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: 955FELIX3052

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:	Yes		
Anti-glare shield:	No	Dimmable:	No

Product parameters

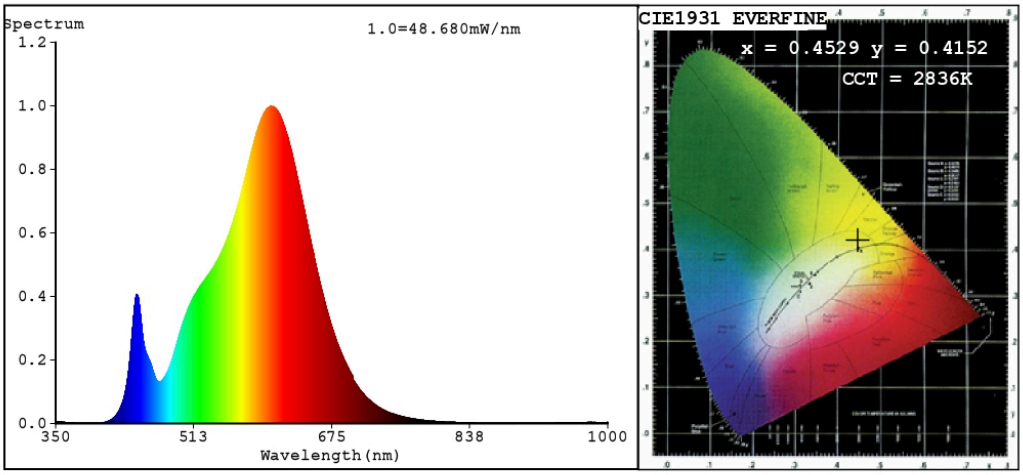
Parameter		Value	Parameter	Value
General product parameters:				
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer		52	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)		2 300 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	2 860
On-mode power (P_{on}), expressed in W		47,0	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	81
Outer dimensions without separate control gear, lighting control	Height	180	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width	520		
	Depth	650		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,452 0,415
Parameters for LED and OLED light sources:				
R9 colour rendering index value		1	Survival factor	0,50
the lumen maintenance factor		0,95		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,90	Colour consistency in McAdam ellipses	6
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=0.4529 y=0.4152/u'=0.2560 v'=0.5281

CCT=2836K(Duv=0.0024) Dominant WL:Ld =582.8nm WL:Lc = --nm Purity=60.6%

Ratio:R=23.8% G=74.0% B=2.2%¡¡Peak WL:Lp=603.1nm FWHM=118.8nm

Render Index:Ra=81.9

R1 =80	R2 =90	R3 =97	R4 =81	R5 =80	R6 =89	R7 =82	
R8 =56	R9 =1	R10=78	R11=81	R12=74	R13=82	R14=99	R15=71

Photo Parameters:

Flux = 2294 lm Eff. : 48.75 lm/W Fe = 6.905 W

Electrical parameters:

V = 229.77 V I = 0.2115 A P = 47.06 W PF = 0.9685

WHITE:ANSI_2700K

Status: Integral T = 22 ms Ip = 52465 (80%)

Model:LED CEILING LAMP	Number:955FELIX3052
Tester:Atanas DAKOV	Date:2022-11-24 11:26:38
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:8911