

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: 95SHINE36LED

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:	Yes	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

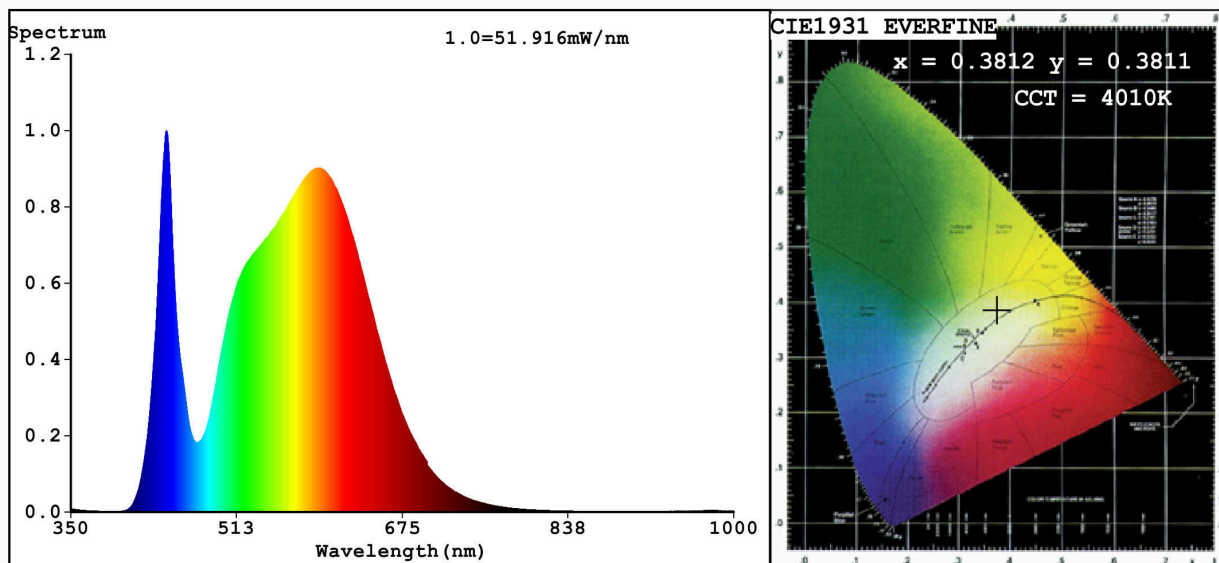
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	36	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	2 750 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	4 000
On-mode power (P_{on}), expressed in W	36,0	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	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)	0,381 0,381	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	8	Survival factor	0,50	
the lumen maintenance factor	0,95			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,50	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)	1,0	Stroboscopic effect metric (SVM)	0,9	

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3812$ $y=0.3811$ $u'=0.2239$ $v'=0.5036$
 CCT=4010K (Duv=0.0018) Dominant WL:Ld =578.1nm WL:Lc = --nm Purity=28.8%
 Ratio:R=18.0% G=78.9% B=3.1%; Peak WL:Lp=443.8nm FWHM=20.7nm
 Render Index:Ra=81.5

R1 =80	R2 =85	R3 =91	R4 =83	R5 =80	R6 =81	R7 =86
R8 =66	R9 =8	R10=66	R11=83	R12=65	R13=81	R14=95
						R15=73

Photo Parameters:

Flux = 2757 lm Eff. : 77.80 lm/W Fe = 8.430 W

Electrical parameters:

V = 219.93 V I = 0.2839 A P = 35.43 W PF = 0.5674
 WHITE:ANSI_4000K

Status: Integral T = 16 ms Ip = 38813 (59%)

Model:LED CEILING LAMP
 Tester:Atanas DAKOV
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:95SHINE36LED
 Date:2020-06-15 10:06:00
 Humidity:65.0%
 Remarks:6602