

**Product:** UNIVERSAL LINE OUTDOOR LED 4400 SHM E 24 IP55 830 KRW3K / L-1159MM**Index:** 19.3180.0009.24

## Description

Universal Line system is built on the base of aluminium profile of crosswise dimension after assembly 60 mm x 75 mm, LED strips and linear lenses. Standard colour - natural anodized aluminium. Installation: - surface mounted line (spring plates to the ceiling) - suspended line. The construction of the luminaire ensures one of the three levels of protection: IP20, IP55 or IP65. IP20 and IP65 versions of the product are dedicated for internal use. Versions IP55 of the luminaire are dedicated for external use. In order to achieve the level of protection IP55, luminaires should be installed purely and simply on a horizontal surface, illuminating part should be directed downwards. It is forbidden to install the luminaire on the wall or directed upwards.

## Product information

|          |  |
|----------|--|
| Category | Outdoor luminaires   |
| Family   | UNIVERSAL LINE LED   |
| Name     | UNIVERSAL LINE OUTDOOR LED 4400 SHM E 24 IP55 830 KRW3K / L-1159MM |
| Index    | 19.3180.0009.24  |



## Light and electrical data

|                                     |  |
|-------------------------------------|--|
| Light source                        | LED                                      |
| Luminous flux LED [lm]              | 4406                                     |
| LED power [W]                       | 23                                       |
| Luminaire luminous flux [lm]        | 3517                                     |
| Power of luminaire [W]              | 25                                       |
| Luminaire's light efficiency [lm/W] | 140,7                                    |
| Color of the light [K]              | 3000                                     |
| CRI                                 | >80                                      |
| SDCM (LED sources)                  | 3  |
| Beam angle [°]                      | (C0-C180) / (C90-C270) - 109,6° / 109,6° |
| Protection against electric shock   | I  |
| Protection degree                   | IP55                                     |
| Voltage                             | 220..240 V, 50..60 Hz                    |
| Lifetime of LED sources [h]         | 100000 (1) / 147000 (2)                  |
| Lx/By                               | L80/B10 (1) / L70/B50 (2)                |
| Operating temperature range [°C]    | -25 ÷ 30                                 |
| Driver                              | standard on/off (E)                      |
| Power factor cos φ                  | >0,95                                    |
| Circuit load capacity               | 15 (B10), 24 (B16), 24 (C10), 40 (C16)   |

## Mechanical data



|                  |   |
|------------------|---|
| Assembly         | directly mounted to ceiling construction or surface mounted on slings |
| Material         | aluminum  |
| Color            | anodised aluminum   |
| Diffuser         | SHM (hardened mat glass)  |
| Impact resistant | IK04  |
| Weight [kg]      | 2,5   |
| Dimensions [mm]  | 1159 x 60 x 75  |

## A graph of light

