

# PRODUCT DATASHEET

## LS VAL -600/830/30/IP65

LED STRIP VALUE-600 30 meter reel | IP65 protected LED strips 30m long with 600 lm/m for general applications



### Areas of application

- General outdoor illumination
- Cove lighting
- Bars, restaurants, hotels
- Residential interiors

### Product benefits

- Long LED strips for customized solutions made to measure
- Great design freedom thanks to flexibility and cuttability of module
- Suitable for use in damp conditions thanks to high type of protection
- Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
- Maximum flexibility due to large range of accessories
- Easy installation, no tools required for connection

### Product features

- Flexible and cuttable LED strip
- Luminous flux: 600 lm/m
- Color rendering index  $R_a$ : > 80
- Lifetime (L70/B50): up to 20,000 h at  $T_c$  max.: 75°C
- Smallest cuttable unit: 100 mm
- Available with color temperature: 3,000 K, 4,000 K, 6,500 K
- Type of protection: IP65



– Dimmable with suitable drivers, see also [www.ledvance.com/dim](http://www.ledvance.com/dim)

|                           |                     |
|---------------------------|---------------------|
| Nominal wattage           | 27.50 W             |
| Construction wattage      | 27.50 W             |
| Nominal wattage per meter | 6.1 W <sup>1)</sup> |
| Nominal voltage           | 24 V                |
| Input voltage range       | 23...25 V           |
| Reverse Voltage           | 30 V                |
| Type of current           | DC                  |
| Nominal current           | 230 mA              |

## Photometrical data

|                                      |                       |
|--------------------------------------|-----------------------|
| Luminous efficacy                    | 90 lm/W <sup>1)</sup> |
| Luminous flux                        | 2500 lm               |
| Luminous flux per meter              | 560 lm <sup>1)</sup>  |
| Color temperature                    | 3000 K                |
| Color rendering index Ra             | > 80                  |
| Light color LED                      | White                 |
| Light color (designation)            | White                 |
| Standard deviation of color matching | ≤5 sdcm               |

## Light technical data

|            |       |
|------------|-------|
| Beam angle | 110 ° |
|------------|-------|

|                                  |    |
|----------------------------------|----|
| Number of LEDs per meter         | 60 |
| Number of LEDs per smallest unit | 6  |

|                         |                     |
|-------------------------|---------------------|
| Length                  | 30000.00 mm         |
| Length – smallest unit  | 100 mm              |
| Cable length            | 500.000             |
| Width                   | 10.00 mm            |
| Height                  | 4.00 mm             |
| Prewired                | Yes                 |
| Conductor cross section | 0.5 mm <sup>2</sup> |
| LED pitch               | 16.67 mm            |
| Short pitch             | No                  |
| Product weight          | 2200.00 g           |

### Colors & materials

|                |          |
|----------------|----------|
| Cover material | Silicone |
|----------------|----------|

### Temperatures & operating conditions

|                                      |              |
|--------------------------------------|--------------|
| Ambient temperature range            | -20...+40 °C |
| Maximum temperature at tc test point | 75 °C        |
| Temperature range in operation       | -20...+40 °C |

### Lifespan

|                        |         |
|------------------------|---------|
| Nominal lamp life time | 20000 h |
|------------------------|---------|

### Capabilities

|                       |                   |
|-----------------------|-------------------|
| Dimmable              | Yes <sup>1)</sup> |
| Lowest bending radius | 15,0 mm           |
| Self-adhesive         | Yes               |

<sup>1)</sup> Dimmable with suitable drivers, see also [www.ledvance.com/dim](http://www.ledvance.com/dim)

### Certificates & Standards

|                                          |                              |
|------------------------------------------|------------------------------|
| Approval marks – approval                | CE                           |
| Protection class                         | III                          |
| Type of protection                       | IP65                         |
| Energy consumption                       | 3.10 kWh/1000h <sup>1)</sup> |
| Energy class of contained light source   | G                            |
| Salt mist resistance acc. IEC 60068-2-52 | No                           |

|                                  |     |
|----------------------------------|-----|
| UV resistance acc. IEC 60068-2-5 | Yes |
|----------------------------------|-----|

1) Value based on 0.5 meter

LOGISTICAL DATA

|                              |              |
|------------------------------|--------------|
| Temperature range at storage | -20...+80 °C |
|------------------------------|--------------|

Accessories Optional

| Product image                                                                      | Product name                 | EAN           |
|------------------------------------------------------------------------------------|------------------------------|---------------|
|    | LS AY -10/SMB                | 4058075727618 |
|    | LS AY -CSD/P2/P              | 4058075727557 |
|    | LS AY -CP/P2/500/P           | 4058075727465 |
|  | LS AY -CSW/P2/50/P           | 4058075727496 |
|  | LS AY -10/SE/P SIL-SEAL      | 4058075727649 |
|  | LS AY -PM04/UW/23X15,5/10/1  | 4058075278400 |
|  | LS AY -PM06/E/18X18/12/1     | 4058075279308 |
|  | LS AY -PM05/U/17,5X14,5/10/1 | 4058075279278 |

| Product image                                                                       | Product name                | EAN           |
|-------------------------------------------------------------------------------------|-----------------------------|---------------|
|    | DR DIM-PFM -60/220-240/24/P | 4058075240018 |
|     | LS AY -PW01/U/26X8/14/2     | 4058075401440 |
|     | LS AY -PW03/U/26X26/14/2    | 4058075401501 |
|     | LS AY -PW01/U/26X8/14/1     | 4058075278103 |
|     | LS AY -PW02/UW/39X26/14/1   | 4058075278134 |
|   | LS AY PFM -10/SE/P SIL-SEAL | 4058075275744 |
|  | DR DIM-PFM -40/220-240/24/P | 4058075239999 |
|   | LS AY -PW02/UW/39X26/14/2   | 4058075401471 |
|   | LS AY -PW03/U/26X26/14/1    | 4058075278165 |
|  | DR-PFM -250/220-240/24/P    | 4058075240032 |
|  | DR-VAL -30/220-240/24       | 4058075240056 |

| Product image                                                                       | Product name                 | EAN           |
|-------------------------------------------------------------------------------------|------------------------------|---------------|
|    | DR-PFM -100/220-240/24/P     | 4058075239937 |
|    | DR-PFM -150/220-240/24/P     | 4058075239975 |
|    | DR-PFM -60/220-240/24/P      | 4058075239913 |
|    | DR-PFM -30/220-240/24/P      | 4058075239890 |
|    | DR DIM-PFM -250/220-240/24/P | 4058075240155 |
|  | DR DIM-PFM -40/220-240/24/P  | 4058075379176 |
|  | DR-VAL -60/220-240/24        | 4058075240094 |
|  | DR DIM-PFM -150/220-240/24/P | 4058075240117 |
|  | DR DIM-PFM -100/220-240/24/P | 4058075240070 |
|  | DR-VAL -120/220-240/24       | 4058075240131 |
|  | DR-VAL -150/220-240/24       | 4058075240179 |

| Product image                                                                     | Product name                | EAN           |
|-----------------------------------------------------------------------------------|-----------------------------|---------------|
|  | DR DIM-PFM -60/220-240/24/P | 4058075379190 |

## EQUIPMENT / ACCESSORIES

– Connectors, profiles and covers for several mounting options available

## DOWNLOAD DATA

| Documents and certificates                                                         |                            | Document name                                        |
|------------------------------------------------------------------------------------|----------------------------|------------------------------------------------------|
|    | Legal information          | LED STRIP VALUE 30m IP65                             |
|    | Declarations of conformity | LS VAL Big Reel                                      |
| Tender texts                                                                       |                            | Document name                                        |
|  | Tender documents           | LED STRIP VALUE 600 30 meter reel 600 830 30 IP65-EN |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075597464 | Folding box<br>1             | 242 mm x 242 mm x 26 mm              | 2626.00 g    | 1.52 dm <sup>3</sup>  |
| 4058075600850 | Shipping box<br>3            | 516 mm x 496 mm x 332 mm             | 8872.00 g    | 84.97 dm <sup>3</sup> |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

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