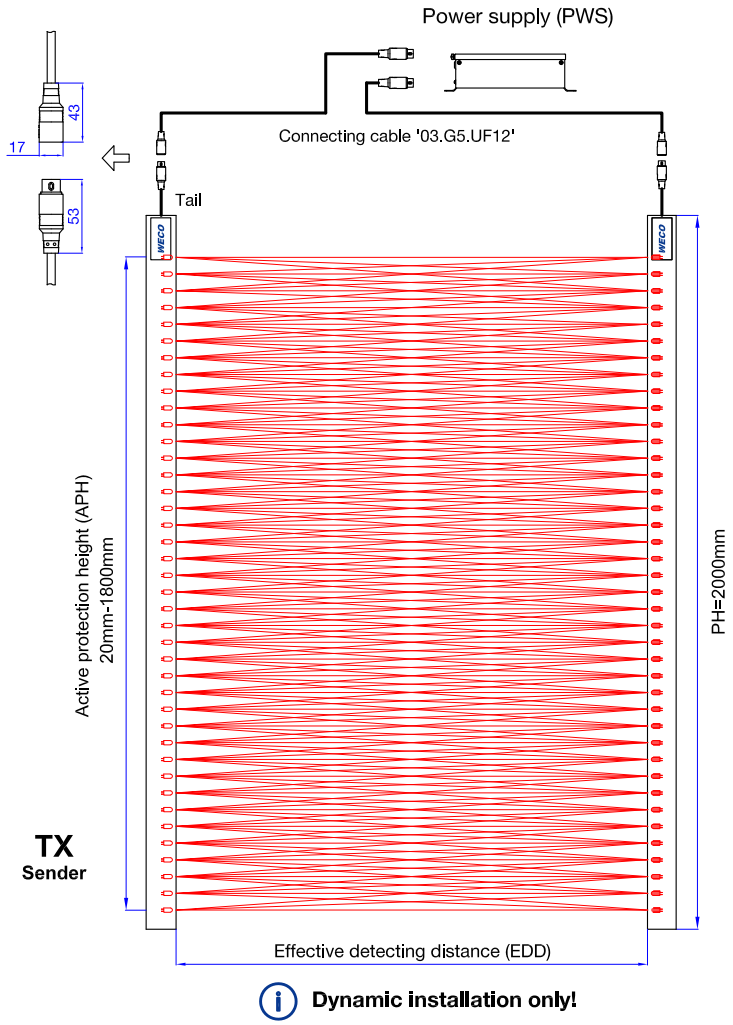
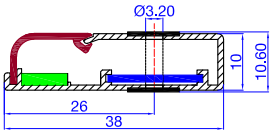
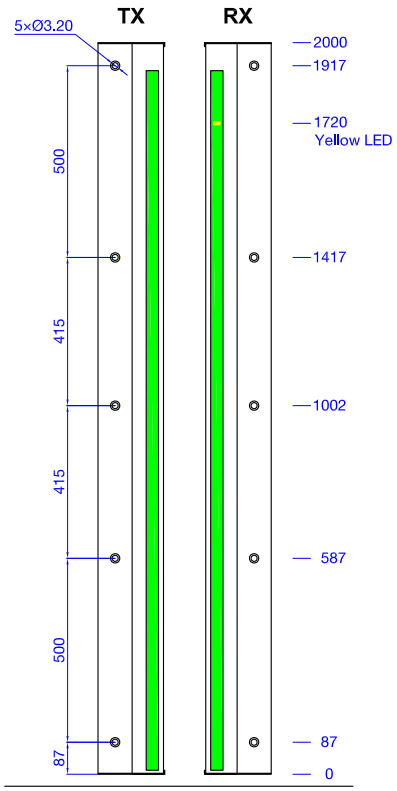
DATA SHEET
DOOR DETECTOR 03.G5.LUX





Profile dimensions



Fixing point positions

Dynamic installation only!

Note: A fuzzy algorithm is taken to calculate the position of doors, which only functions in dynamic installation and adjusts distances and times based on the speed of the door operating system. The information below is for general guidance.

1. DOOR OPENING SEQUENCE
1.1 When the door distance is < 100mm, the LED strip is not lit.
1.2 When the doors are opening, and the gap is between 100mm to 500mm, the LED strip will emit a SOLID RED ● light.
1.3 When the door distance is > 500mm, the LED strip will emit a FLASHING GREEN ✹ light.
1.4 After the doors have been fully opened for 4 seconds, the FLASHING GREEN ✹ light will switch to a SOLID GREEN ● light.

2. DOOR CLOSING SEQUENCE
2.1 When the doors start to close, the LED strip will emit a FLASHING RED ✹ light.
2.2 When the doors are closing, and gap is between 400mm to 100mm, the FLASHING RED ✹ light will switch to a SOLID RED ● light.
2.3 After the doors are fully closed for 4 seconds, the LED strip will turn off.

Max. number of beams	194
Diodes	40
Effective detecting dist.	0mm - 4000mm
Lowest beam (APH)	20mm
Uppermost beam (APH)	1800mm
Dist. between diodes	46.50mm
Response time	100ms
Light immunity	Sunlight immune
Profile height (PH)	2000mm
Profile material	Aluminium
Protection rating	IP54
Operating temperature	-20°C to +65°C
Alignment tolerance	Vertical: +/- 15mm (7°) Horizontal: +/- 3mm (5°)

LEDs in PWS	Green	Power indicator
	Red	✹ Beams interrupted or system fault
		● Normal
Signal output (PWS)		Relay contact: 1 NO & 1 NC
Power consump. (PWS)		<=4w or 100mA@24VDC
Input voltage (PWS)		85VAC - 265VAC
Buzzer		Included in PWS
Protection rating (PWS)		IP31
Norms		EN 81-20 & EN 81-70
EMC - Emission		EN 12015
EMC - Immunity		EN 12016
QMS		ISO9001
EMS		ISO14001

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