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: 98VEGA100SLIME

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:	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	100	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)	8 580 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	98,5	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	81
Outer dimensions without — Height	190	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	280		
Outer dimensions without — Depth	28		

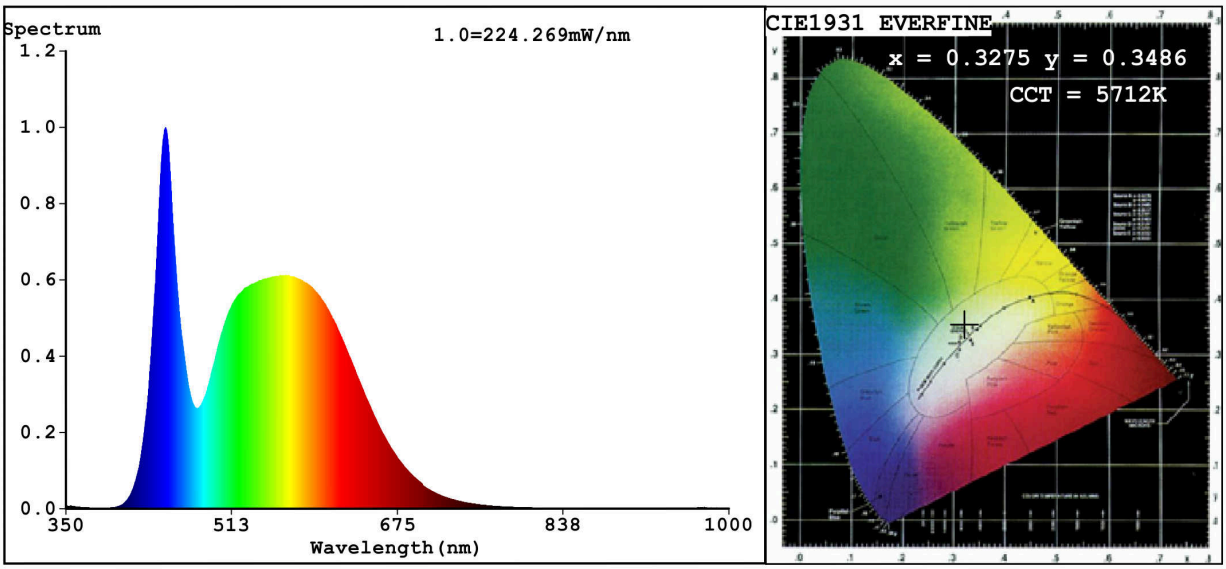
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,332 0,351
Parameters for directional light sources:				
Peak luminous intensity (cd)		447	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		17	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	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=0.3275 y=0.3486/u'=0.2007 v'=0.4806

CCT=5712K(Duv=0.0060) Dominant WL:Ld =529.8nm WL:Lc = --nm Purity=3.2%

Ratio:R=14.0% G=81.2% B=4.8%¡¡Peak WL:Lp=447.9nm FWHM=26.1nm

Render Index:Ra=81.7

R1 =79	R2 =85	R3 =90	R4 =83	R5 =81	R6 =81	R7 =87	
R8 =68	R9 =2	R10=65	R11=82	R12=63	R13=80	R14=95	R15=73

Photo Parameters:

Flux = 8935 lm Eff. : 97.26 lm/W Fe = 28.14 W

Electrical parameters:

V = 219.63 V I = 0.4632 A P = 91.86 W PF = 0.9030

WHITE:ANSI_5700K

Status: Integral T = 4 ms Ip = 37576 (57%)

Model:LED FLOODLIGHT	Number:98VEGA100SLIM
Tester:Atanas DAKOV	Date:2021-02-01 08:44:32
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7291