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: 955HENDRIX1P

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

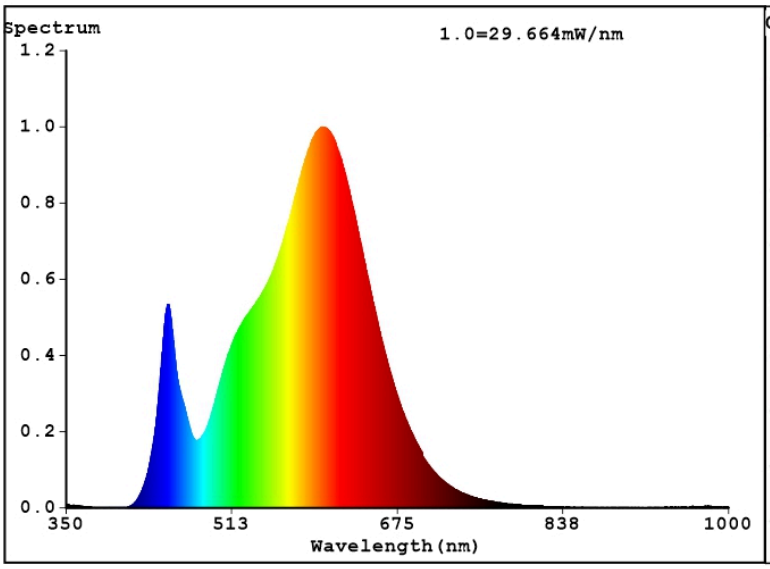
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	21	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 440 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	19,5	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	82
Outer dimensions without separate control gear, lighting control — Height	1 500	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	350		
Outer dimensions without separate control gear, lighting control — Depth	350		

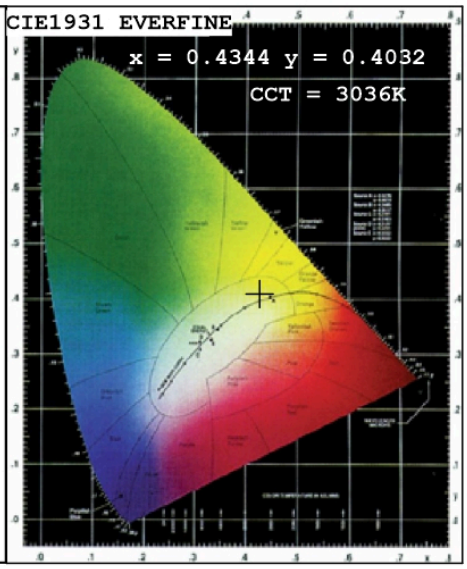
parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,434 0,403
Parameters for directional light sources:				
Peak luminous intensity (cd)		601	Beam angle in degrees, or the range of beam angles that can be set	110
Parameters for LED and OLED light sources:				
R9 colour rendering index value		3	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	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=0.4344 y=0.4032/u'=0.2493 v'=0.5207

CCT=3036K(Duv=0.0000) Dominant WL:Ld =582.7nm WL:Lc = --nm Purity=51.4%

Ratio:R=22.6% G=74.9% B=2.5%¡¡Peak WL:Lp=601.5nm FWHM=128.7nm

Render Index:Ra=82.2

R1 =80	R2 =90	R3 =97	R4 =81	R5 =81	R6 =88	R7 =82	
R8 =58	R9 =3	R10=78	R11=80	R12=71	R13=83	R14=99	R15=72

Photo Parameters:

Flux = 1447 lm Eff. : 74.21 lm/W Fe = 4.364 W

Electrical parameters:

V = 220.09 V I = 0.09316 A P = 19.50 W PF = 0.9510

WHITE:ANSI_3000K

Status: Integral T = 68 ms Ip = 51236 (78%)

Model:CHANDELIER	Number:955HENDRIX1P
Tester:Atanas DAKOV	Date:2020-07-27 11:36:15
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:6716