

Product: LUXCAN MICRO TRACK 48V 600 50° E 63 940

Index: 19.4373.1441.63



## **Description**

LUXCAN MICRO TRACK 48V is a small yet powerful floodlight designed for the versatile 48V low-voltage track system. This lighting solution provides unparalleled freedom to design, allowing to customize your project with a wide array of system components and luminaires tailored to different lighting needs, including general lighting, accent lighting, spotlights, and suspensions. Made of high-quality aluminium, this small cylindrical projector efficiently dissipates heat from its robust 7W light source, delivering an impressive flux exceeding 500 lumens. The LUXCAN MICRO TRACK 48V offers extensive customization with multiple versions available to suit specific requirements: from 2700K, 3000K, or 4000K colour temperatures, CRI80 or CRI90 for correct colour rendering, and four beam angles (15°, 24°, 36°, and 50°). For enhanced functionality, the floodlight is also available with DALI dimming, enabling the creation of diverse lighting scenes across various applications, including residential spaces, high-end retail environments, and office settings

### **Product information**

Category	Projectors
Family	LUXCAN MICRO TRACK 48V
Name	LUXCAN MICRO TRACK 48V 600 50° E 63 940
Index	19.4373.1441.63
EAN	5902107580353











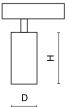




## Light and electrical data

Luminous flux LED [lm]  LED power [W]  4,3  Luminaire luminous flux [lm]  428,4  Power of luminaire [W]  5,4  Luminaire's light efficiency [lm/W]  Color of the light [K]  SDCM (LED sources)  Beam angle [°]  Photobiological risk class (IEC/EN 62471)  Protection against electric shock  Protection degree  Voltage  Lifetime of LED sources [h]  Lx/By  Operating temperature range [°C]  Driver  100000  4,3  428,4  79,3  4000  79,3  4000  (Co-C180) / (C90-C270) - 50,8° / 51,6°  RG0  RG0  III  100000  1000		
LED power [W]  Luminaire luminous flux [Im]  Power of luminaire [W]  Luminaire's light efficiency [Im/W]  Color of the light [K]  CRI  SDCM (LED sources)  Beam angle [°]  Photobiological risk class (IEC/EN 62471)  Protection against electric shock  Protection degree  Voltage  Lifetime of LED sources [h]  Lx/By  Operating temperature range [°C]  Driver  428,4  428,4  4000  79,3  4000  (C0-C180) / (C90-C270) - 50,8° / 51,6°  RG0  RG0  III  100000  Lx/By  L80/B10  Operating temperature range [°C]  5 ÷ 35  Standard on/off (E)	Light source	LED
Luminaire luminous flux [lm]  Power of luminaire [W]  Luminaire's light efficiency [lm/W]  Color of the light [K]  CRI  SDCM (LED sources)  Beam angle [°]  Photobiological risk class (IEC/EN 62471)  Protection against electric shock  Protection degree  Voltage  Lifetime of LED sources [h]  Lx/By  Derating temperature range [°C]  Driver  428,4  4000  79,3  4000  (C0-C180) / (C90-C270) - 50,8° / 51,6°  RG0  III  IP20  48 V DC  Lifetime of LED sources [h]  L80/B10  Operating temperature range [°C]  Driver  5,4  4000  79,3  4000  FP90  SDCM (LED sources)  III  IP20  L80/B10  Operating temperature range [°C]  Standard on/off (E)	Luminous flux LED [lm]	569,6
Power of luminaire [W] 5,4  Luminaire's light efficiency [lm/W] 79,3  Color of the light [K] 4000  CRI >90  SDCM (LED sources) 3  Beam angle [°] (C0-C180) / (C90-C270) - 50,8° / 51,6°  Photobiological risk class (IEC/EN RG0 62471)  Protection against electric shock III  Protection degree IP20  Voltage 48 V DC  Lifetime of LED sources [h] 100000  Lx/By L80/B10  Operating temperature range [°C] 5 ÷ 35  Driver standard on/off (E)	LED power [W]	4,3
Luminaire's light efficiency [lm/W]  Color of the light [K]  CRI  >90  SDCM (LED sources)  Beam angle [°]  (C0-C180) / (C90-C270) - 50,8° / 51,6°  Photobiological risk class (IEC/EN RG0 62471)  Protection against electric shock  Protection degree  Voltage  Voltage  Lifetime of LED sources [h]  Lx/By  Departing temperature range [°C]  Driver  10000  79,3  4000  RG0  RG0  III  100000  1000	Luminaire luminous flux [lm]	428,4
Color of the light [K] 4000  CRI >90  SDCM (LED sources) 3  Beam angle [°] (C0-C180) / (C90-C270) - 50,8° / 51,6°  Photobiological risk class (IEC/EN 62471)  Protection against electric shock III  Protection degree IP20  Voltage 48 V DC  Lifetime of LED sources [h] 100000  Lx/By L80/B10  Operating temperature range [°C] 5 ÷ 35  Driver standard on/off (E)	Power of luminaire [W]	5,4
CRI SDCM (LED sources) 3 Beam angle [°] (C0-C180) / (C90-C270) - 50,8° / 51,6° Photobiological risk class (IEC/EN RG0 62471) Protection against electric shock III Protection degree Voltage Voltage 48 V DC Lifetime of LED sources [h] Lx/By L80/B10 Operating temperature range [°C] 5 ÷ 35 Driver standard on/off (E)	Luminaire's light efficiency [lm/W]	79,3
SDCM (LED sources)  Beam angle [°]  (C0-C180) / (C90-C270) - 50,8° / 51,6°  Photobiological risk class (IEC/EN 62471)  Protection against electric shock  Protection degree  Voltage  Voltage  Lifetime of LED sources [h]  Lx/By  Departing temperature range [°C]  Driver  Standard on/off (E)	Color of the light [K]	4000
Beam angle [°] (C0-C180) / (C90-C270) - 50,8° / 51,6°  Photobiological risk class (IEC/EN 62471)  Protection against electric shock III  Protection degree IP20  Voltage 48 V DC  Lifetime of LED sources [h] 100000  Lx/By L80/B10  Operating temperature range [°C] 5 ÷ 35  Driver standard on/off (E)	CRI	>90
Photobiological risk class (IEC/EN RG0 62471)  Protection against electric shock III  Protection degree IP20  Voltage 48 V DC  Lifetime of LED sources [h] 100000  Lx/By L80/B10  Operating temperature range [°C] 5 ÷ 35  Driver standard on/off (E)	SDCM (LED sources)	3
Protection against electric shock III  Protection degree IP20  Voltage 48 V DC  Lifetime of LED sources [h] 100000  Lx/By L80/B10  Operating temperature range [°C] 5 ÷ 35  Driver standard on/off (E)	Beam angle [°]	, , ,
Protection degree IP20  Voltage 48 V DC  Lifetime of LED sources [h] 100000  Lx/By L80/B10  Operating temperature range [°C] 5 ÷ 35  Driver standard on/off (E)	Photobiological risk class (IEC/EN 62471)	RG0
Voltage 48 V DC  Lifetime of LED sources [h] 100000  Lx/By L80/B10  Operating temperature range [°C] 5 ÷ 35  Driver standard on/off (E)	Protection against electric shock	III
Lifetime of LED sources [h]         100000           Lx/By         L80/B10           Operating temperature range [°C]         5 ÷ 35           Driver         standard on/off (E)	Protection degree	IP20
Lx/By L80/B10  Operating temperature range [°C] 5 ÷ 35  Driver standard on/off (E)	Voltage	48 V DC
Operating temperature range [°C] 5 ÷ 35  Driver standard on/off (E)	Lifetime of LED sources [h]	100000
Driver standard on/off (E)	Lx/By	L80/B10
	Operating temperature range [°C]	5 ÷ 35
Power factor cos φ >0,95	Driver	standard on/off (E)
	Power factor cos φ	>0,95

### Mechanical data



Assembly	mounted on 48 V track
Material	aluminum
Color	RAL 9003 (white)
Diffuser	optical system based on PMMA lenses
Impact resistant	IK04
Dimensions [mm]	Ø33 x 65



# A graph of light

