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: 92FLCOM3040/BL

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

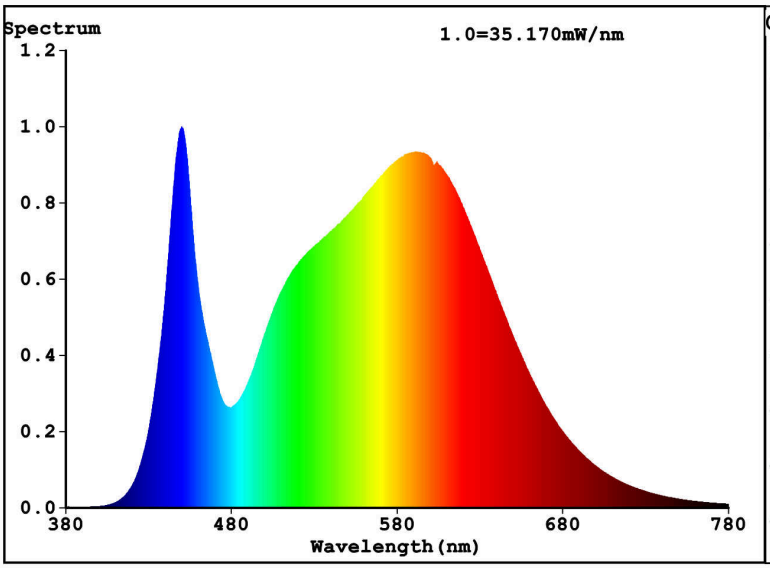
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	30	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	2 000 in Narrow cone (90°)	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	29,7	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 — Height	155	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	155		
Outer dimensions without — Depth	155		

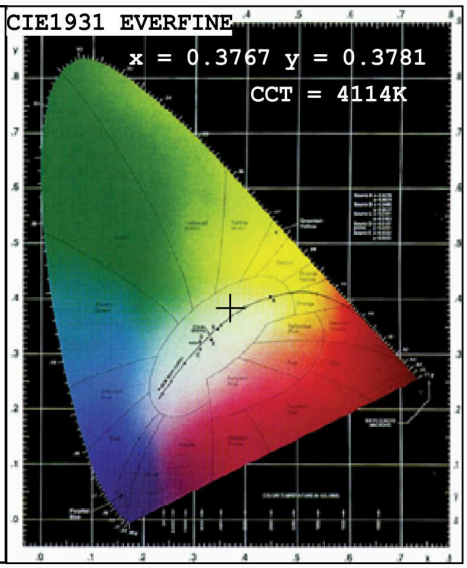
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,376 0,378
Parameters for directional light sources:				
Peak luminous intensity (cd)		449	Beam angle in degrees, or the range of beam angles that can be set	60
Parameters for LED and OLED light sources:				
R9 colour rendering index value		2	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	0
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=0.3767 y=0.3781/u'=0.2221 v'=0.5016

CCT=4114K(Duv=0.0018) Dominant WL:Ld =577.6nm Purity=26.5%

Ratio:R=17.6% G=78.8% B=3.5%¡¡Peak WL:Lp=449.9nm FWHM=24.0nm

Render Index:Ra=81.6

R1 =79	R2 =87	R3 =94	R4 =81	R5 =80	R6 =83	R7 =86	
R8 =63	R9 =2	R10=70	R11=80	R12=61	R13=81	R14=97	R15=73

Photo Parameters:

Flux = 1917 lm Eff. : 64.53 lm/W Fe = 5.753 W

Electrical parameters:

V = 230.00 V I = 0.1346 A P = 29.70 W PF = 0.9591

WHITE:ANSI_4000K

Status: Integral T = 27 ms Ip = 57128 (87%)

Model:FLCOM COB/30W	Number:92FLCOM3040/WH
Tester:Petya Marinova	Date:2019-07-04 13:33
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:EI0011901_5744