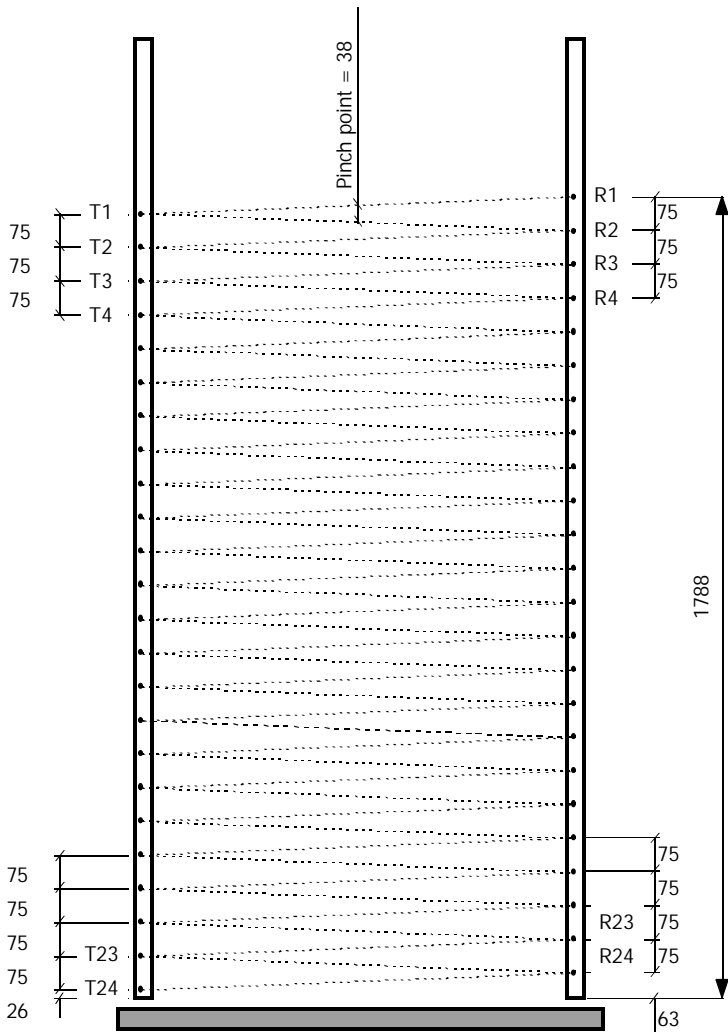


MODEL: FZU⁴⁷ SAFEZONE 3D

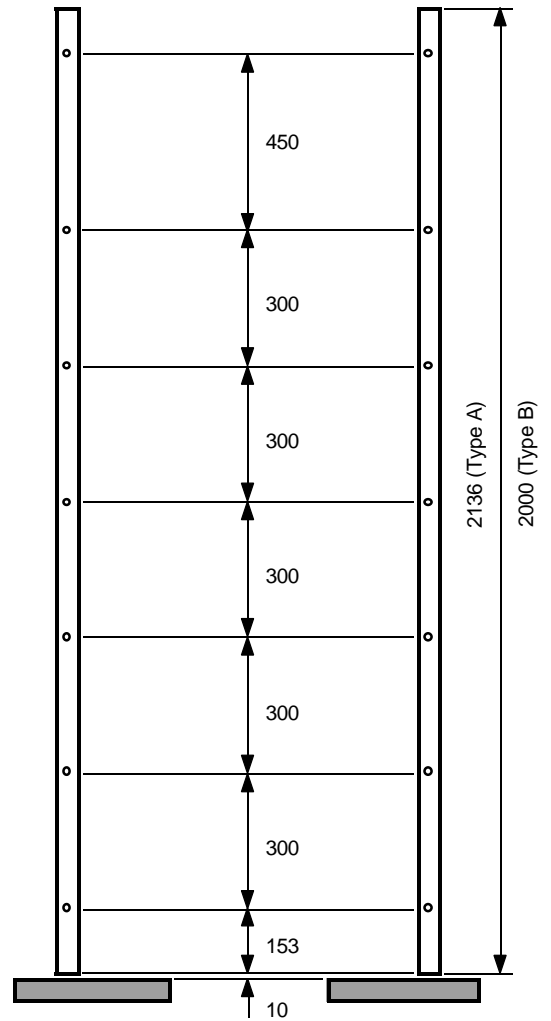
CODE: FZU 104701**

****Customer Specific**

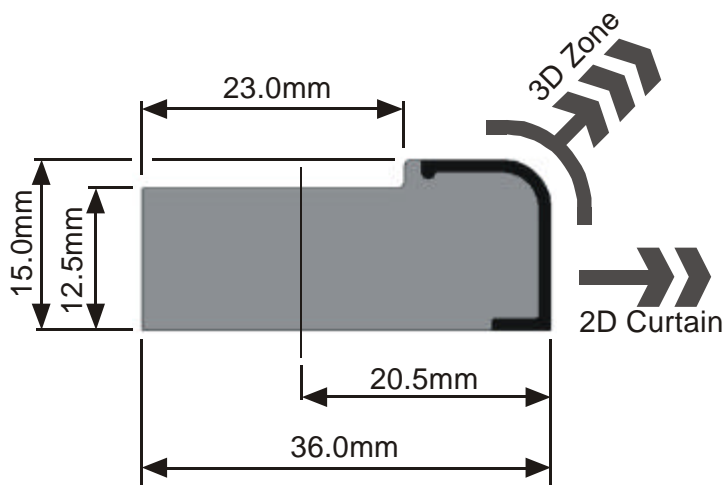
Item	Detail	Additional comments
'2D' FEATURES:		
Number of beams	47 non-focused beams	Infra-red
Number of Sensors	24	See drawing outline
Sensor Spacing	3" (75mm)	See drawing outline
Scan Type	Interleaved	
'3D' FEATURES:		
Number of Sensors	17	
Sensor Spacing	4.5" (112mm)	Nominal
Scan Type	Retro-reflective	Infra-red
COMMON FEATURES:		
Response Time	10 to 100 milliseconds	Relates to point of detection in scan cycle
Operating Range	6' (1800mm) Door opening (max)	
Light Immunity	50,000 lux	Visible light
Angular displacement	10°	
Positional mounting tolerance	+/- 0.2" (5mm) vertically +/- 0.08" (2mm) side by side	Doors closed, units touching
Operating voltage	24 volts	16 volts min 30 volts max
Current consumption	<100 mA RMS	Total of both units
Control unit	Not required	Optional Interface (FPS 0270, FPS 0271)
Environmental protection	IP54	Conformal coating to PCB's
Operating temperature range	0°C to +70°C	
Storage temperature range	-40°C to +80°C	
Unit size	1.4" x 0.6" x 7' (Type A) 36mm x 15mm* x 2136mm 1.4" x 0.6" x 6' 7" (Type B) 36mm x 15mm x 2000mm	
Mounting	Six screw positions	See drawing outline
Indicators	Supply present: System fault / beams obstructed:	Green LED Red LED
Cable supplied	Two x 13' (4m) approx of 4 core cable	Connects to product via short fixed lead
Case material	Aluminium alloy	Finished Black
Cover (filter)	Infra-red transparent plastic	Snap-on fixing
SYSTEM APPROVALS	UL, cUL	



BEAM PATTERN
Fig 1



MOUNTING HOLE POSITION
Fig 2



SECTIONAL MOUNTING DETAIL
Fig 3

PRODUCT SELECTION GUIDE

STANDARD 700 SERIES

Formula Code	Description	Notes
FZU 1047GB01	Safezone 3D Curtain of light	Standard product inclusive of fixings and instructions
FPS 0270GB01	Universal Interface Unit (STD) (for use with Safezone 3D)	Standard Controller Interface 115/240v I/P, Relay Output
FPS 0271GB01	Universal Interface Unit (Enhanced) (for use with Safezone 3D)	Enhance Controller Interface 115/240v I/P, Relay Output plus buzzer nudging feature.