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: 95ASIA24LED

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:	Yes		
Anti-glare shield:	No	Dimmable:	No

Product parameters

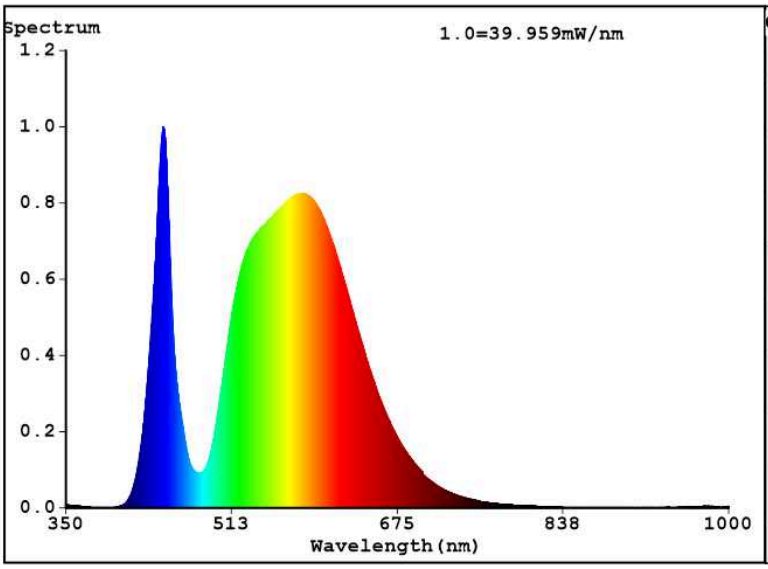
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	21	Energy efficiency class	E
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 900 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	17,0	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	71
Outer dimensions without separate control gear, lighting control — Height	350	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	55		
Depth	55		

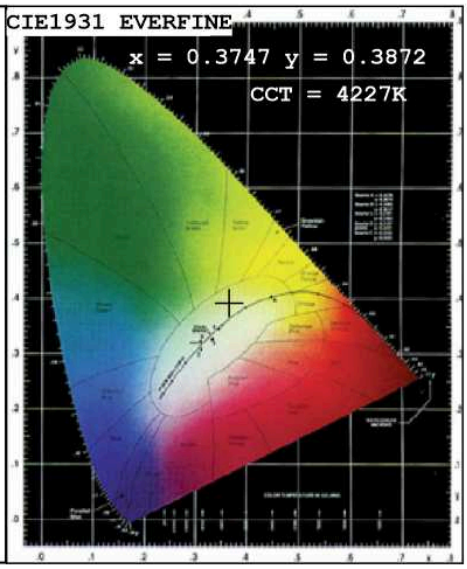
parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,374 0,387
Parameters for LED and OLED light sources:				
R9 colour rendering index value		0	Survival factor	0,50
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,30	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)		0,6	Stroboscopic effect metric (SVM)	0,2

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

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

Spectrum Test Report





Color Parameters:

Chromaticity Coordinate:x=0.3747 y=0.3872/u'=0.2173 v'=0.5053

CCT=4227K(Duv=0.0065) Dominant WL:Ld =574.8nm WL:Lc = --nm Purity=28.7%

Ratio:R=15.8% G=82.0% B=2.1%¡¡Peak WL:Lp=445.6nm FWHM=20.1nm

Render Index:Ra=71.5 AvgR=63.2 TM30:Rf=75 Rg=94 Lav=565.0nm

R1 =69	R2 =76	R3 =82	R4 =73	R5 =69	R6 =67	R7 =81	
R8 =55	R9 =0	R10=43	R11=70	R12=41	R13=69	R14=90	R15=62

Photo Parameters:

Flux = 1955 lm Eff. : 116.77 lm/W Fe = 5.605 W

Electrical parameters:

V = 225.13 V I = 0.2301 A P = 16.74 W PF = 0.3232

WHITE:ANSI_4000K

Status: Integral T = 34 ms Ip = 45711 (70%)

Model: CEILING LAMP
Tester:Atanas DAKOV
Temperature:25.3Deg
Manufacturer:ELMARK

Number:95ASIA24LED
Date:2021-11-17 08:32:47
Humidity:65.0%
Remarks:7809