

# Product Information Sheet

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

**Supplier's name or trade mark:** Electraline

**Supplier's address:** Electraline 3pMark S.p.A., Via dell'Artigianato 2, 20863 Concorezzo Monza Brianza, IT

**Model identifier:** 363422

## Type of light source:

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

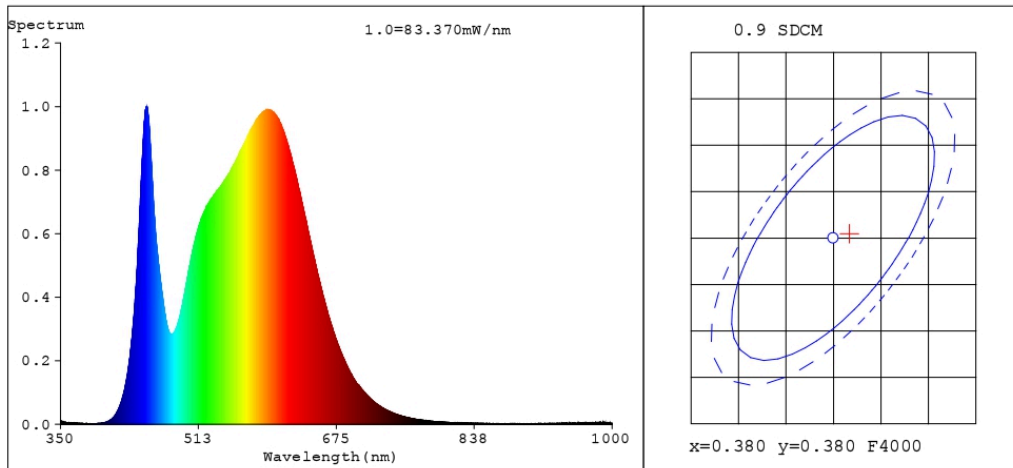
|  |                           |  |   |
|--|---------------------------|--|---|
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer  | 50                        | Energy efficiency class  | F   |
| Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 4 072 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 | 4 047   |
| On-mode power ( $P_{on}$ ), expressed in W   | 48,6                      | Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal   | 0,90  |
| 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, light-   | Height                    | 285  | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
|  | Width                     | 190  |   |
|  | Depth                     | 185  |   |
|  |                           |  | See image in last page  |

|   |                   |  |                |
|---|-------------------|--|----------------|
| ing control parts and non-lighting control parts, if any (millimetre)   |                   |  |                |
| Claim of equivalent power <sup>(a)</sup>  | -                 | If yes, equivalent power (W)                                       | -              |
|   |                   | Chromaticity coordinates (x and y)                                 | 0,380<br>0,380 |
| <b>Parameters for directional light sources:</b>  |                   |  |                |
| Peak luminous intensity (cd)  | 1 682             | Beam angle in degrees, or the range of beam angles that can be set | 118            |
| <b>Parameters for LED and OLED light sources:</b>   |                   |  |                |
| R9 colour rendering index value   | 9                 | Survival factor  | 1,00           |
| the lumen maintenance factor  | 0,96              |  |                |
| <b>Parameters for LED and OLED mains light sources:</b>   |                   |  |                |
| displacement factor (cos $\phi_1$ )   | 0,99              | Colour consistency in McAdam ellipses                              | 1              |
| Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage. | .. <sup>(b)</sup> | If yes then replacement claim (W)                                  | -              |
| Flicker metric (Pst LM)   | 0,0               | Stroboscopic effect metric (SVM)                                   | 3,2            |

(a)'.': not applicable;

(b)'.': not applicable;

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3817$   $y=0.3804$   $u'=0.2245$   $v'=0.5034$   
 Tc=3993K(Duv=0.0013) Dominant WL:Ld =578.4nm Purity=28.7%  
 Ratio:R=19.8% G=77.0% B=3.2% Peak WL:Lp=451.5nm FWHM=25.4nm  
 Render Index:Ra=83.2  
 R1 =81 R2 =89 R3 =95 R4 =82 R5 =81 R6 =85 R7 =87  
 R8 =65 R9 =9 R10=74 R11=81 R12=62 R13=83 R14=97 R15=75

**Photo Parameters:**

Flux = 4780 lm Eff. : 98.35 lm/W Fe = 14.52 W

**Electrical parameters:**

V = 230.0 V I = 0.2190 A P = 48.60 W PF = 0.9640

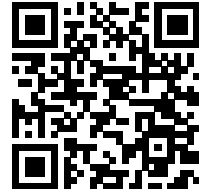
LEVEL:OUT WHITE:ANSI\_4000K

Status: Integral T = 14 ms Ip = 46286 (71%)

Model:BL2S50A1-E2  
 Tester:  
 Temperature:25.3Deg  
 Manufactory:

Number:1  
 Date:2021-06-17  
 Humidity:65.0%  
 Remarks:

Model placed on the Union market from 01/01/2021



**EPREL registration number:** 852603

<https://eprel.ec.europa.eu/qr/852603>

**Supplier:** Electraline 3pMark S.p.A. (Importer)

**Website:** [www.electraline.com](http://www.electraline.com)

**Customer care service:**

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