

Spotlights

MINI MAGNET A90D-5L

Specification sheet

KKDÖ ITALY

Indoor | Surface

24V DC

L80 B20
> 50000hRoHS
CompliantLM79
TestedLM80
TestedTM-30
Results

Dimension

H73.5mm – Ø33mm

Chip

Osram/Nichia or Equivalent

Beam angle

5° / 15° / 24° / 30° / 45° / 60°

Kelvin

2700K / 3000K / 3500K / 4000K / 5000K / 6000K

Bin/Step

2-step MacAdam ellipse

CRI

≥ 95

Tm30

Rf=96, Rg=101 @3500K

Lifetime

50,000 hours, L80, B20, 12hrs/day @25°C

Operating temp

Ta = -20 to 30°C (Tc max = 60°C)

IP rating

IP40

Finish

Black/Silver/White/Custom finish on request

Cover/lens

Lens

Mounting

Track

Power feed

Hardwire tail or male/female connectors

Wire section

22AWG

Wire length

1000mm on power feed

Control

0-10V / 1-10V / PWM / DALI

Certification

CE, UL

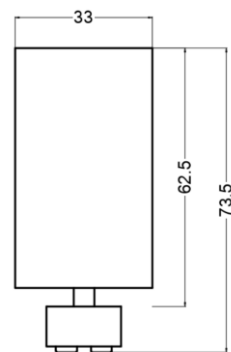
Fire rating

Wire - VM-1

Polymeric Comp. - V1

Warranty

3 years



Unit:mm

PERFORMANCE DATA

@3500K

Power Consumption	6W
Supply voltage	24V DC
Luminous flux	400lm

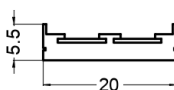
PERFORMANCE DATA @3500K

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99	97	93	97	98	96	98	98	93	95	95	90	98	96	98

TRACK OPTION

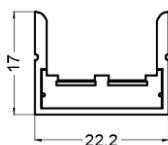
Track A

Max 2000mm



Track B

Max 2000mm



PERFORMANCE DATA TRACK - CONNECTOR

Track

Max Amp	4 Ampere
Max length combined	4000mm

Adapter with inlet cable

Mounting	Magnet
Wire section/length	0.5mm ² (1000mm)

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Options

Indoor | Surface | Output up to 400lm

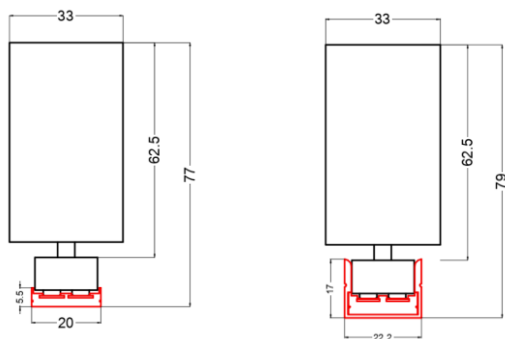
KKDÖ ITALY

MOUNTING TYPE

TRACK A

TRACK B

Unit:mm



ACCESSORIES



Honeycomb
Reduce off 15%



Glare barrel



Anti glare ring

INSTALLATION GUIDE

For vertical or horizontal installation:

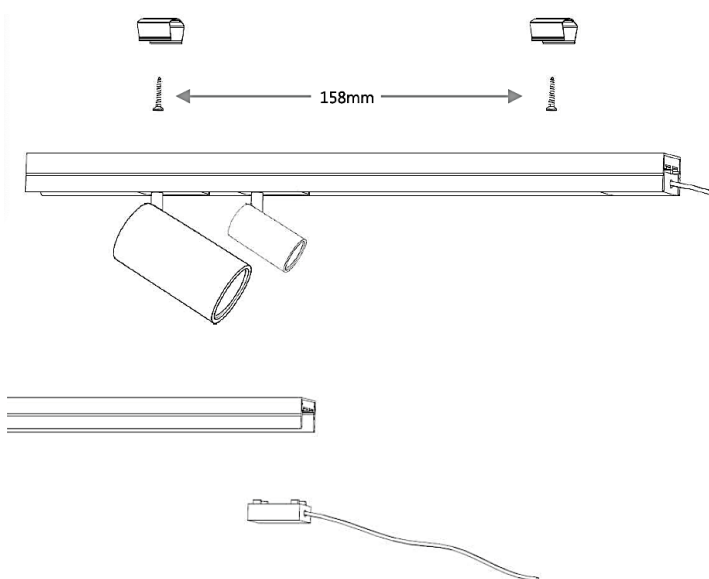
600mm : Max 5 units (with 3 clips/screws)

800mm : Max 6 units (with 4 clips/screws)

1000mm : Max 7 units (with 5 clips/screws)

1600mm : Max 10 units (with 7 clips/screws)

2000mm : Max 12 units (with 8 clips/screws)



1. Spot fixtures should stagger the positions where the screws are fixed to avoid electronic interference
2. The distance between each opening for screw on the track rail is 158mm.
3. The positions for screw holes on the track rail are fixed, whether it's 600mm, 800mm, 1000mm, or 2000mm, distance between each opening is 158mm)