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: 95LUCE36LED

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:	Yes

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	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)	2 500 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	3 000 or 4 000 or 6 500
On-mode power (P_{on}), expressed in W	26,8	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 separate control gear, lighting control — Height	510	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	80		
Depth	80		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,309 0,325
Parameters for LED and OLED light sources:				
R9 colour rendering index value		21	Survival factor	0,50
the lumen maintenance factor		0,90		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,50	Colour consistency in McAdam ellipses	3
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

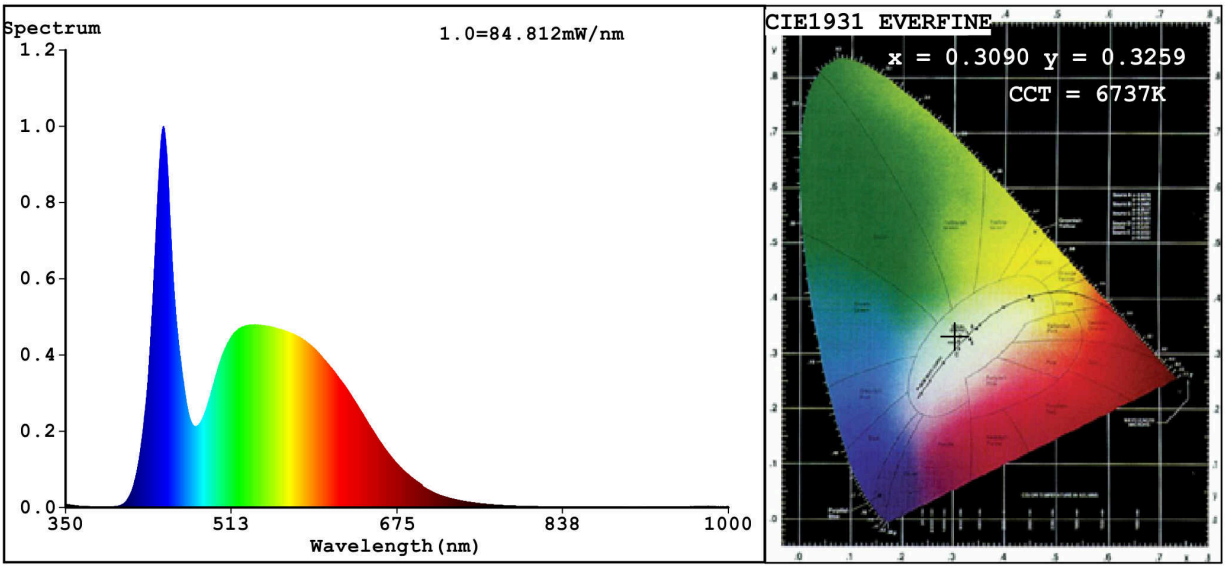
[(a)] '-' : not applicable;

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

EVERFINE

EVERFINE HAAS-1200 Test Report

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3090 y=0.3259/u'=0.1964 v'=0.4661

CCT=6737K(Duv=0.0035) Dominant WL:Ld =487.7nm WL:Lc = --nm Purity=8.8%

Ratio:R=13.4% G=81.3% B=5.3%¡¡Peak WL:Lp=445.9nm FWHM=23.8nm

Render Index:Ra=83.4

R1 =83	R2 =85	R3 =86	R4 =85	R5 =84	R6 =81	R7 =87	
R8 =76	R9 =21	R10=65	R11=86	R12=66	R13=83	R14=93	R15=79

Photo Parameters:

Flux = 2633 lm Eff. : 98.23 lm/W Fe = 8.832 W

Electrical parameters:

V = 220.28 V I = 0.2286 A P = 26.81 W PF = 0.5324

WHITE:ANSI_6500K

Status: Integral T = 20 ms Ip = 53000 (81%)

Model:LED CELING LAMP	Number:95LUCE36LED
Tester:Atanas DAKOV	Date:2020-02-07 12:46:52
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:6386