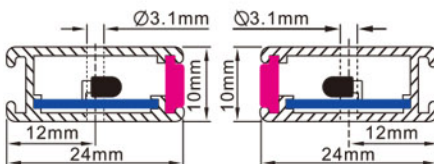
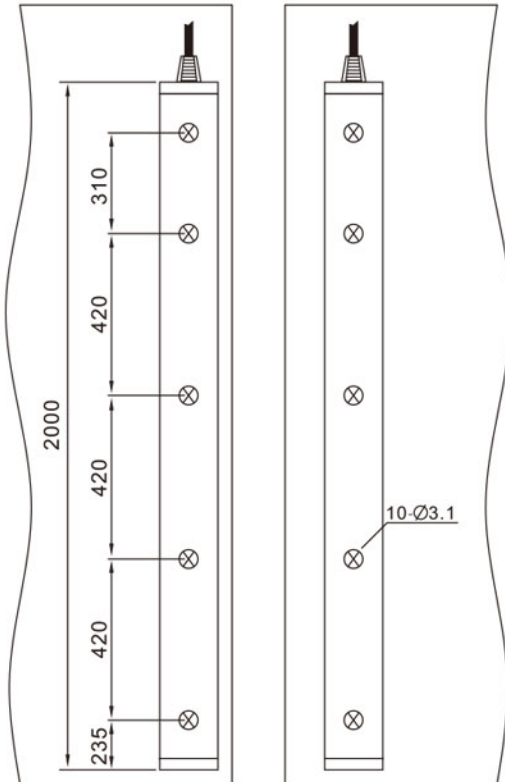


KMS-B96/B154-A

Series Infrared Elevator Light Curtain



- Passed Germany TUV tests, and comply with related international standards
- Faults tolerance feature, automatically shield the faulted diodes and remind the users
- Dormancy function, prolong product's working life
- Adopt new technology, PCB with strong ability of corrosion resistance, and strong ability of field adaption, stable and reliable
- Beautiful appearance design, easy installation, suitable for most brand elevators
- Advanced technics and equipments, reliable SMT surface padding techniques
- Optional for users to choose NPN/PNP output (Transistor output) without power supply box



KMS-B96/B154-A TECHNICAL SPECIFICATIONS

Model	KMS-B96-A	KMS-B154-A
Number of diodes	17 Pairs	32 Pairs
Distance between diodes	114.2mm	57.1mm
Maximum beams (distance ≥ 400mm)	96 beams	154 beams
Minimum beams (distance < 400mm)	33 beams	94 beams
Highest beam	≥ 1810 mm	
Lowest beam	≤ 20 mm	
Size	10mm(thickness)X24mm(width)X2000mm(height)	
Detecting distance	0-4000mm	
Vertical displacement at 0mm	± 20mm	
Horizontal displacement at 0mm	± 3mm	
Angular displacement at 0mm	± 10°	
Cable reliability	20 million door movements	
Light immunity	≥ 100,000LUX	
EMC compliance	Emissions to EN12015, Immunity to EN12016	
Operating temperature range	-20°C~+65°C	
IP Rating	IP54	
Vibration test	Random vibration 20 to 500Hz 4hrs per axis, Sinusoidal vibration 30Hz 30mins per axis	
Response Time (NPN or PNP)	45ms	65ms
Response Time (Relay)	60ms	80ms
Timeout Function(Optional)	60Sec 3 non-adjacent diodes	15Sec 5 non-adjacent diodes

POWER SUPPLY UNIT

P220	Input voltage 175-300V AC 4VA
P110	Input voltage 85-135V AC 4VA
P110/220	Input voltage 110/220V AC(Switchable) 4VA
P110/220-W	Input voltage 85-265V(Switchable) AC 4VA
P12/24	Input voltage 10-35V DC 4VA
P24	Input voltage 19-35V DC 4VA or 18-30V AC 4VA

System Hint (Buzzers are optional) Mode 1: Give buzzer sound once interrupted. Mode 2: Give buzzer sound 15 seconds after continuously interrupted.