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: 92DLTS1230/WH

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

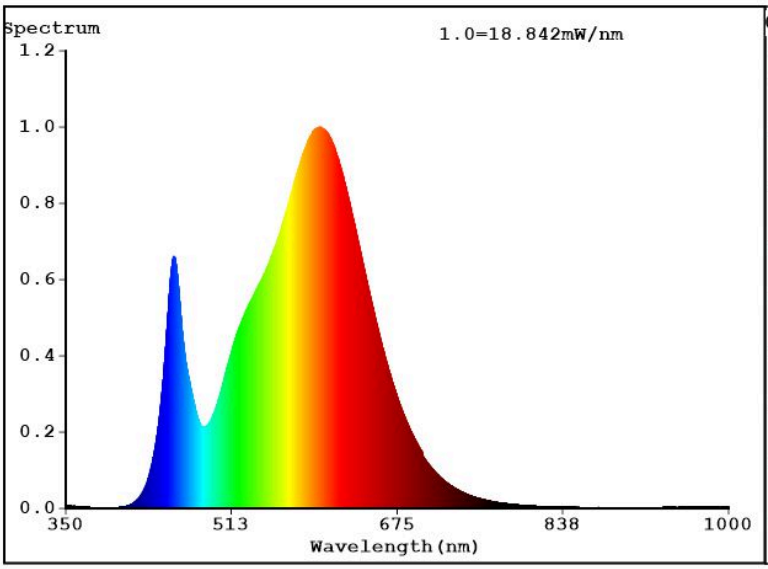
Parameter		Value	Parameter	Value
General product parameters:				
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer		12	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)		840 in Narrow cone (90°)	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		11,8	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	80
Outer dimensions without separate control gear, lighting control	Height	110	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width	60		
	Depth	60		

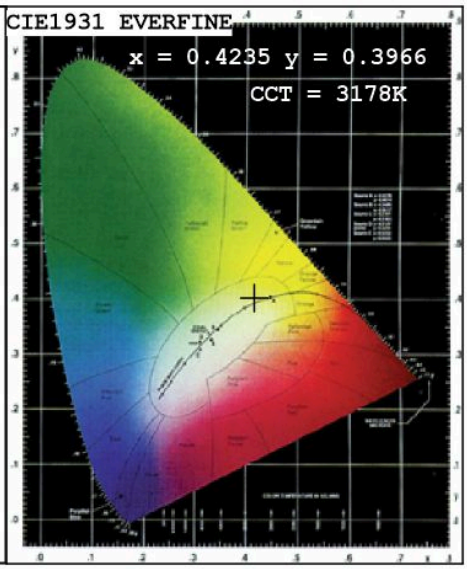
parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,423 0,396
Parameters for directional light sources:				
Peak luminous intensity (cd)		598	Beam angle in degrees, or the range of beam angles that can be set	24
Parameters for LED and OLED light sources:				
R9 colour rendering index value		1	Survival factor	0,50
the lumen maintenance factor		0,95		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,50	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=0.4235 y=0.3966/u'=0.2451 v'=0.5164

CCT=3178K(Duv=-0.0010) Dominant WL:Ld =582.5nm WL:Lc = --nm Purity=46.1%

Ratio:R=21.6% G=75.6% B=2.8%¡¡Peak WL:Lp=598.8nm FWHM=129.7nm

Render Index:Ra=80.7

R1 =79	R2 =90	R3 =96	R4 =77	R5 =79	R6 =87	R7 =82	
R8 =57	R9 =1	R10=77	R11=74	R12=64	R13=82	R14=98	R15=72

Photo Parameters:

Flux = 947.1 lm Eff. : 79.85 lm/W Fe = 2.864 W

Electrical parameters:

V = 229.77 V I = 0.09565 A P = 11.86 W PF = 0.5397

WHITE:ANSI_3000K

Status: Integral T = 48 ms Ip = 45106 (69%)

Model:LED DOWNLIGHT FIXTURES	Number:92DLTS1230 WH
Tester:Atanas DAKOV	Date:2023-01-10 16:22:37
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:8840