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: 98HELIOS200

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:	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	200	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)	14 000 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	190,0	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	-	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	360	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	280		
Depth	42		

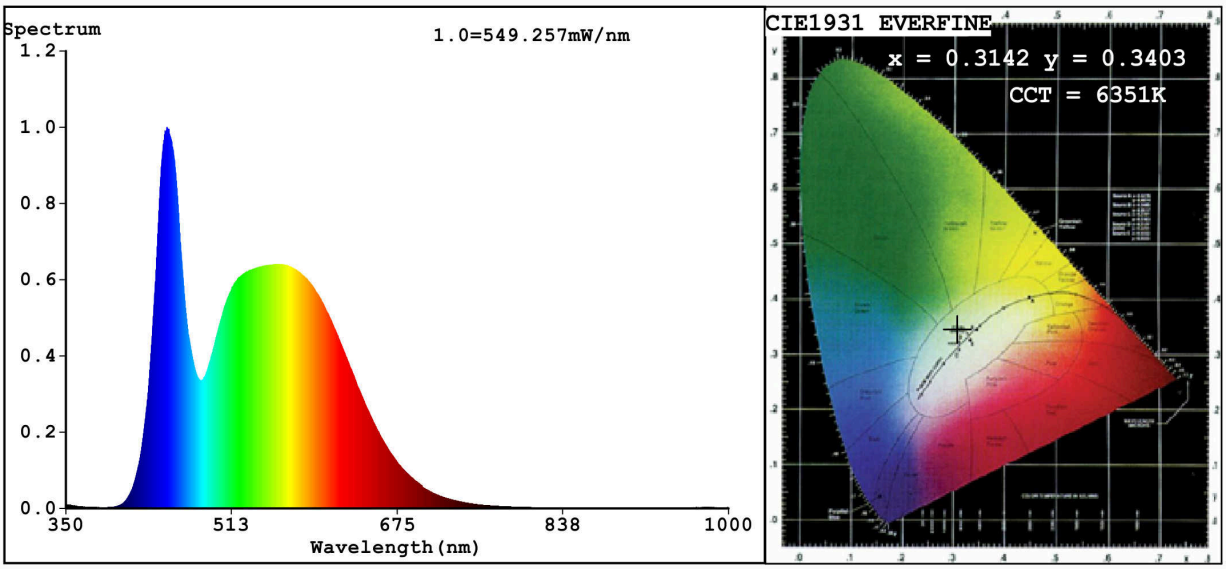
parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,314 0,340
Parameters for directional light sources:				
Peak luminous intensity (cd)		4 092	Beam angle in degrees, or the range of beam angles that can be set	115
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)	0,4

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

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

EVERFINE HAAS-1200 Test Report

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3142 y=0.3403/u'=0.1947 v'=0.4744

CCT=6351K(Duv=0.0081) Dominant WL:Ld =496.4nm WL:Lc = --nm Purity=6.1%

Ratio:R=12.9% G=81.6% B=5.5%¡¡Peak WL:Lp=449.2nm FWHM=32.6nm

Render Index:Ra=81.5

R1 =78	R2 =86	R3 =92	R4 =81	R5 =80	R6 =82	R7 =88	
R8 =67	R9 =0	R10=67	R11=80	R12=62	R13=80	R14=96	R15=72

Photo Parameters:

Flux = 22846 lm Eff. : 119.46 lm/W Fe = 72.80 W

Electrical parameters:

V = 219.52 V I = 0.8773 A P = 191.2 W PF = 0.9930

WHITE:ANSI_6500K

Status: Integral T = 2 ms Ip = 32601 (50%)

Model:LED FLOODLGHT	Number:98HELIOS200
Tester:Atanas DAKOV	Date:2020-08-03 13:26:06
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:6406