



TL JONES















PANACHROME 2D & 3D

elevator entrance detector screen

Panachrome is the revolutionary new lift safety detection system offering maximum passenger protection. The traditional infra-red light curtain is coupled with coloured indicators that operate on door movement. The detectors will illuminate green if the doors are opening, flash red as they start to close and stay red as the doors move together.

The combined system is an effective solution for sites where extra caution is required on lift entry, for example; rest homes, hospitals and public access buildings.

details

-  2D and 3D applications available
-  Premium passenger safety - infra-red beams coupled with red/green visual display on doors
-  Reduction in door collisions means fewer lift maintenance calls
-  Easy to install - one controller for the combined edges
-  Manufactured using advanced technology
-  Complies with EN81-70 legislation - Disability Discrimination Act
-  Coverage exceeds minimum requirements of 25mm to 1800mm
-  Coloured red/green indication to highlight door movement
-  Infra-red detection delivered as 154 beam light curtain
-  4m pluggable cable
-  6m range
-  Choice of 10mm and 43mm profiles
-  High resistance to water and dust. Ingress rating IP65.
-  Can be used on centre-opening and side-opening doors.





PANACHROME 2D & 3D

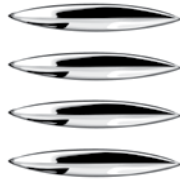
specifications

		C21510 (2D)	C3540 (3D)	C3510 (3D)
Size	Panachrome Detector Panachrome Controller Extension Cables	10mm x 38mm x 2000mm 250mm x 205mm x 59mm 4m	43mm x 18mm x 2100mm 250mm x 206mm x 59mm 4m	10mm x 38mm x 2000mm 250 x 206mm x 59mm 4m

Detector Specifications				
Diode Spacing		58.5mm	58.5mm average	58.5mm average
Distance between bottom beam and bottom of housing		22mm	18mm	17mm
Distance between top beam and bottom of housing		1835mm	1831mm	1833mm
Range	2D	6m	6m maximum	6m maximum
Range	3D	-	Typically half door separate, to max of 1.2m	
No. of 2D diodes per detector		32	32	32
No. of 2D infrared beams per detector		Standard 154		
Maximum voltage in detector		15V DC	18V DC	
Maximum power consumption TX or RX		1.5W each when visual indication turned on	1.7W each when visual indication turned on	
Light immunity		100,000 Lux	60,000 Lux	
Operating temperature range		-10°C to 65°C, as per BS2011 Pt.2.1 Ab and BS2011 Pt.2.2Bb		
EMC compliance to		Emissions to EN 12015:1998; Immunity to EN12016:1998		
Ingress rating		IP65	IP55	IP65

Controller Specifications		
Voltage requirements	195-265V AC or 93-127V AC, 50-60Hz depending on Model ordered. 18-25V DC alternate source	Universal AC supply 85-240V AC or 18-25V DC
Power Consumption	8VA maximum with detectors fitted, visual indication on	5VA maximum with detectors fitted, visual indication on
Door operator relay	240V AC, 10A	250V AC, 24V DC at 5A
Case material	Epoxy Painted Steel	Epoxy Painted Mild Steel
Trigger Duration	250mS typical	250mS typical 2D, 1 second typical 3D
Timeout	Switched ON/OFF 10-70 seconds adjustable	
Visual indication trigger input	12V to 230V, AC or DC. Jumper selectable for rising or falling edge voltage range of signal	
Panachrome Patent Application	0309310.1	
CSA Certification Details	1586962 (LR 53335), Master Contract: 173023 Date issued: 2005/01/14	

Sleep Software Patent Numbers	UK Germany Japan USA	9822359.7 29918009.3 291527/1999 09/416,585	3D Patent Numbers	Europe USA Japan Canada	EP06966 619 5,698,824 3088936 2,153,514
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