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: 92DL84TS0540/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

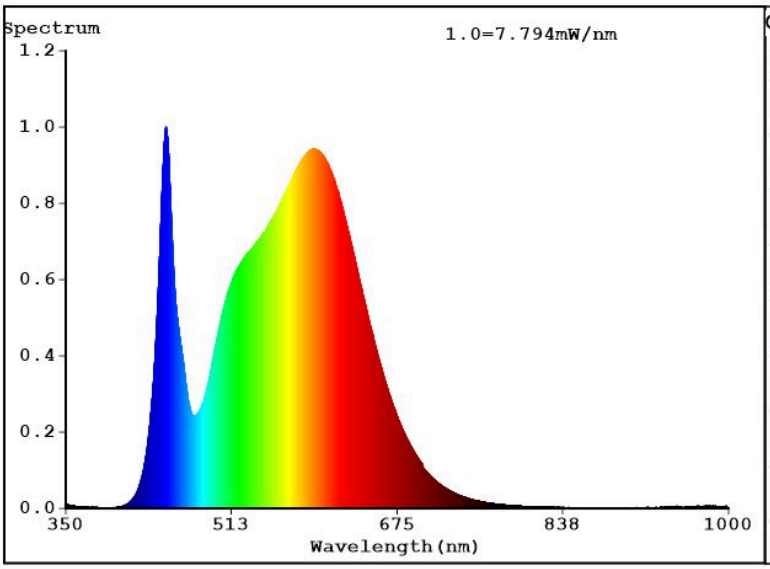
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	350 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	4 000
On-mode power (P_{on}), expressed in W	5,6	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	51	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	60		
Depth	60		

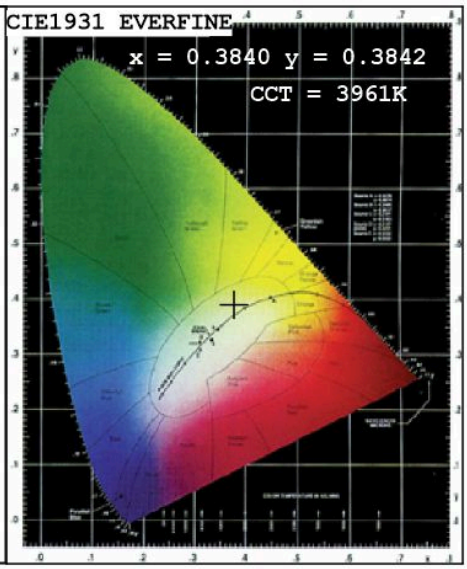
parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,384 0,384
Parameters for directional light sources:				
Peak luminous intensity (cd)		448	Beam angle in degrees, or the range of beam angles that can be set	24
Parameters for LED and OLED light sources:				
R9 colour rendering index value		3	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=0.3840 y=0.3842/u'=0.2244 v'=0.5054

CCT=3961K(Duv=0.0025) Dominant WL:Ld =578.0nm WL:Lc = --nm Purity=30.5%

Ratio:R=18.2% G=78.4% B=3.4%¡¡Peak WL:Lp=448.5nm FWHM=20.3nm

Render Index:Ra=82.3

R1 =80	R2 =88	R3 =95	R4 =82	R5 =81	R6 =84	R7 =86	
R8 =63	R9 =3	R10=72	R11=82	R12=63	R13=82	R14=97	R15=73

Photo Parameters:

Flux = 421.1 lm Eff. : 74.95 lm/W Fe = 1.263 W

Electrical parameters:

V = 229.90 V I = 0.04584 A P = 5.618 W PF = 0.5332

WHITE:ANSI_4000K

Status: Integral T = 116 ms Ip = 42986 (66%)

Model:LED DOWNLIGHT FIXTURES	Number:92DL84TS0540 WH
Tester:Atanas DAKOV	Date:2023-01-09 16:08:16
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:8840