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: 99LED730

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	GU10		
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

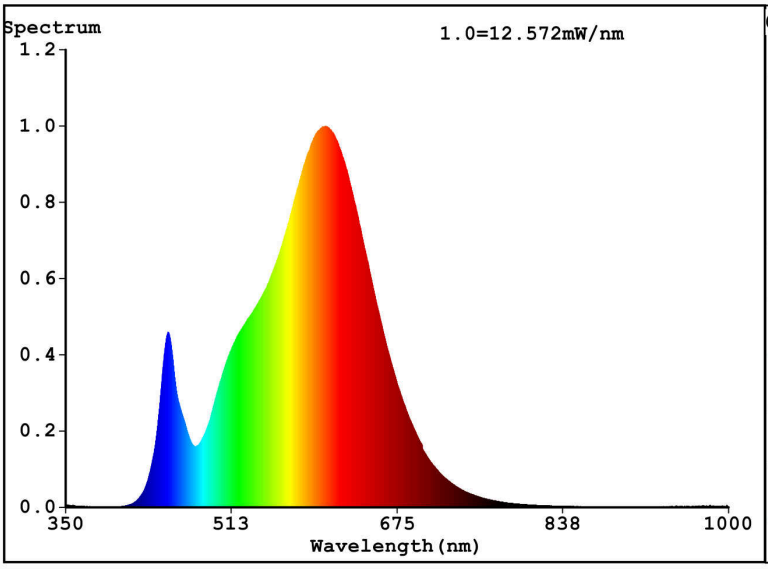
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	6	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	540 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	6,5	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	82
Outer dimensions without — Height	53	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	50		
Outer dimensions without — Depth	50		

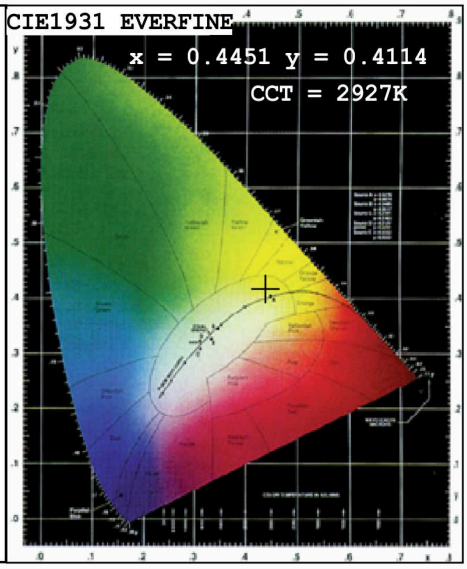
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[(a)]		Yes	If yes, equivalent power (W)	40
			Chromaticity coordinates (x and y)	0,445 0,411
Parameters for directional light sources:				
Peak luminous intensity (cd)		604	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		7	Survival factor	0,90
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,20	Colour consistency in McAdam ellipses	5
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.		Yes[(b)]	If yes then replacement claim (W)	11
Flicker metric (Pst LM)		0,6	Stroboscopic effect metric (SVM)	0,2

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

Spectrum Test Report





Color Parameters:

Chromaticity Coordinate:x=0.4451 y=0.4114/u'=0.2526 v'=0.5254

CCT=2927K(Duv=0.0018) Dominant WL:Ld =582.5nm WL:Lc = --nm Purity=57.1%

Ratio:R=23.3% G=74.4% B=2.3%¡¡Peak WL:Lp=604.5nm FWHM=128.0nm

Render Index:Ra=82.6

R1 =81	R2 =90	R3 =97	R4 =81	R5 =81	R6 =89	R7 =83	
R8 =59	R9 =7	R10=78	R11=81	R12=71	R13=83	R14=99	R15=73

Photo Parameters:

Flux = 609.2 lm Eff. : 62.31 lm/W Fe = 1.851 W

Electrical parameters:

V = 219.95 V I = 0.1980 A P = 9.776 W PF = 0.2245

WHITE:ANSI_3000K

Status: Integral T = 76 ms Ip = 45549 (70%)

Model:LED SMD2835	Number:99LED730
Tester:Atanas DAKOV	Date:2021-04-29 08:49:28
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7377