

# Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

**Supplier's name or trade mark:** J&EL

**Supplier's address:** customer service, Nedre kalbakkvei 88B, 1081 Oslo, NO

**Model identifier:** 3220290

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	Terminal		
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:	Yes

## Product parameters

Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	6	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	520 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	2 700 or 3 200 or 4 000
On-mode power ( $P_{on}$ ), expressed in W	6,5	Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal	0,50
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	90
Outer dimensions without separate control gear, lighting control	Height	49	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	90	
	Depth	90	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power <sup>(a)</sup>	Yes	If yes, equivalent power (W)	6
		Chromaticity coordinates (x and y)	0,450 0,400
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	801	Beam angle in degrees, or the range of beam angles that can be set	38
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	67	Survival factor	0,90
the lumen maintenance factor	0,96		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi$ 1)	0,50	Colour consistency in McAdam ellipses	3
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)	0,1	Stroboscopic effect metric (SVM)	0,2

(a) : not applicable;

(b) : not applicable;

## Spectrum Test Report

Sample : 0  
Specification : 3222259  
Sample No. : 1  
Manufacturer : EVERFINE

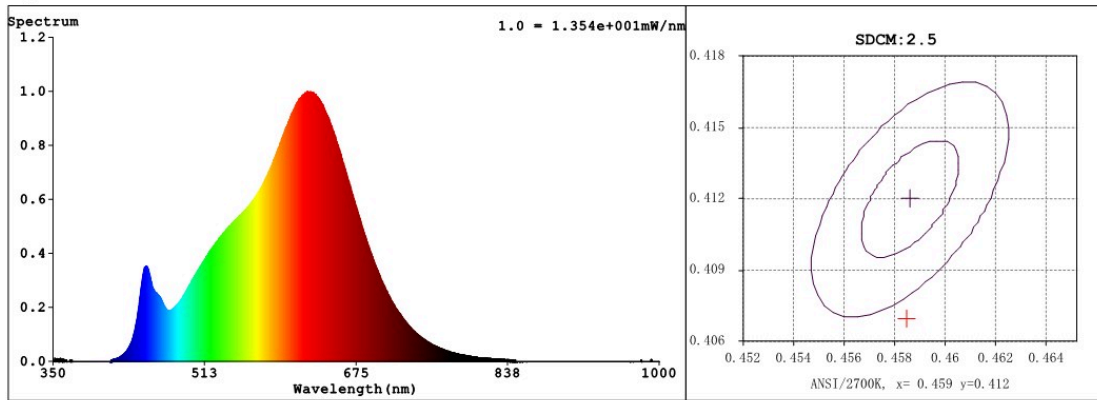
Date : 2021-01-17 17:31:17  
Sam. Status :  
Instrument : HAAS-2000(EVERFINE)  
Test by : DAMIN  
Assessor : damin

### Test Condition

Temperature : 85Deg  
WL Range : 350nm-1000nm  
Test Mode : Fast Test

RH : 65.0%  
IP : 52178 (80%)  
T : 466 ms  
Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4589$   $y = 0.4073$  /  $u' = 0.2634$   $v' = 0.5259$  ( $duv = -1.15e-03$ )  $Dx, Dy: -0.0020, -0.0036$

CCT= 2688K Prcp WL:  $L_d = 584.7nm$  Purity=60.0%

Peak WL:  $L_p = 623nm$  FWHM: =142.6nm Ratio: R=27.0% G=70.4% B=2.6%

Render Index:  $R_a = 95.0$  AvgR = 93.2 TM30:Rf=93 Rg=101

R1 =96 R2 =99 R3 =99 R4 =96 R5 =96 R6 =97 R7 =92

R8 =84 R9 =67 R10=96 R11=98 R12=89 R13=97 R14=99 R15=92

LEVEL:OUT WHITE:ANSI\_2700K

### Photometric & Radiometric Parameters

Flux = 597.63 lm Eff. : 83.87 lm/W  $F_e = 2.1519 W$

(EQE):2989.5%

Flux of emitted photons( $\mu mol/s$ ):10.693 Fluo. and blue light ratio:14.78 Fluorescent eff.:250.7

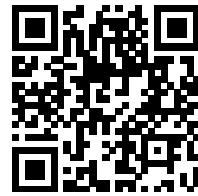
B:  $2.1519e+003mW$

### Electrical parameters

V = 230.7 V I = 0.03486 A P = 7.126 W PF = 0.8861

Kdisp(IEC) = 0 Freq=49.99 Hz

Model placed on the Union market from 05/11/2022



**EPREL registration number:** 1395895

<https://eprel.ec.europa.eu/qr/1395895>

**Supplier:** NAMRON AS (Importer)

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