Product card

Product: X-LINE G/K LED 5500 PLX E 24840 / L-1422MM
Index: 19.4131.7121.24


Description
The group of $X$-line luminaries is made of aluminum profile with opal diffuser or micro-prismatic diffuser. The luminaries may be joined with special connectors providing great freedom in arranging elements of the system and its functionality.

## Product information

| Category | Recessed luminaires |
| :--- | :--- |
| Family | X-LINE G/K LED |
| Name | X-LINE G/K LED 5500 PLX E $\mathbf{2 4} \mathbf{8 4 0}$ / L-1422MM |
| Index | $\mathbf{1 9 . 4 1 3 1 . 7 1 2 1 . 2 4 ~}$ |

## Light and electrical data

| Light source | LED |
| :---: | :---: |
| Luminous flux LED [Im] | 5727 |
| LED power [W] | 29 |
| Luminaire luminous flux [lm] | 3818 |
| Power of luminaire [W] | 30,5 |
| Luminaire's light efficiency [Im/W] | 125,2 |
| Color of the light [K] | 4000 |
| CRI | >80 |
| SDCM (LED sources) | 3 |
| Beam angle [ ${ }^{\circ}$ ] | $\begin{aligned} & (C 0-C 180) ~ I(C 90-C 270)-109^{\circ} \text { I } \\ & 107,2^{\circ} \end{aligned}$ |
| Photobiological risk class (IEC/EN 62471) | RG0 |
| Protection against electric shock | I |
| Protection degree | IP20/44 |
| Voltage | 220.. $240 \mathrm{~V}, 50 . .60 \mathrm{~Hz}$ |
| Lifetime of LED sources [h] | 100000 (1) / 147000 (2) |
| Lx/By | L80/B10 (1) / L70/B50 (2) |
| Operating temperature range $\left[{ }^{\circ} \mathrm{C}\right]$ | $5 \div 30$ |
| Driver | standard on/off (E) |
| Power factor $\cos \varphi$ | >0,95 |
| Circuit load capacity | 30 (B10), 48 (B16), 43 (C10), 70 (C16) |

## Mechanical data



| Assembly | mounted in plasterboard ceilings |
| :--- | :--- |
| Material | aluminum |
| Color | anodised aluminum |
| Diffuser | PLX (PMMA opal) |
| Impact resistant | IK04 |
| Weight [kg] | 3,02 |
| Dimensions [mm] | $1422 \times 80 \times 136$ |
| Mounting hole $[\mathrm{mm}]$ | $1412 \times 70$ |

## A graph of light

