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: 99LED355M

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	G13		
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	18	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)	1 800 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	4 000
On-mode power (P_{on}), expressed in W	18,0	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	79
Outer dimensions without — Height	1 213	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	28		
Outer dimensions without — Depth	28		

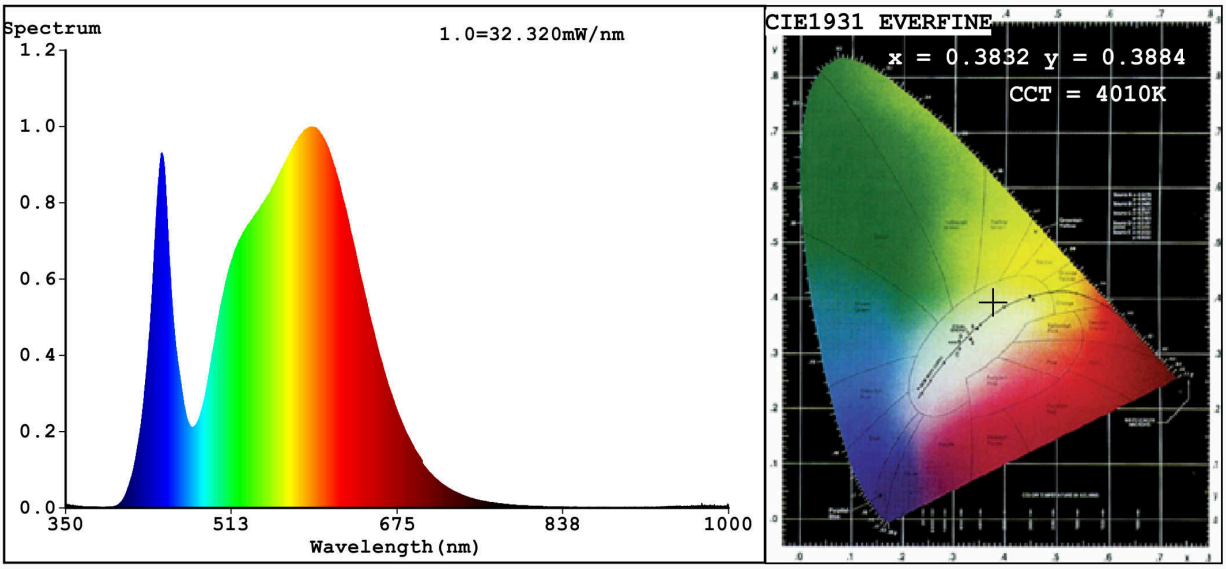
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		Yes	If yes, equivalent power (W)	125
			Chromaticity coordinates (x and y)	0,383 0,388
Parameters for LED and OLED light sources:				
R9 colour rendering index value		0	Survival factor	0,90
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	4
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)	115
Flicker metric (Pst LM)		0,0	Stroboscopic effect metric (SVM)	0,0

[a] '-' : not applicable;

[b] '-' : not applicable;

EVERFINE HAAS-1200 Test Report

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3832 y=0.3884/u'=0.2223 v'=0.5070

CCT=4010K(Duv=0.0046) Dominant WL:Ld =576.8nm WL:Lc = --nm Purity=31.6%

Ratio:R=17.5% G=79.4% B=3.1%¡¡Peak WL:Lp=591.8nm FWHM=148.9nm

Render Index:Ra=79.8

R1 =77	R2 =84	R3 =92	R4 =81	R5 =78	R6 =80	R7 =85	
R8 =61	R9 =0	R10=64	R11=80	R12=63	R13=78	R14=95	R15=70

Photo Parameters:

Flux = 1886 lm Eff. : 100.99 lm/W Fe = 5.632 W

Electrical parameters:

V = 219.97 V I = 0.09050 A P = 18.67 W PF = 0.9380

WHITE:ANSI_4000K

Status: Integral T = 31 ms Ip = 48218 (74%)

Model:LED TUBE	Number:99LED355M
Tester:Atanas DAKOV	Date:2020-10-13 13:09:27
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7084