

### Product: X-LINE G/K LED 4400 PLX E 24 830 / L-1142MM Index: 19.3058.0045.24



### 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 4400 PLX E 24 830 / L-1142MM
	Index	19.3058.0045.24
		LED E IN INA

## Light and electrical data

Light sourceLEDLuminous flux LED [Im]4406LED power [W]23,4Luminaire luminous flux [Im]2937Power of luminaire [W]24,7Luminaire's light efficiency [Im/W]118,9Color of the light [K]3000CRI>80SDCM (LED sources)3Beam angle [°](C0-C180) / (C90-C270) - 109° / 107,2°Photobiological risk class (IEC/EN 62471)RG0Protection against electric shockIProtection degreeIP20/44Voltage220240 V, 5060 HzLifetime of LED sources [h]100000 (1) / 147000 (2)Lx/ByL80/B10 (1) / L70/B50 (2)Operating temperature range [°C]5 ÷ 30Driverstandard on/off (E)Power factor cos $\varphi$ >0,95Circuit load capacity30 (B10), 48 (B16), 43 (C10), 70 (C0)		
LED power [W]23,4Luminaire luminous flux [Im]2937Power of luminaire [W]24,7Luminaire's light efficiency [Im/W]118,9Color of the light [K]3000CRI>80SDCM (LED sources)3Beam angle [°](C0-C180) / (C90-C270) - 109° / 107,2°Photobiological risk class (IEC/EN 62471)RG0Protection against electric shockIProtection degreeIP20/44Voltage220240 V, 5060 HzLifetime of LED sources [h]100000 (1) / 147000 (2)Lx/ByL80/B10 (1) / L70/B50 (2)Operating temperature range [°C]5 ÷ 30Driverstandard on/off (E)Power factor cos $\varphi$ >0,95	Light source	LED
Luminaire luminous flux [lm]2937Power of luminaire [W]24,7Luminaire's light efficiency [lm/W]118,9Color of the light [K]3000CRI>80SDCM (LED sources)3Beam angle [°](C0-C180) / (C90-C270) - 109° / 107,2°Photobiological risk class (IEC/EN 62471)RG0Protection against electric shockIProtection degreeIP20/44Voltage220240 V, 5060 HzLifetime of LED sources [h]100000 (1) / 147000 (2)Lx/ByL80/B10 (1) / L70/B50 (2)Operating temperature range [°C]5 ÷ 30Driverstandard on/off (E)Power factor cos $\varphi$ >0,95	Luminous flux LED [lm]	4406
Power of luminaire [W]24,7Luminaire's light efficiency [Im/W]118,9Color of the light [K]3000CRI>80SDCM (LED sources)3Beam angle [°](C0-C180) / (C90-C270) - 109° / 107,2°Photobiological risk class (IEC/EN 62471)RG0Protection against electric shockIProtection degreeIP20/44Voltage220240 V, 5060 HzLifetime of LED sources [h]100000 (1) / 147000 (2)Lx/ByL80/B10 (1) / L70/B50 (2)Operating temperature range [°C] $5 \div 30$ Driverstandard on/off (E)Power factor $\cos \phi$ >0,95	LED power [W]	23,4
Luminaire's light efficiency [lm/W]118,9Color of the light [K]3000CRI>80SDCM (LED sources)3Beam angle [°](C0-C180) / (C90-C270) - 109° / 107,2°Photobiological risk class (IEC/EN 62471)RG0Protection against electric shockIProtection degreeIP20/44Voltage220240 V, 5060 HzLifetime of LED sources [h]100000 (1) / 147000 (2)Lx/ByL80/B10 (1) / L70/B50 (2)Operating temperature range [°C] $5 \div 30$ Driverstandard on/off (E)Power factor $\cos \phi$ >0,95	Luminaire luminous flux [lm]	2937
Color of the light [K]3000CRI>80SDCM (LED sources)3Beam angle [°](C0-C180) / (C90-C270) - 109° / 107,2°Photobiological risk class (IEC/EN 62471)RG0Protection against electric shockIProtection degreeIP20/44Voltage220240 V, 5060 HzLifetime of LED sources [h]100000 (1) / 147000 (2)Lx/ByL80/B10 (1) / L70/B50 (2)Operating temperature range [°C] $5 \div 30$ Driverstandard on/off (E)Power factor $\cos \phi$ >0,95	Power of luminaire [W]	24,7
CRI>80SDCM (LED sources)3Beam angle [°](C0-C180) / (C90-C270) - 109° / 107,2°Photobiological risk class (IEC/EN 62471)RG0Protection against electric shockIProtection degreeIP20/44Voltage220240 V, 5060 HzLifetime of LED sources [h]100000 (1) / 147000 (2)Lx/ByL80/B10 (1) / L70/B50 (2)Operating temperature range [°C] $5 \div 30$ Driverstandard on/off (E)Power factor $\cos \phi$ >0,95	Luminaire's light efficiency [lm/W]	118,9
SDCM (LED sources)3Beam angle [°](C0-C180) / (C90-C270) - 109° / 107,2°Photobiological risk class (IEC/EN 62471)RG0Protection against electric shockIProtection degreeIP20/44Voltage220240 V, 5060 HzLifetime of LED sources [h]100000 (1) / 147000 (2)Lx/ByL80/B10 (1) / L70/B50 (2)Operating temperature range [°C] $5 \div 30$ Driverstandard on/off (E)Power factor $\cos \phi$ >0,95	Color of the light [K]	3000
Beam angle [°](C0-C180) / (C90-C270) - 109° / 107,2°Photobiological risk class (IEC/EN 62471)RG0Protection against electric shockIProtection degreeIP20/44Voltage220240 V, 5060 HzLifetime of LED sources [h]100000 (1) / 147000 (2)Lx/ByL80/B10 (1) / L70/B50 (2)Operating temperature range [°C] $5 \div 30$ Driverstandard on/off (E)Power factor $\cos \phi$ >0,95	CRI	>80
107,2°Photobiological risk class (IEC/EN 62471)RG0Protection against electric shockIProtection degreeIP20/44Voltage220240 V, 5060 HzLifetime of LED sources [h]100000 (1) / 147000 (2)Lx/ByL80/B10 (1) / L70/B50 (2)Operating temperature range [°C] $5 \div 30$ Driverstandard on/off (E)Power factor $\cos \phi$ >0,95	SDCM (LED sources)	3
62471)Protection against electric shockIProtection degreeIP20/44Voltage220240 V, 5060 HzLifetime of LED sources [h]100000 (1) / 147000 (2)Lx/ByL80/B10 (1) / L70/B50 (2)Operating temperature range [°C] $5 \div 30$ Driverstandard on/off (E)Power factor $\cos \phi$ >0,95	Beam angle [°]	
Protection degree         IP20/44           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         standard on/off (E)           Power factor cos φ         >0,95		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         standard on/off (E)           Power factor cos φ         >0,95	Protection against electric shock	1
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       standard on/off (E)         Power factor $\cos \phi$ >0,95	Protection degree	IP20/44
Lx/ByL80/B10 (1) / L70/B50 (2)Operating temperature range [°C] $5 \div 30$ Driverstandard on/off (E)Power factor $\cos \phi$ >0,95	Voltage	220240 V, 5060 Hz
Operating temperature range [°C] $5 \div 30$ Driverstandard on/off (E)Power factor $\cos \phi$ >0,95	Lifetime of LED sources [h]	100000 (1) / 147000 (2)
Driver     standard on/off (E)       Power factor cos φ     >0,95	Lx/By	L80/B10 (1) / L70/B50 (2)
Power factor $\cos \varphi$ >0,95	Operating temperature range [°C]	5 ÷ 30
	Driver	standard on/off (E)
Circuit load capacity 30 (B10), 48 (B16), 43 (C10), 70 (C	Power factor cos φ	>0,95
	Circuit load capacity	30 (B10), 48 (B16), 43 (C10), 70 (C16)

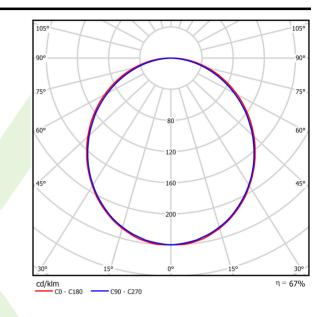


# Mechanical data Assembly mounted in plasterboard ceilings A A Assembly aluminum Color anodised aluminum Diffuser Diffuser PLX (PMMA opal) Impact resistant Weight [kg] 2,9

Dimensions [mm]

Mounting hole [mm]

# A graph of light



1142 x 80 x 136

1132 x 70