

## Product: X-LINE LED 5200 MICRO-PRM EDD 24 840 LINE-1EP / L-2247MM Index: 19.4165.5223.24



## Description

Light fitting made out of aluminium profile equipped with opal diffuser or MPRM and driver.X-LINE fittings are intended to be mounted on ceiling or pendants. The luminaries are adjusted to be linked together with specially designed links, which provide great freedom in arranging elements of the system as well as great functionality. In the family of X-LINE LED fittings modules of renowned brands are applied.

| Product | information |  |
|---------|-------------|--|
|         |             |  |

Category Surface mounted luminaires
Family X-LINE LED LINE

Œ

LED

Name X-LINE LED 5200 MICRO-PRM EDD 24 840 LINE-1EP / L-2247MM

 $[P_{44}]$ 

IK<sub>2</sub>

Index 19.4165.5223.24

## Light and electrical data

| Light sourceLEDLuminous flux LED [lm]5234LED power [W]26,6Luminaire luminous flux [lm]3942Power of luminaire [W]28,2Luminaire's light efficiency [lm/W]139,8Color of the light [K]4000CRI>80SDCM (LED sources)3Beam angle [°](C0-C180) / (C90-C270) - 82,8° / 97,200Photobiological risk class (IEC/EN<br>62471)RG0Protection against electric shockIProtection degreeIP44Voltage220240 V, 5060 HzLifetime of LED sources [h]100000 (1) / 147000 (2)Lx/ByL80/B10 (1) / L70/B50 (2)Operating temperature range [°C] $5 \div 30$ DriverDIM DALI (EDD)Power factor cos $\varphi$ >0,95Circuit load capacity17 (B10), 28 (B16), 26 (C10), 41 (C16) |                                     |  |
|--|-------------------------------------|--|
| LED power [W]26,6Luminaire luminous flux [lm]3942Power of luminaire [W]28,2Luminaire's light efficiency [lm/W]139,8Color of the light [K]4000CRI>80SDCM (LED sources)3Beam angle [°](C0-C180) / (C90-C270) - 82,8° / 97,30Photobiological risk class (IEC/EN 62471)RG0Protection against electric shockIProtection degreeIP44Voltage220240 V, 5060 HzLifetime of LED sources [h]100000 (1) / 147000 (2)Lx/ByL80/B10 (1) / L70/B50 (2)Operating temperature range [°C]5 ÷ 30DriverDIM DALI (EDD)Power factor cos $\varphi$ >0,95Circuit load capacity17 (B10), 28 (B16), 26 (C10), 41   | Light source                        | LED                                    |
| Luminaire luminous flux [lm]3942Power of luminaire [W]28,2Luminaire's light efficiency [lm/W]139,8Color of the light [K]4000CRI>80SDCM (LED sources)3Beam angle [°](C0-C180) / (C90-C270) - 82,8° / 97,3Photobiological risk class (IEC/EN<br>62471)RG0Protection against electric shockIProtection degreeIP44Voltage220240 V, 5060 HzLifetime of LED sources [h]100000 (1) / 147000 (2)Lx/ByL80/B10 (1) / L70/B50 (2)Operating temperature range [°C] $5 \div 30$ DriverDIM DALI (EDD)Power factor cos $\varphi$ >0,95Circuit load capacity17 (B10), 28 (B16), 26 (C10), 41   | Luminous flux LED [lm]              | 5234                                   |
| Power of luminaire [W]28,2Luminaire's light efficiency [Im/W]139,8Color of the light [K]4000CRI>80SDCM (LED sources)3Beam angle [°](C0-C180) / (C90-C270) - 82,8° / 97,30Photobiological risk class (IEC/EN<br>62471)RG0Protection against electric shockIProtection degreeIP44Voltage220240 V, 5060 HzLifetime of LED sources [h]100000 (1) / 147000 (2)Lx/ByL80/B10 (1) / L70/B50 (2)Operating temperature range [°C]5 ÷ 30DriverDIM DALI (EDD)Power factor cos $\varphi$ >0,95Circuit load capacity17 (B10), 28 (B16), 26 (C10), 41   | LED power [W]                       | 26,6                                   |
| Luminaire's light efficiency [Im/W]139,8Color of the light [K]4000CRI>80SDCM (LED sources)3Beam angle [°](C0-C180) / (C90-C270) - 82,8° / 97,4Photobiological risk class (IEC/EN<br>62471)RG0Protection against electric shockIProtection degreeIP44Voltage220240 V, 5060 HzLifetime of LED sources [h]100000 (1) / 147000 (2)Lx/ByL80/B10 (1) / L70/B50 (2)Operating temperature range [°C]5 ÷ 30DriverDIM DALI (EDD)Power factor cos $\varphi$ >0,95Circuit load capacity17 (B10), 28 (B16), 26 (C10), 41  | Luminaire luminous flux [lm]        | 3942                                   |
| Color of the light [K]4000CRI>80SDCM (LED sources)3Beam angle [°](C0-C180) / (C90-C270) - 82,8° / 97,3Photobiological risk class (IEC/EN<br>62471)RG0Protection against electric shockIProtection degreeIP44Voltage220240 V, 5060 HzLifetime of LED sources [h]100000 (1) / 147000 (2)Lx/ByL80/B10 (1) / L70/B50 (2)Operating temperature range [°C]5 ÷ 30DriverDIM DALI (EDD)Power factor cos $\varphi$ >0,95Circuit load capacity17 (B10), 28 (B16), 26 (C10), 41  | Power of luminaire [W]              | 28,2                                   |
| CRI>80SDCM (LED sources)3Beam angle [°](C0-C180) / (C90-C270) - 82,8° / 97,30Photobiological risk class (IEC/EN<br>62471)RG0Protection against electric shockIProtection degreeIP44Voltage220240 V, 5060 HzLifetime of LED sources [h]100000 (1) / 147000 (2)Lx/ByL80/B10 (1) / L70/B50 (2)Operating temperature range [°C]5 ÷ 30DriverDIM DALI (EDD)Power factor cos $\varphi$ >0,95Circuit load capacity17 (B10), 28 (B16), 26 (C10), 41   | Luminaire's light efficiency [lm/W] | 139,8                                  |
| SDCM (LED sources)3Beam angle [°](C0-C180) / (C90-C270) - 82,8° / 97,3Photobiological risk class (IEC/EN<br>62471)RG0Protection against electric shockIProtection degreeIP44Voltage220240 V, 5060 HzLifetime of LED sources [h]100000 (1) / 147000 (2)Lx/ByL80/B10 (1) / L70/B50 (2)Operating temperature range [°C] $5 \div 30$ DriverDIM DALI (EDD)Power factor cos $\varphi$ >0,95Circuit load capacity17 (B10), 28 (B16), 26 (C10), 41   | Color of the light [K]              | 4000                                   |
| Beam angle [°](C0-C180) / (C90-C270) - 82,8° / 97,3Photobiological risk class (IEC/EN<br>62471)RG0Protection against electric shockIProtection degreeIP44Voltage220240 V, 5060 HzLifetime of LED sources [h]100000 (1) / 147000 (2)Lx/ByL80/B10 (1) / L70/B50 (2)Operating temperature range [°C] $5 \div 30$ DriverDIM DALI (EDD)Power factor $\cos \phi$ >0,95Circuit load capacity17 (B10), 28 (B16), 26 (C10), 41  | CRI                                 | >80                                    |
| Photobiological risk class (IEC/EN<br>62471)RG0Protection against electric shockIProtection degreeIP44Voltage220240 V, 5060 HzLifetime of LED sources [h]100000 (1) / 147000 (2)Lx/ByL80/B10 (1) / L70/B50 (2)Operating temperature range [°C] $5 \div 30$ DriverDIM DALI (EDD)Power factor $\cos \phi$ >0,95Circuit load capacity17 (B10), 28 (B16), 26 (C10), 41   | SDCM (LED sources)                  | 3                                      |
| 62471)Protection against electric shockIProtection degreeIP44Voltage220240 V, 5060 HzLifetime of LED sources [h]100000 (1) / 147000 (2)Lx/ByL80/B10 (1) / L70/B50 (2)Operating temperature range [°C] $5 \div 30$ DriverDIM DALI (EDD)Power factor cos φ>0,95Circuit load capacity17 (B10), 28 (B16), 26 (C10), 41   | Beam angle [°]                      | (C0-C180) / (C90-C270) - 82,8° / 97,2° |
| Protection degree       IP44         Voltage       220240 V, 5060 Hz         Lifetime of LED sources [h]       100000 (1) / 147000 (2)         Lx/By       L80/B10 (1) / L70/B50 (2)         Operating temperature range [°C] $5 \div 30$ Driver       DIM DALI (EDD)         Power factor cos $\phi$ >0,95         Circuit load capacity       17 (B10), 28 (B16), 26 (C10), 41   | 5 (                                 | RG0                                    |
| Voltage         220240 V, 5060 Hz           Lifetime of LED sources [h]         100000 (1) / 147000 (2)           Lx/By         L80/B10 (1) / L70/B50 (2)           Operating temperature range [°C]         5 ÷ 30           Driver         DIM DALI (EDD)           Power factor cos φ         >0,95           Circuit load capacity         17 (B10), 28 (B16), 26 (C10), 41  | Protection against electric shock   | I                                      |
| Lifetime of LED sources [h]       100000 (1) / 147000 (2)         Lx/By       L80/B10 (1) / L70/B50 (2)         Operating temperature range [°C] $5 \div 30$ Driver       DIM DALI (EDD)         Power factor $\cos \phi$ >0,95         Circuit load capacity       17 (B10), 28 (B16), 26 (C10), 41   | Protection degree                   | IP44                                   |
| Lx/ByL80/B10 (1) / L70/B50 (2)Operating temperature range [°C] $5 \div 30$ DriverDIM DALI (EDD)Power factor $\cos \phi$ >0,95Circuit load capacity17 (B10), 28 (B16), 26 (C10), 41   | Voltage                             | 220240 V, 5060 Hz                      |
| Operating temperature range [°C] $5 \div 30$ DriverDIM DALI (EDD)Power factor $\cos \phi$ >0,95Circuit load capacity17 (B10), 28 (B16), 26 (C10), 41   | Lifetime of LED sources [h]         | 100000 (1) / 147000 (2)                |
| Driver         DIM DALI (EDD)           Power factor cos φ         >0,95           Circuit load capacity         17 (B10), 28 (B16), 26 (C10), 41  | Lx/By                               | L80/B10 (1) / L70/B50 (2)              |
| Power factor cos φ         >0,95           Circuit load capacity         17 (B10), 28 (B16), 26 (C10), 41  | Operating temperature range [°C]    | 5 ÷ 30                                 |
| Circuit load capacity <b>17 (B10), 28 (B16), 26 (C10), 41</b>  | Driver                              | DIM DALI (EDD)                         |
|  | Power factor $\cos \phi$            | >0,95                                  |
|  | Circuit load capacity               |  |



| Mechanical data  | ⊟‡H<br>B | Assembly<br>Material<br>Color<br>Diffuser | directly mounted to ceiling construction or<br>surface mounted on slings<br>aluminum<br>anodised aluminum<br>Micro-PRM (micro-prismatic diffuser PMMA)   |
|------------------|----------|---|--|
|                  |          | Impact resistant                          | IK04   |
|                  |          | Dimensions [mm]                           | 2247 x 63 x 74   |
| A graph of light |          |   | 105°         105°           90°         90°           75°         75°           60°         200           45°         60°           45°         45°           30°         15°           30°         15°           30°         15°           0°         15°           0°         15°           0°         15°           0°         15°           0°         15°           0°         15°           0°         15° |
|                  |          |   |  |



## Accessories





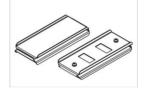




Index 6E1-500KWAN1P-B Name SUSPENSION NEW TYPE-B 24 LENGHT 1,5M WITHOUT WIRE 1-POINT



Name X-LINE Clamp for line luminaires



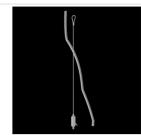
Index 6E1-8670-B-1,5

Name SUSPENSION NEW TYPE-E LENGHT-1,5 METER WITHOUT WIRE 1-POINT



Index 6E1-9875-4-1,5-5X

Name SUSPENSION NEW TYPE-D LENGHT-1,5 METER WIRE 5X 1-POINT





Luminous flux tolerance +/- 10%. Power tolerance +/- 10%. Technical data may be changed. Photos of the luminaires may differ from reality. Date of last update: 24-01-2023