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: 98VEGA30WW/WH

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

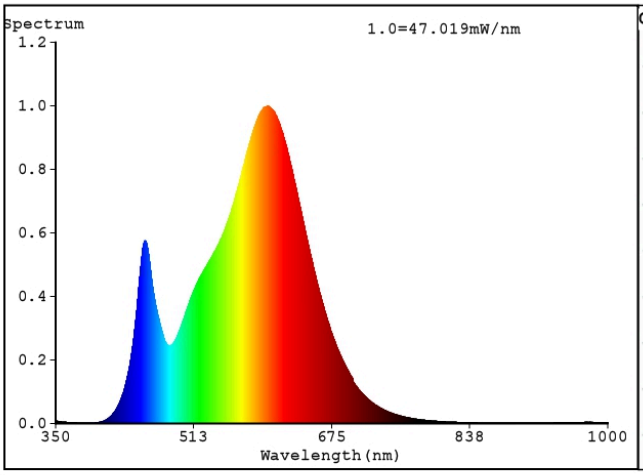
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	30	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	2 300 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	3 000
On-mode power (P_{on}), expressed in W	29,0	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	0,20	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	105	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Outer dimensions without separate control gear, lighting control — Width	35		
Outer dimensions without separate control gear, lighting control — Depth	85		

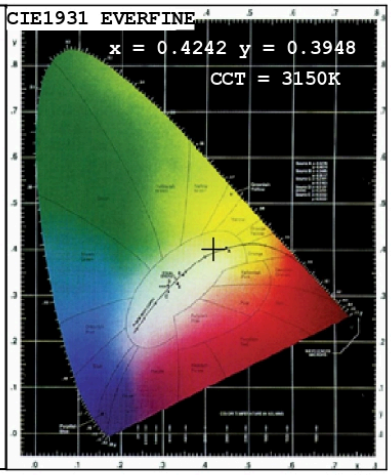
parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,424 0,394
Parameters for directional light sources:				
Peak luminous intensity (cd)		827	Beam angle in degrees, or the range of beam angles that can be set	107
Parameters for LED and OLED light sources:				
R9 colour rendering index value		1	Survival factor	0,50
the lumen maintenance factor		0,95		
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.		-[(b)]	If yes then replacement claim (W)	-
Flicker metric (Pst LM)		0,0	Stroboscopic effect metric (SVM)	0,2

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

Spectrum Test Report





Color Parameters:

Chromaticity Coordinate:x=0.4242 y=0.3948/u'=0.2463 v'=0.5158

CCT=3150K(Duv=-0.0019) Dominant WL:Ld =582.9nm WL:Lc = --nm Purity=45.8%

Ratio:R=21.9% G=75.1% B=3.0%¡¡Peak WL:Lp=600.5nm FWHM=124.8nm

Render Index:Ra=81.3

R1 =80	R2 =92	R3 =94	R4 =78	R5 =80	R6 =90	R7 =81	
R8 =56	R9 =1	R10=81	R11=76	R12=72	R13=83	R14=98	R15=73

Photo Parameters:

Flux = 2323 lm Eff. : 79.87 lm/W Fe = 7.080 W

Electrical parameters:

V = 229.71 V I = 0.1362 A P = 29.09 W PF = 0.9294

WHITE:ANSI_3000K

Status: Integral T = 17 ms Ip = 39839 (61%)

Model:LED Floodlight VEGA	Number:98VEGA30WW/WH
Tester:EB	Date:2023-03-06 11:44:10
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:0922B