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: 93MFFL1230/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:	NMLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

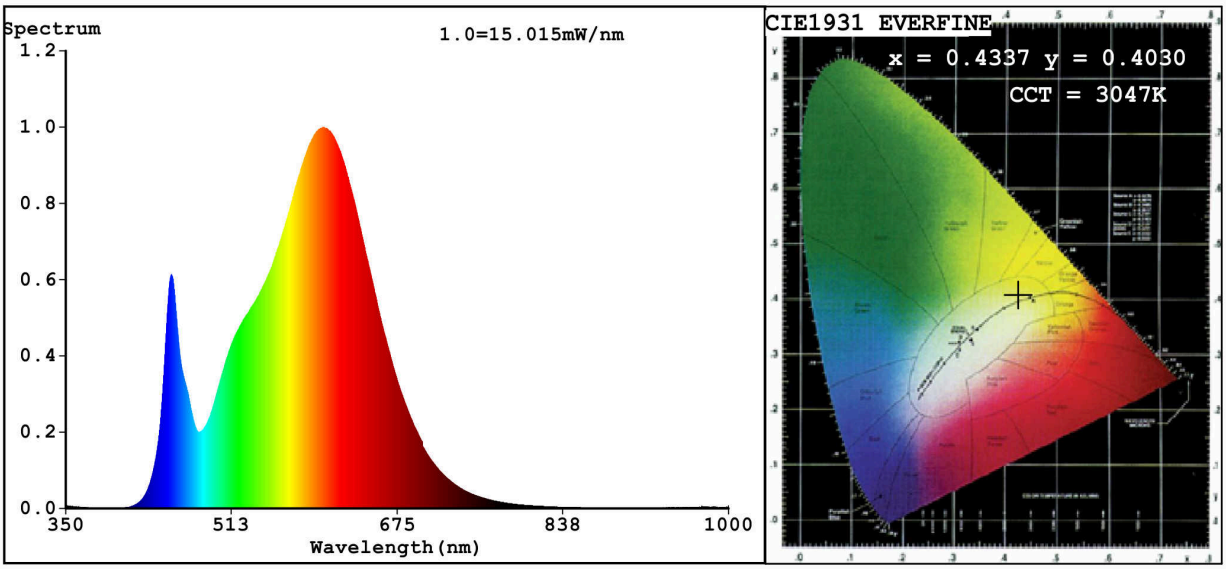
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	12	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	800 in Wide cone (120°)	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	19,0	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	83
Outer dimensions without — Height	200	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	118		
Outer dimensions without — Depth	118		

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)	0,433 0,403
Parameters for directional light sources:				
Peak luminous intensity (cd)		601	Beam angle in degrees, or the range of beam angles that can be set	120
Parameters for LED and OLED light sources:				
R9 colour rendering index value		11	Survival factor	0,50
the lumen maintenance factor		0,93		

(a)'-' : not applicable;

(b)'-' : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.4337 y=0.4030/u'=0.2489 v'=0.5205

CCT=3047K(Duv=0.0000) Dominant WL:Ld =582.6nm WL:Lc = --nm Purity=51.1%

Ratio:R=22.6% G=74.7% B=2.7%¡¡Peak WL:Lp=601.5nm FWHM=133.6nm

Render Index:Ra=83.0 AvgR=77.4 TM30:Rf=84 Rg=95 Lav=589.5nm

R1 =82	R2 =92	R3 =96	R4 =80	R5 =82	R6 =90	R7 =83	
R8 =60	R9 =11	R10=81	R11=79	R12=69	R13=84	R14=99	R15=75

Photo Parameters:

Flux = 747.1 lm Eff. : 39.09 lm/W Fe = 2.302 W

Electrical parameters:

V = 225.24 V I = 0.2514 A P = 19.11 W PF = 0.3375

WHITE:ANSI_3000K

Status: Integral T = 51 ms Ip = 34258 (52%)

Model: LED floodlight
Tester:Atanas DAKOV
Temperature:25.3Deg
Manufacturer:ELMARK

Number:93MFFL1230 BL
Date:2021-11-17 15:54:34
Humidity:65.0%
Remarks:7876