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: 9WF36CW

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

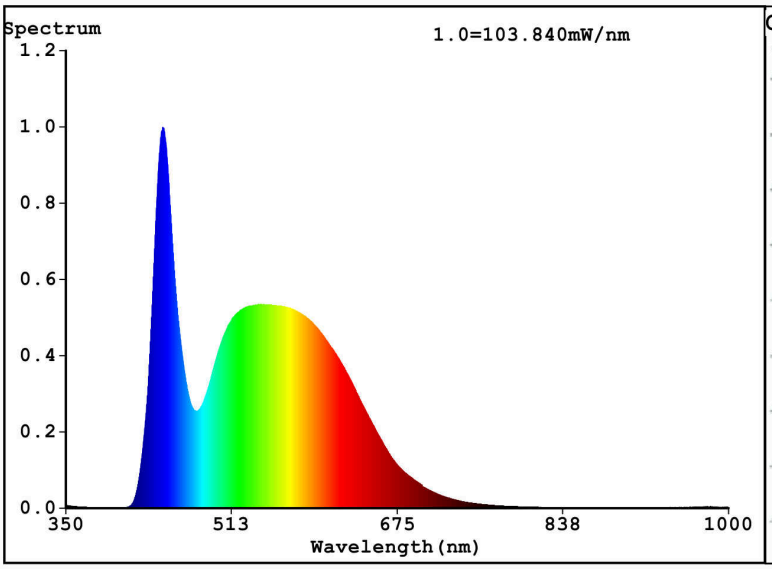
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	36	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	3 600 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	6 500
On-mode power (P_{on}), expressed in W	36,6	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	83
Outer dimensions without — Height	1 230	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	55		
Outer dimensions without — Depth	35		

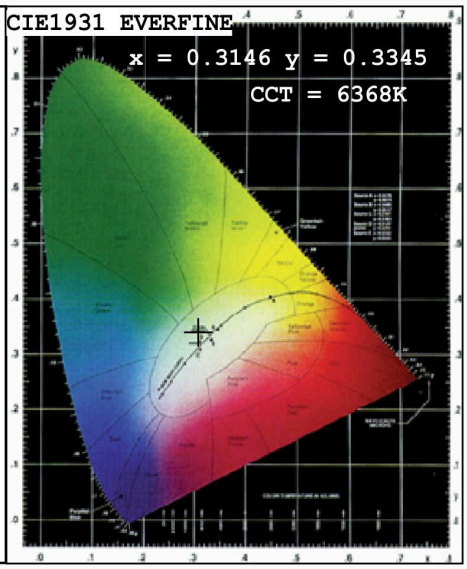
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,314 0,334
Parameters for directional light sources:				
Peak luminous intensity (cd)		445	Beam angle in degrees, or the range of beam angles that can be set	120
Parameters for LED and OLED light sources:				
R9 colour rendering index value		12	Survival factor	0,50
the lumen maintenance factor		0,93		
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=0.3146 y=0.3345/u'=0.1971 v'=0.4715

CCT=6368K(Duv=0.0051) Dominant WL:Ld =492.5nm Purity=6.3%

Ratio:R=13.5% G=81.3% B=5.3%¡¡Peak WL:Lp=445.2nm FWHM=26.2nm

Render Index:Ra=83.1

R1 =81	R2 =85	R3 =89	R4 =85	R5 =83	R6 =82	R7 =88	
R8 =72	R9 =12	R10=66	R11=85	R12=66	R13=82	R14=94	R15=76

Photo Parameters:

Flux = 3638 lm Eff. : 99.41 lm/W Fe = 11.85 W

Electrical parameters:

V = 229.97 V I = 0.1622 A P = 36.60 W PF = 0.9813

WHITE:ANSI_6500K

Status: Integral T = 9 ms Ip = 50886 (78%)

Model:WADE FIXTURE IP65/36W	Number:9WF36CW
Tester:Petya Marinova	Date:2018-08-28 13:11
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:O18V008B_4728