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: 99MIRRORS4

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
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

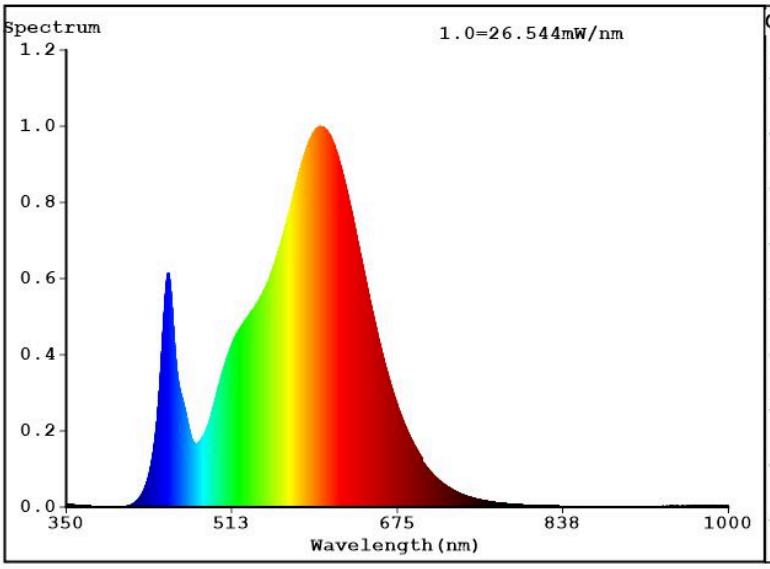
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	17	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 300 in Sphere (360°)	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	4 000
On-mode power (P_{on}), expressed in W	17,5	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	84
Outer dimensions without separate control gear, lighting control — Height	810	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	660		
Depth	140		

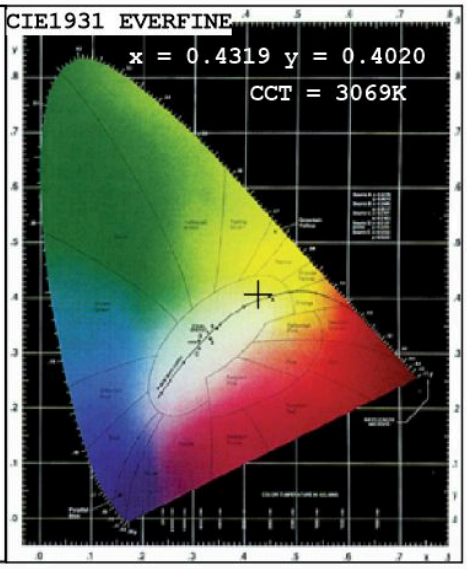
parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,431 0,402
Parameters for LED and OLED light sources:				
R9 colour rendering index value		0	Survival factor	0,50
the lumen maintenance factor		0,95		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,40	Colour consistency in McAdam ellipses	5
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=0.4319 y=0.4020/u'=0.2482 v'=0.5198

CCT=3069K(Duv=-0.0001) Dominant WL:Ld =582.6nm WL:Lc = --nm Purity=50.3%

Ratio:R=22.1% G=75.4% B=2.5%¡¡Peak WL:Lp=599.5nm FWHM=123.1nm

Render Index:Ra=80.4

R1 =78	R2 =89	R3 =96	R4 =78	R5 =79	R6 =87	R7 =81	
R8 =54	R9 =0	R10=76	R11=78	R12=68	R13=81	R14=98	R15=70

Photo Parameters:

Flux = 1296 lm Eff. : 73.96 lm/W Fe = 3.847 W

Electrical parameters:

V = 229.86 V I = 0.1731 A P = 17.52 W PF = 0.4402

WHITE:ANSI_3000K

Status: Integral T = 28 ms Ip = 36312 (55%)

Model:LIGHTING SOLUTIONS	Number:99MIRRORS4
Tester:Atanas DAKOV	Date:2022-11-18 13:43:47
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:8949