ExMo
HAZARDOUS AREA MOTION SENSOR

For further information contact
us on **T +44 (0)1925 852745** or
E sales@ex-mo.co.uk

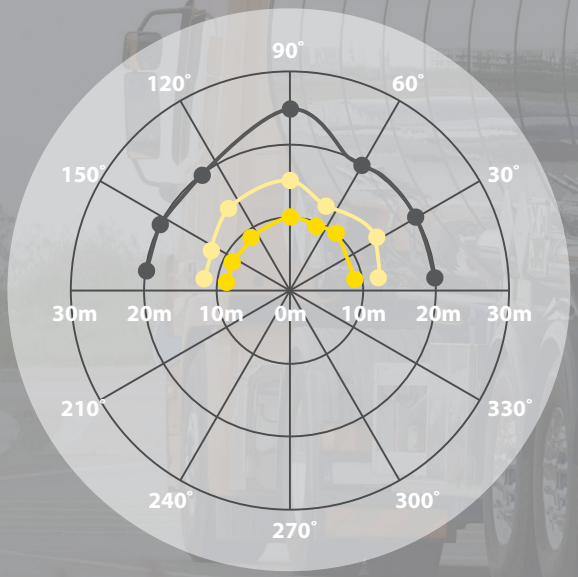
Area Coverage of the ExMo in a Field Test from a Fixed Sensor

(All lengths in Metres)

Sensor Height	**2.2**
Angle Relative to Floor	**-20˚**
Angle Relative to Building Wall	**2.5˚**
Angle of ExMo to Wall	**70.5˚**
Shape of Wall	**Continuous Straight (No Corners)**
Sensitivity Set	**1 Step Down from Maximum Sensitivity**

		Person		Car
Angular rotation		**Distance 1**	**Distance 2***	**Distance 3**
Measured	**Corrected**			
15˚	12.5˚	9m	12m	20m
35˚	32.5˚	9.8m	14.5m	20m
50˚	47.5˚	9.5m	12.5m	20m
73˚	70.5˚	10m	15m	25m
110˚	107.5˚	9m	14m	20m
135˚	132.5˚	9m	12m	20m
137˚	134.5˚	9m	12m	20m
155˚	152.5˚	9m	12m	20m

* Distance 2 less likely to activate than 1.



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