Contrinex Safety Light Curtains Accessories

Safety Light Curtains Accessories Overview			
Part Number	Price	Description	Use With
Mirror Columns			
YXC-1060-M11		Safety light curtain mirror column. 1060mm housing height, 974mm mirror length, aluminum profile with steel floor plates. Powder-varnished yellow (RAL1021) finish. Mounting hardware included.	YBB-xxxx-0150-xxx to YBB-xxxx-0800-xxx units
YXC-1960-M11	6.00	Safety light curtain mirror column. 1960mm housing height, 1874mm mirror length, aluminum profile with steel floor plates. Powder-varnished yellow (RAL1021) finish. Mounting hardware included.	YBB-xxxx-1600-xxx to YBB-xxxx-1700-xxxx units
YXC-1360-M23		Safety light curtain mirror column. 1360mm housing height, 2 x 400 beam gap, aluminum profile with steel floor plates. Powder-varnished yellow (RAL1021) finish. Mounting hardware included.	YCA-xxxx-3400-xxx units
YXC-1360-M24		Safety light curtain mirror column. 1360mm housing height, 3 x 300 beam gap, aluminum profile with steel floor plates. Powder-varnished yellow (RAL1021) finish. Mounting hardware included.	YCA-xxxx-4300-xxx units
Protective Columns			
YXC-1960-F00		Safety light curtain protective column. 1897mm housing height, aluminum profile with steel floor plates. Powder-varnished yellow (RAL1021) finish. Mounting hardware included. Two required to protect sender and receiver. 1/pk.	YBB-xxxx-1600-xxx to YBB-xxxx-1800-xxxx units
Other			
YXL-0001-000		Laser alignment tool for safety light curtains, class 2 laser, range up to 50 meters, useable and clippable to YBB and YCA light curtains models, 2 AAA batteries included.	YBB Series YCA Series
YXW-0001-000		Safety light curtain mounting brackets for top and bottom mounting. Plastic. 2/pk.	
YXW-0003-000		Safety light curtain sliding T-nuts for side mounting. Metal. 2/pk. Ideal torque from M5x0.8 thread is 6 Nm (4.42 lb-ft, 53.1 lb-in.).	
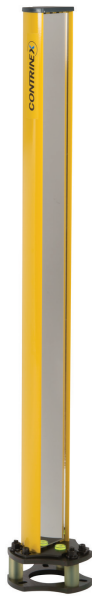
YXW-0001-000

YXW-0003-000

YXL-0001-000

Light Curtain Mirror Columns
- Multi-sided safe guarding of danger zones
- Robust protective profile
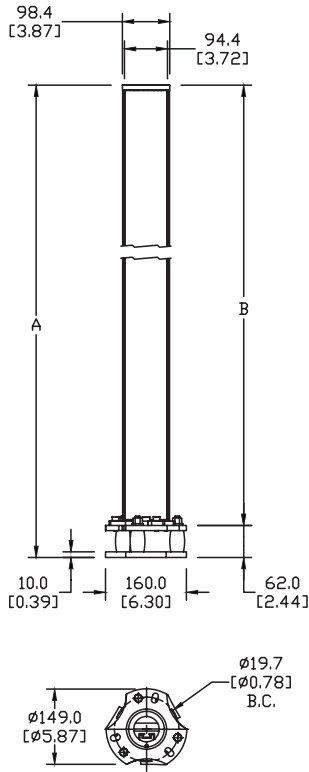- 10% reduction of operating distance for mirror

Light Curtain Protective Column
- Automatically bounces back after physical shock or vibration.
- Robust baseplate allows radial and vertical alignment.
- Solid aluminum profile
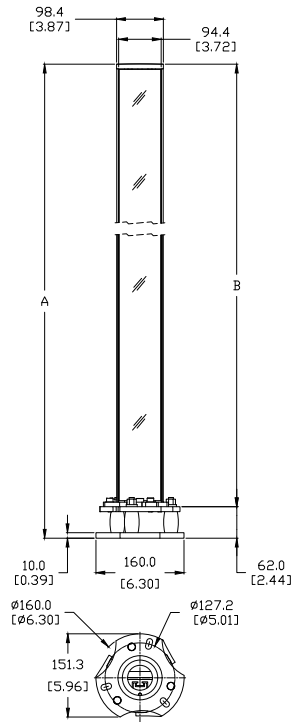
Contrinex Safety Light Curtains Accessories
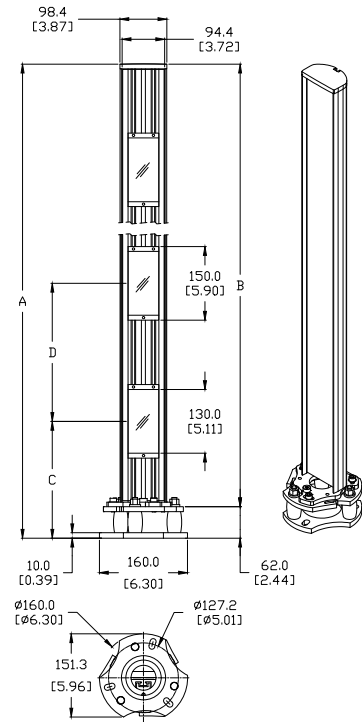
Dimensions mm [in]

Protective column

98.4 [3.87]
94.4 [3.72]

A
B

10.0 [0.39]
160.0 [6.30]
62.0 [2.44]

Ø19.7 [Ø0.78] B.C.
Ø149.0 [Ø5.87]

Mirror column

CONTINUOUS MIRROR

98.4 [3.87]
94.4 [3.72]

A
B

10.0 [0.39]
160.0 [6.30]
62.0 [2.44]

Ø160.0 [Ø6.30]
Ø127.2 [Ø5.01]
151.3 [5.96]

YXC-xxxx-M11

SEGMENTED MIRRORS

98.4 [3.87]
94.4 [3.72]

A
B
D
C

150.0 [5.90]
130.0 [5.11]

10.0 [0.39]
160.0 [6.30]
62.0 [2.44]

Ø160.0 [Ø6.30]
Ø127.2 [Ø5.01]
151.3 [5.96]

YXC-1360-Mxx

Safety Light Curtains Protective Columns Dimensions

Part Number	Total Height A mm [in]	Housing Height B mm [in]
YXC-1960-F00	1960 [77.17]	1897 [74.69]

Note: Full and open top caps are provided to accommodate taller units.

Safety Light Curtains Mirror Columns Dimensions

Part Number	Total Height A mm [in]	Mirror Height B mm [in]	Height to Lowest Beam C mm [in]	Beam Gap D mm [in]
YXC-1060-M11	1060 [41.73]	974 [38.35]	n/a	n/a
YXC-1360-M11	1360 [53.54]	1274 [50.16]	n/a	n/a
YXC-1960-M11	1960 [77.17]	1874 [73.78]	n/a	n/a
YXC-1360-M23	1360 [53.54]	n/a	2 x 400 [2 x 15.75]	300 [11.81]
YXC-1360-M24	1360 [53.54]	n/a	3 x 300 [2 x 11.81]	300 [11.81]

Mounting bracket

7.0 [0.28]
59.0 [2.32]
35.0 [1.38]
42.0 [1.65]
7.0 [0.28]
19.5 [0.77]
32.0 [1.26]

Ø6.3 [Ø0.25]
Ø5.3 [Ø0.21]
Ø5.3 [Ø0.21]
25.0 [0.98]
42.0 [1.65]

T-Nuts for side mounting

13.0 [0.51]
M5 THRU
13.0 [0.51]
10.0 [0.39]
5.0 [0.20]

Contrinex Safety Light Curtains Accessories

Mounting bracket

YXW-0001-000

7.0 [0.28]
59.0 [2.32]
35.0 [1.38]
42.0 [1.65]
7.0 [0.28]
19.5 [0.77]
32.0 [1.26]

Ø6.3 [Ø0.25]
Ø5.3 [Ø0.21]
Ø5.3 [Ø0.21]
25.0 [0.98]
42.0 [1.65]
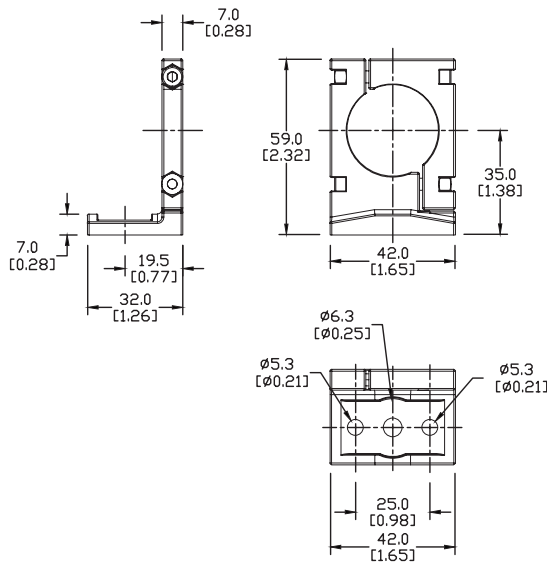
T-Nuts for side mounting

YXW-0003-000

M5 THRU
13.0 [0.51]
13.0 [0.51]
10.0 [0.39]
5.0 [0.20]
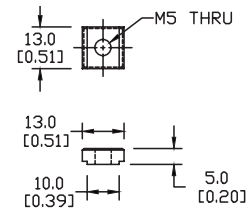
Laser Alignment Tool

- Clips on YBB and YCA Curtains/Barriers
- High quality lens for narrow output beam
- Up to 50m [164ft] range
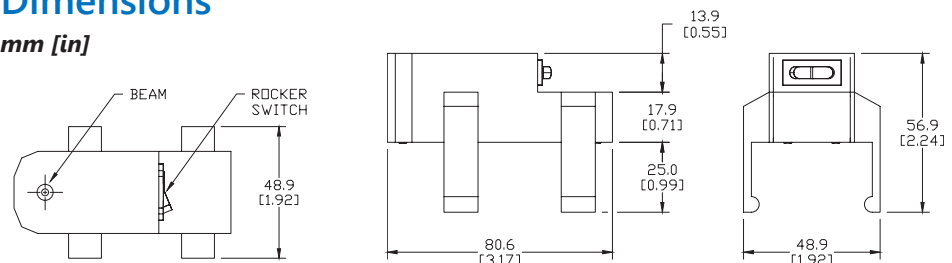- <1mW output power
- Standard AA batteries included

YXL-0001-000

Laser Alignment Tool YXL-0001-000 Specifications	
Supply Voltage Range	2.5 – 3.3 VDC
Laser Module Optical Output Power	<1mW (Class 2)
Range	50m (164ft)
Ambient Temperature Range	0-40°C (32-104°F)
Storage Temperature Range	0-60°C (32-140°F)
Wavelength	655nm ± 1%
Laser Beam Spot Size at 10m	< 10mm
Divergence Angle	1.1 mrad
Housing Material	PA with 30% fiberglass
Mounting	Clippable onto YBB / YCA devices
Weight	95g (0.21 lb)

Dimensions

mm [in]

BEAM
ROCKER SWITCH
48.9 [1.92]

13.9 [0.55]
17.9 [0.71]
25.0 [0.99]
80.6 [3.17]

56.9 [2.24]
48.9 [1.92]

Contrinex Safety Light Curtains YBxS Accessories

		Contrinex Safety Light Curtains YBxS Accessories			
Part Number	Price	Description	Material	Mounting	Use With
YXW-0005-000		Contrinex mounting bracket. Package of 2.	Glass fiber reinforced polyamide	Top and bottom mount	YBxS series light curtains
YXW-0006-000		Contrinex mounting bracket. Package of 2.	Stainless steel	Side mount	YBxS series light curtains
YXW-0007-000		Contrinex mounting bracket. Package of 2.	Stainless steel	Side or end mount	YBxS series light curtains
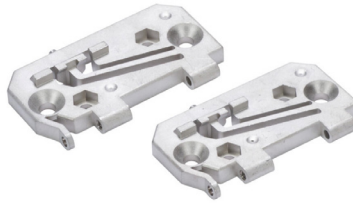
YXW-0005-000   YXW-0006-000   YXW-0007-000

Warning: Safety products sold by AutomationDirect are Safety components only.

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