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: 98VEGA10SENSLIM

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

Product parameters

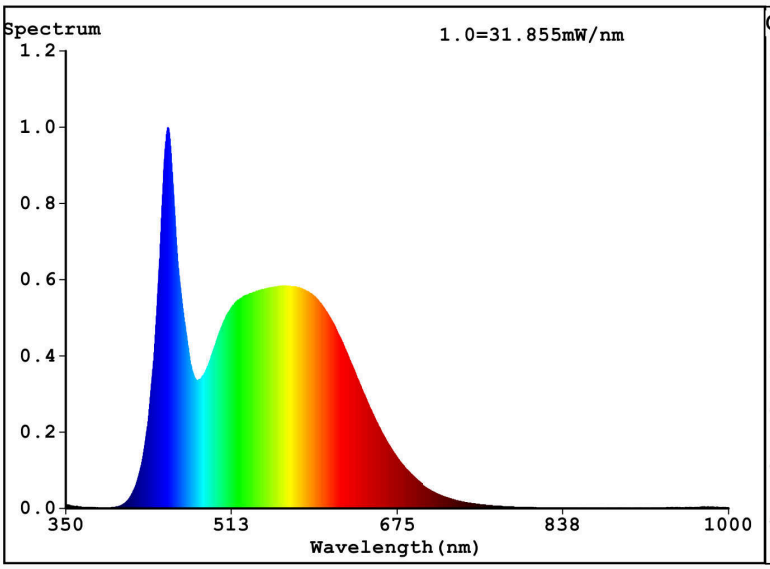
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	10	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 000 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	6 000
On-mode power (P_{on}), expressed in W	9,5	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,50
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	0,50	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	84
Outer dimensions without — Height	90	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	120		
Outer dimensions without — Depth	25		

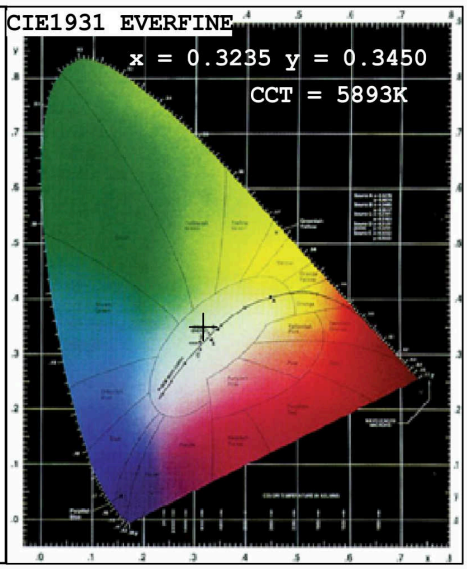
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,323 0,345
Parameters for directional light sources:				
Peak luminous intensity (cd)		450	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		11	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	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)		0,0	Stroboscopic effect metric (SVM)	0,0

[a] '-' : not applicable;

[b] '-' : not applicable;

Spectrum Test Report





Color Parameters:

Chromaticity Coordinate:x=0.3235 y=0.3450/u'=0.1993 v'=0.4782

CCT=5893K(Duv=0.0061) Dominant WL:Ld =508.3nm WL:Lc = --nm Purity=3.0%

Ratio:R=14.1% G=80.3% B=5.5%¡¡Peak WL:Lp=450.3nm FWHM=27.5nm

Render Index:Ra=84.8

R1 =82	R2 =89	R3 =94	R4 =85	R5 =84	R6 =86	R7 =89	
R8 =70	R9 =11	R10=74	R11=84	R12=67	R13=84	R14=97	R15=77

Photo Parameters:

Flux = 1238 lm Eff. : 129.59 lm/W Fe = 3.974 W

Electrical parameters:

V = 220.11 V I = 0.04736 A P = 9.551 W PF = 0.9162

WHITE:ANSI_5700K

Status: Integral T = 50 ms Ip = 46938 (72%)

Model:LED FLOODLIGHT	Number:98VEGA10SENSLIM
Tester:Atanas DAKOV	Date:2020-07-30 15:02:22
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:6708