

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: 955FAYE24

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

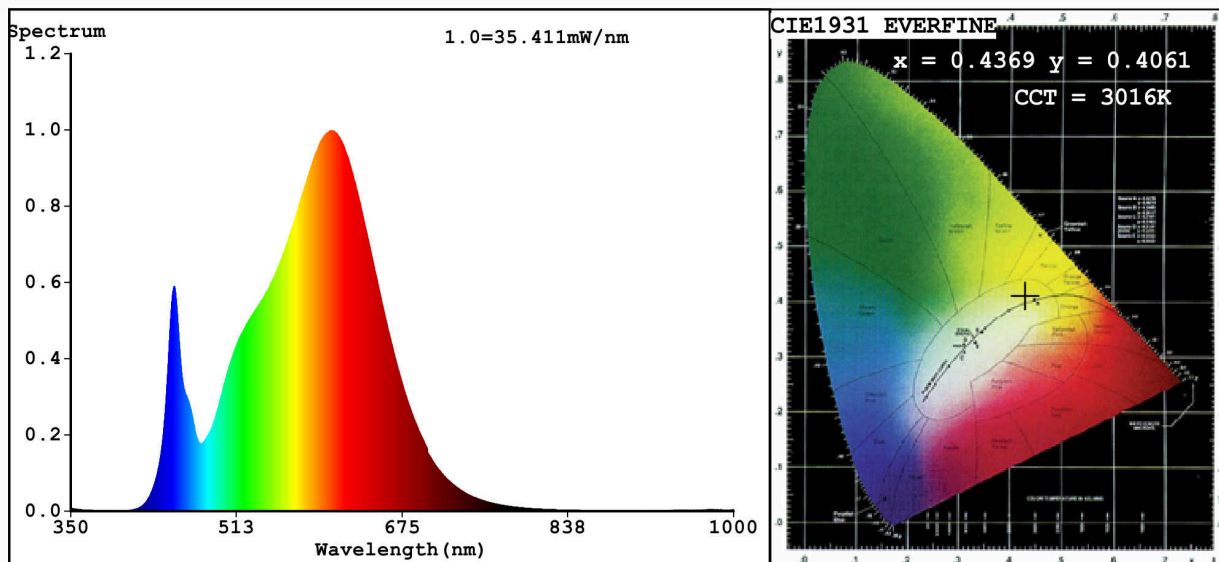
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	24	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 747 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	24,5	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	Spectral power distribution in the	See image in last page
	Width		
	Depth		

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 0,406	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	14	Survival factor	0,50	
the lumen maintenance factor	0,93			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	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: $x=0.4369$ $y=0.4061$ $u'=0.2497$ $v'=0.5222$

CCT=3016K(Duv=0.0008) Dominant WL:Ld =582.5nm Purity=53.0%

Ratio:R=23.0% G=74.5% B=2.5%; Peak WL:Lp=605.8nm FWHM=135.0nm

Render Index:Ra=84.2

R1 =83	R2 =91	R3 =97	R4 =83	R5 =83	R6 =90	R7 =85	
R8 =62	R9 =14	R10=80	R11=82	R12=70	R13=85	R14=99	R15=76

Photo Parameters:

Flux = 1747 lm Eff. : 71.16 lm/W Fe = 5.364 W

Electrical parameters:

V = 229.97 V I = 0.1134 A P = 24.55 W PF = 0.9411

WHITE:ANSI_3000K

Status: Integral T = 26 ms Ip = 46358 (71%)

Model:LED ceiling lamp/6x4W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:955FAYE24
Date:2017-11-02 11:19
Humidity:65.0%
Remarks:INNO170919-039_4104