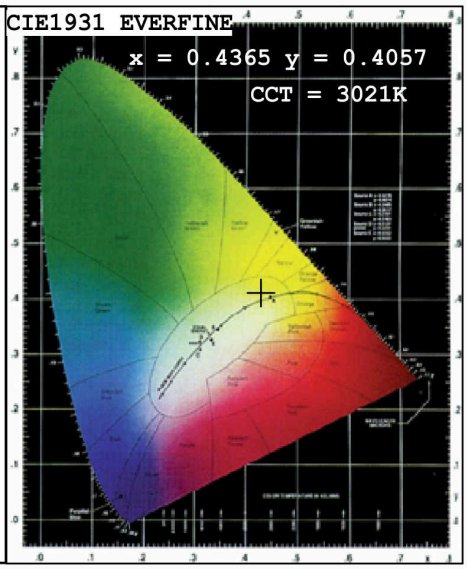
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,436 0,405
Parameters for LED and OLED light sources:				
R9 colour rendering index value		15	Survival factor	0,50
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,90	Colour consistency in McAdam ellipses	2
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=0.4365 y=0.4057/u'=0.2496 v'=0.5220

CCT=3021K(Duv=0.0007) Dominant WL:Ld =582.5nm Purity=52.8%

Ratio:R=23.0% G=74.4% B=2.6%¡¡Peak WL:Lp=604.1nm FWHM=135.5nm

Render Index:Ra=84.4

R1 =83	R2 =92	R3 =97	R4 =83	R5 =83	R6 =90	R7 =85	
R8 =63	R9 =15	R10=81	R11=83	R12=71	R13=85	R14=99	R15=76

Photo Parameters:

Flux = 1195 lm Eff. : 73.24 lm/W Fe = 3.671 W

Electrical parameters:

V = 229.93 V I = 0.07543 A P = 16.32 W PF = 0.9408

WHITE:ANSI_3000K

Status: Integral T = 42 ms Ip = 51189 (78%)

Model:LED ceiling lamp/4õ4W	Number:955FAYE16
Tester:Petya Marinova	Date:2017-11-02 09:19
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:INNO170919-039_4104