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: 98VEGA50SENSLIM

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:	Yes		
Anti-glare shield:	No	Dimmable:	No

Product parameters

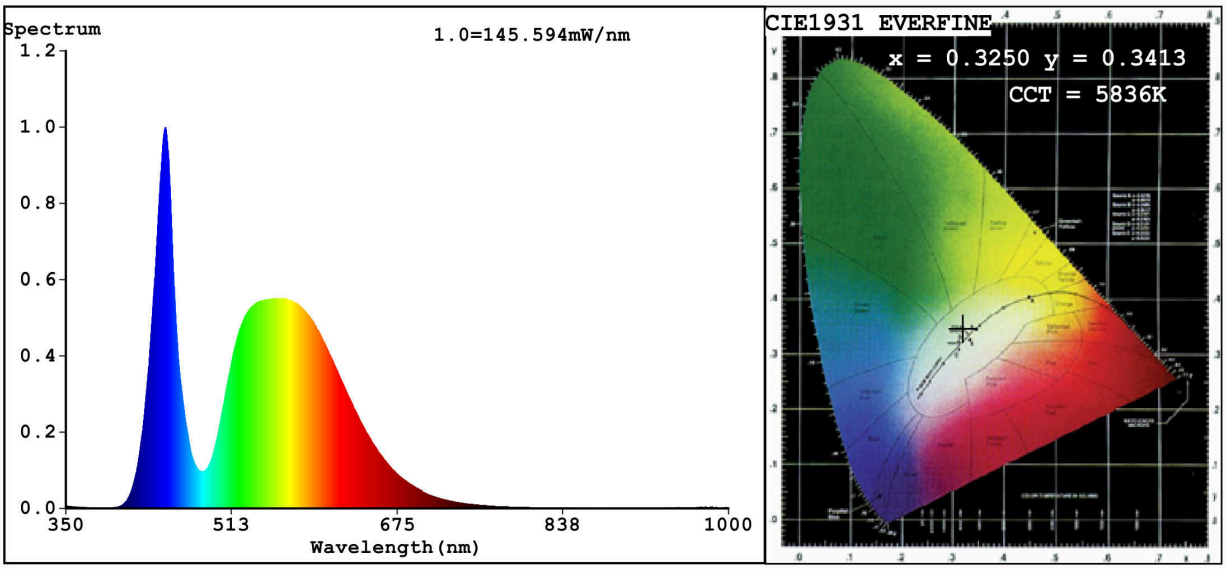
Parameter		Value	Parameter	Value
General product parameters:				
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer		50	Energy efficiency class	E
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)		4 700 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		48,0	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	71
Outer dimensions without separate control gear, lighting control	Height	145	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width	200		
	Depth	26		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,325 0,341
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		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	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;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3250 y=0.3413/u'=0.2017 v'=0.4766

CCT=5836K(Duv=0.0035) Dominant WL:Ld =504.8nm WL:Lc = --nm Purity=2.5%

Ratio:R=12.8% G=83.9% B=3.3%¡¡Peak WL:Lp=447.6nm FWHM=23.4nm

Render Index:Ra=71.3

R1 =70	R2 =74	R3 =77	R4 =73	R5 =71	R6 =66	R7 =80	
R8 =59	R9 =0	R10=39	R11=72	R12=43	R13=69	R14=87	R15=64

Photo Parameters:

Flux = 4864 lm Eff. : 105.69 lm/W Fe = 14.85 W

Electrical parameters:

V = 219.98 V I = 0.2137 A P = 46.02 W PF = 0.9789

WHITE:ANSI_5700K

Status: Integral T = 6 ms Ip = 37751 (58%)

Model:LED FLOODLIGHT	Number:98VEGA50SENSLIM
Tester:Atanas DAKOV	Date:2020-05-21 14:56:26
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:6475