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: 95BLN2040/BK

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

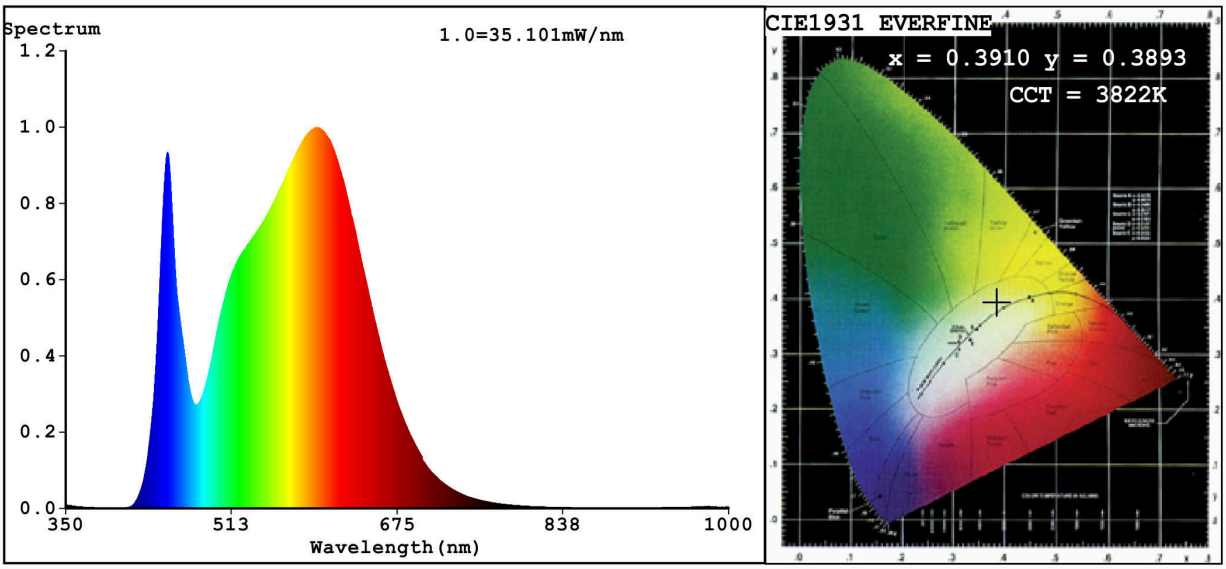
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	20	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 800 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	4 000
On-mode power (P_{on}), expressed in W	19,2	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 separate control gear, lighting control — Height	210	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	210		
Depth	52		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,391 0,389
Parameters for LED and OLED light sources:				
R9 colour rendering index value		9	Survival factor	0,40
the lumen maintenance factor		0,90		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,50	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)		1,0	Stroboscopic effect metric (SVM)	0,4

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

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

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3910 y=0.3893/u'=0.2270 v'=0.5086

CCT=3822K(Duv=0.0029) Dominant WL:Ld =578.4nm WL:Lc = --nm Purity=34.2%

Ratio:R=18.8% G=77.8% B=3.4%¡¡Peak WL:Lp=595.5nm FWHM=151.7nm

Render Index:Ra=83.5

R1 =81	R2 =89	R3 =96	R4 =83	R5 =82	R6 =86	R7 =87	
R8 =65	R9 =9	R10=75	R11=82	R12=64	R13=83	R14=98	R15=75

Photo Parameters:

Flux = 2004 lm Eff. : 104.39 lm/W Fe = 6.036 W

Electrical parameters:

V = 219.95 V I = 0.1573 A P = 19.20 W PF = 0.5548

WHITE:ANSI_4000K

~~Status: Integral T = 29 ms Ip = 49587 (76%)~~

Model:LED BULKHEAD LAMP	Number:95BLN2040/WH
Tester:Atanas DAKOV	Date:2021-03-17 09:46:28
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7455