

Spotlights

MINI MAGNET A90D-1L

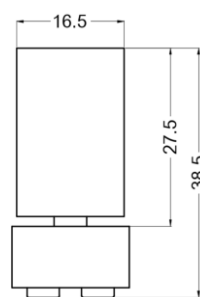
Specification sheet

KKDÖ ITALY

24V DC

L80 B20
> 50000hRoHS
CompliantLM79
TestedLM80
TestedTM-30
Results

Dimension	H38.5mm – Ø16mm
Chip	Osram/Nichia or Equivalent
Beam angle	5° / 15° / 24° / 38° / 45° / 60°
Kelvin	2700K / 3000K / 3500K / 4000K / 5000K / 6000K
Bin/Step	2-step MacAdam ellipse
CRI	≥ 95
Tm-30	Rf=94, Rg=99 @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	1.5W
Supply voltage	24V DC
Luminous flux	85lm

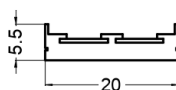
PERFORMANCE DATA @3500K

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

TRACK OPTION

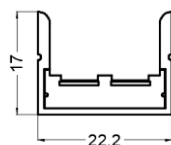
Track A

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)

Spotlights

MINI MAGNET A90D-1L

Options

Indoor | Surface | Output up to 85lm

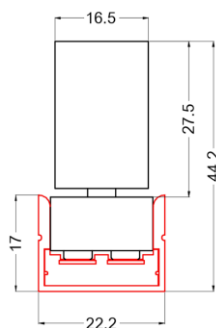
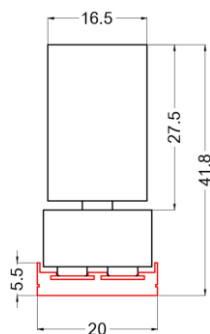
KKDÖ ITALY

MOUNTING TYPE

TRACK A

TRACK B

Unit:mm



ACCESSORIES



Honeycomb
Reduce off 15%



Glare barrel

INSTALLATION GUIDE

For vertical or horizontal installation:

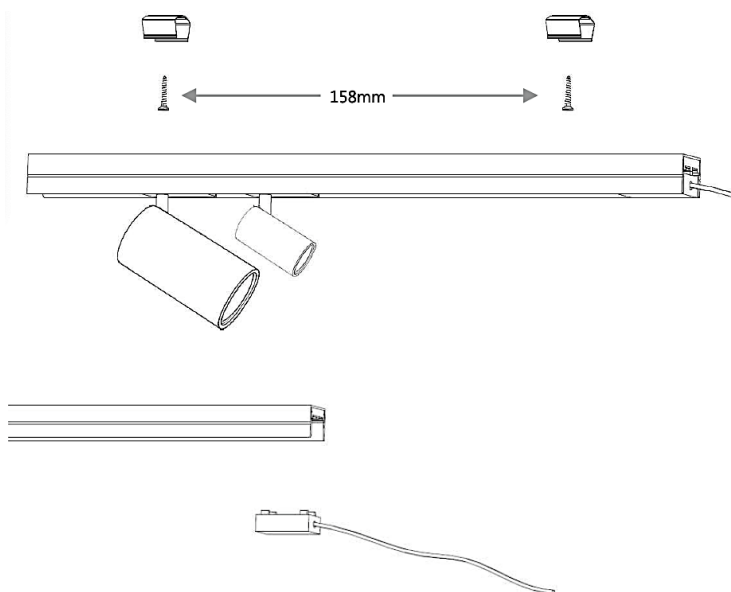
600mm : Max 6 units (with 3 clips/screws)

800mm : Max 8 units (with 4 clips/screws)

1000mm : Max 10 units (with 5 clips/screws)

1600mm : Max 16 units (with 7 clips/screws)

2000mm : Max 20 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)