

**Safety Light Curtain  
'Guardshield Type 4'**



The Allen Bradley Guardmaster Guardshield is a fully featured type 4 light curtain housed in a rugged Aluminium case. The unit has a variety of modes selectable by dip switch and is available in either 14mm or 30mm resolution. Type 4 units immediately lock out upon detection of a fault in the safety circuitry. The unit is supplied as a pair consisting of a transmitter and receiver. This guard will need a separate safety relay such as SR6Z or safety monitoring relay such as MSR127RP and connectors.

Supply voltage	24VDC +/- 20%
Current consumption	Max 2A
Outputs safety	2 x PNP 0.5A, current limited
Outputs non safety	1 x PNP 0.5A, current limited
Scanning range 14mm resolution	0.3 to 7m
Scanning range 30mm resolution	0.3 to 18m
Operating Temperature range	-10°C to +55°C
IP Rating	IP65
Housing material	Extruded Aluminium
Approvals	UL, CE

- Features**
- External device monitoring (EDM)
  - Beam coding
  - Start/restart interlock
  - Fixed teachable blanking
  - Floating blanking one or two beam

Stock No.	Manufactures Ref'	Protected height	Resolution	Unit Price		
				1-4	5-9	10-25
5106802	440L-P4J0160YD	160mm	14mm	797.00	777.08	757.15
5106803	440L-P4J0320YD	320mm	14mm	893.00	870.68	848.35
5106808	440L-P4J0480YD	480mm	14mm	1220.00	1189.50	1159.00
5106809	440L-P4J0640YD	640mm	14mm	1420.00	1384.50	1349.00
5106810	440L-P4J0800YD	800mm	14mm	1700.00	1657.50	1615.00
5106811	440L-P4J0960YD	960mm	14mm	1977.00	1927.58	1878.15
5106812	440L-P4J01120YD	1120mm	14mm	2289.00	2231.78	2174.55
5106815	440L-P4K0160YD	160mm	30mm	677.00	660.08	643.15
5106816	440L-P4K0320YD	320mm	30mm	813.00	792.68	772.35
5106817	440L-P4K0480YD	480mm	30mm	1014.00	988.65	963.30
5106818	440L-P4K0640YD	640mm	30mm	1198.00	1168.05	1138.10
5106819	440L-P4K0800YD	800mm	30mm	1562.00	1522.95	1483.90
5106820	440L-P4K0960YD	960mm	30mm	1837.00	1791.08	1745.15
5106821	440L-P4K01120YD	1120mm	30mm	1931.00	1882.73	1834.45

**Perimeter Access Control  
(PAC) 'Guardshield 3 Beam'**



The Allen Bradley Guardmaster Guardshield PAC 3 is a 3 beam type 4 safety light curtain with 400mm beam spacing designed for perimeter or access detection around hazardous machinery. These units offer a cost saving over 30mm and 14mm resolution light curtains where better resolution is not required. Housed in a rugged aluminium case the unit has a variety of modes selectable by dip switch and has a range of 0.5m to 16m. The unit is supplied as a pair consisting of a transmitter and receiver. This guard will need a separate safety relay such as SR6Z or safety monitoring relay such as MSR127RP and connectors.

Supply voltage	24VDC +/- 20%
Current consumption	400mA unloaded
Outputs safety	2 x PNP 0.5A, current limited
Outputs non safety	1 x PNP 0.5A, current limited
Scanning range 400mm resolution	0.5 to 16m
Protective height	810mm
Operating Temperature range	-10°C to +55°C
IP Rating	IP65
Housing material	Extruded Aluminium
Approvals	UL, CE

- Features**
- External device monitoring (EDM)
  - Beam coding
  - Start/restart interlock
  - Fixed teachable blanking
  - Floating blanking one or two beam

Stock No.	Manufactures Ref'	Protected height	Resolution	Unit Price		
				1-4	5-9	10-25
5106823	440L-P4A3400YD	810mm	400mm	872.00	850.20	828.40