Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: STELLAR

Supplier's address: ELMARK INDUSTRIES SC, bul.Dobrudja 2, 9300 Dobrich Dobrich, BG

Model identifier: 98HELIOS100E

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)	9 000 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	98,0	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	78
Outer dimensions without — Height	300	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	205		
Outer dimensions without — Depth	30		

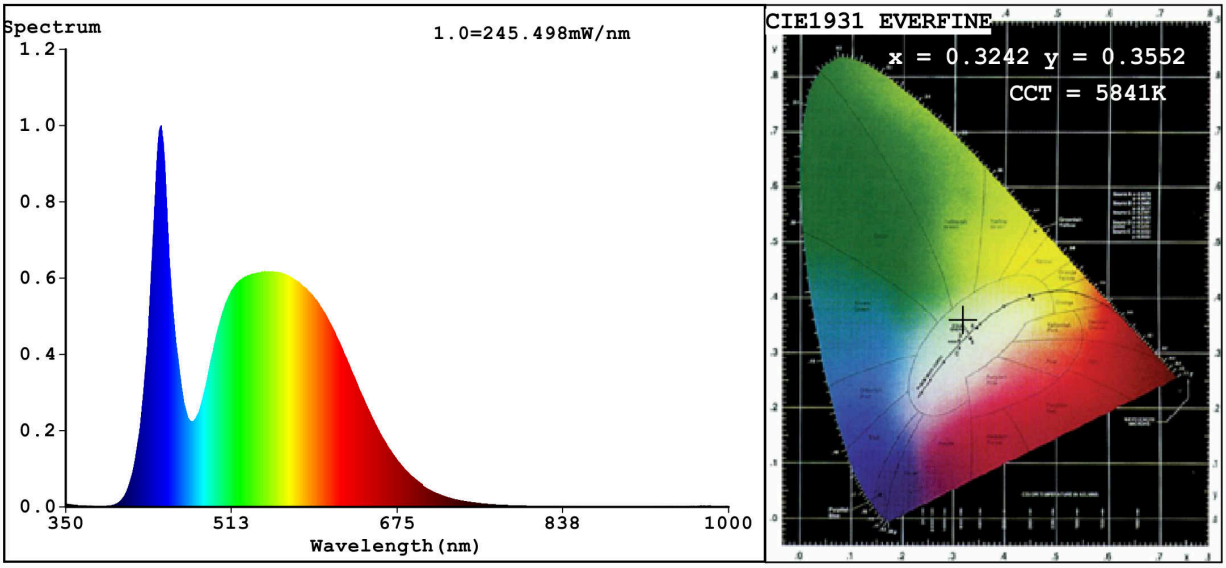
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,324 0,355
Parameters for directional light sources:				
Peak luminous intensity (cd)		443	Beam angle in degrees, or the range of beam angles that can be set	120
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)		0,6	Stroboscopic effect metric (SVM)	0,2

[a] '-' : not applicable;

[b] '-' : not applicable;

EVERFINE HAAS-1200 Test Report

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3242 y=0.3552/u'=0.1961 v'=0.4833

CCT=5841K(Duv=0.0107) Dominant WL:Ld =527.1nm WL:Lc = --nm Purity=4.5%

Ratio:R=13.2% G=82.2% B=4.6%¡¡Peak WL:Lp=443.8nm FWHM=24.0nm

Render Index:Ra=78.8

R1 =75	R2 =81	R3 =88	R4 =80	R5 =78	R6 =78	R7 =85	
R8 =65	R9 =0	R10=58	R11=81	R12=64	R13=76	R14=94	R15=68

Photo Parameters:

Flux = 9766 lm Eff. : 97.78 lm/W Fe = 30.45 W

Electrical parameters:

V = 219.81 V I = 0.4670 A P = 99.87 W PF = 0.9730

WHITE:OUT

Status: Integral T = 4 ms Ip = 42055 (64%)

Model:LED FLOODLIGHT	Number:98HELIOS100
Tester:Atanas DAKOV	Date:2020-12-14 13:46:58
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7084