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: 98VEGA10SLIM

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:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	Yes		
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	10	Energy efficiency class	E
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)	900 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	5 500
On-mode power (P_{on}), expressed in W	9,3	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,20
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 separate control gear, lighting control — Height	66	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	90		
Depth	18		

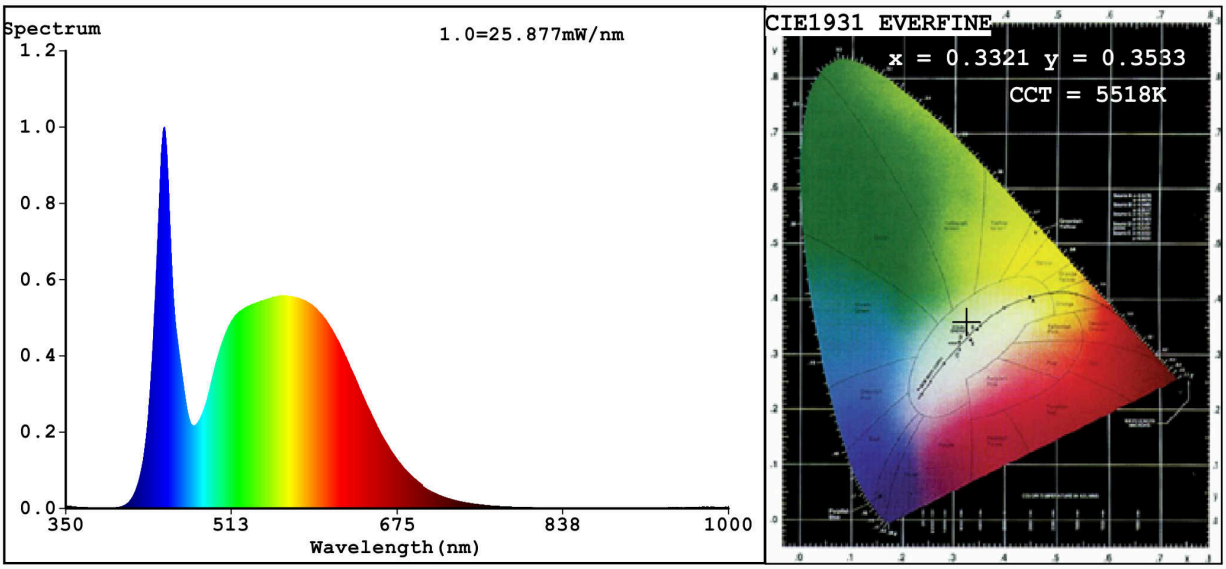
parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,332 0,353
Parameters for directional light sources:				
Peak luminous intensity (cd)		346	Beam angle in degrees, or the range of beam angles that can be set	110
Parameters for LED and OLED light sources:				
R9 colour rendering index value		3	Survival factor	0,50
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	1
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 HAAS-1200 Test Report

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3321 y=0.3533/u'=0.2020 v'=0.4836

CCT=5518K(Duv=0.0063) Dominant WL:Ld =551.5nm WL:Lc = --nm Purity=5.7%

Ratio:R=14.3% G=81.0% B=4.6%¡¡Peak WL:Lp=446.6nm FWHM=20.5nm

Render Index:Ra=81.7

R1 =79	R2 =85	R3 =90	R4 =83	R5 =81	R6 =81	R7 =87
R8 =68	R9 =3	R10=65	R11=83	R12=64	R13=80	R14=95 R15=73

Photo Parameters:

Flux = 944.2 lm Eff. : 101.50 lm/W Fe = 2.955 W

Electrical parameters:

V = 220.05 V I = 0.04660 A P = 9.303 W PF = 0.9072

WHITE:ANSI_5700K

Status: Integral T = 46 ms Ip = 51385 (78%)

Model:LED FLOODLIGHT	Number:98VEGA10SLIM
Tester:Atanas DAKOV	Date:2020-12-14 14:59:08
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7083