# Contrinex Safety Columns

| Contrinex Safety Columns Selection Chart | | | |
|---|---|---|---|
| **Part Number** | **Price** | **Description** | **Use With** |
| **Mirror Columns** | | | |
| YXC-1280-M11 | $767.00 | Contrinex mirror column, 1281mm [50.43 in] housing, 1082mm [42.60 in] mirror(s). For use with safety light curtains. Mounting hardware included. | YBB-xxxx-0150-xxxx to YBB-xxxx-0900-xxxx YCA-xxxx-3400-xxxx |
| YXC-1715-M11 | $905.00 | Contrinex mirror column, 1716mm [67.56 in] housing, 1532mm [60.31 in] mirror(s). For use with safety light curtains. Mounting hardware included. | YBB-xxxx-0150-xxxx to YBB-xxxx-1400-xxxx YCA-xxxx-3400-xxxx to YCA-xxxx-4400-xxxx |
| YXC-2015-M11 | $1,047.00 | Contrinex mirror column, 2016mm [79.37 in] housing, 1682mm [66.22 in] mirror(s). For use with safety light curtains. Mounting hardware included. | YBB-xxxx-0150-xxxx to YBB-xxxx-1600-xxxx YCA-xxxx-3400-xxxx to YCA-xxxx-4400-xxxx |
| YXC-2215-M11 | $1,192.00 | Contrinex mirror column, 2216mm [87.24 in] housing, 1832mm [72.13 in] mirror(s). For use with safety light curtains. Mounting hardware included. | YBB-xxxx-0150-xxxx to YBB-xxxx-1700-xxxx YCA-xxxx-3400-xxxx to YCA-xxxx-4400-xxxx |
| YXC-1185-M23 | $468.00 | Contrinex mirror column, 1185mm [46.65 in] housing, (3) 90mm [3.54 in] mirror(s). For use with safety light curtains. Mounting hardware included. | YCA-xxxx-3400-xxxx |
| YXC-1285-M24 | $558.00 | Contrinex mirror column, 1285mm [50.59 in] housing, (4) 90mm [3.54 in] mirror(s). For use with safety light curtains. Mounting hardware included. | YCA-xxxx-4300-xxxx |
| **Protective Columns** | | | |
| YXC-0985-F00 | $434.00 | Contrinex protective column, 965mm [37.99 in] housing. For use with safety light curtains. Mounting hardware included. | YBB-xxxx-0150-xxxx to YBB-xxxx-0800-xxxx |
| YXC-1285-F00 | $478.00 | Contrinex protective column, 1265mm [49.80 in] housing. For use with safety light curtains. Mounting hardware included. | YBB-xxxx-0150-xxxx to YBB-xxxx-1000-xxxx YCA-xxxx-3400-xxxx. |
| YXC-1740-F00 | $518.00 | Contrinex protective column, 1720mm [67.72 in] housing. For use with safety light curtains. Mounting hardware included. | YBB-xxxx-0150-xxxx to YBB-xxxx-1400-xxxx YCA-xxxx-3400-xxxx to YCA-xxxx-4400-xxxx |
| YXC-2040-F00 | $539.00 | Contrinex protective column, 2020mm [79.53 in] housing. For use with safety light curtains. Mounting hardware included. | YBB-xxxx-0150-xxxx to YBB-xxxx-1700-xxxx YCA-xxxx-3400-xxxx to YCA-xxxx-4400-xxxx |
| **Other** | | | |
| YXL-0001-000 | $294.00 | Laser alignment tool for safety light curtains, class 2 laser, range up to 50m [164.04 ft], useable and clippable to YBB and YCA light curtains models, 2 AA batteries included. | YBB Series YCA Series |
| YXW-0001-000 | $8.25 | Safety light curtain mounting brackets for top and bottom mounting. Plastic. 2/pk. | |
| YXW-0003-000 | $8.25 | Safety light curtain sliding T-nuts for side mounting. Metal. 2/pk. Ideal torque from M5x0.8 thread is 6 N•m (4.42 lb•ft, 53.1 lb•in). | |



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

### Light Curtain Protective Columns
- Automatically bounces back after physical shock or vibration.
- Robust baseplate allows radial and vertical alignment.
- Solid aluminum profile
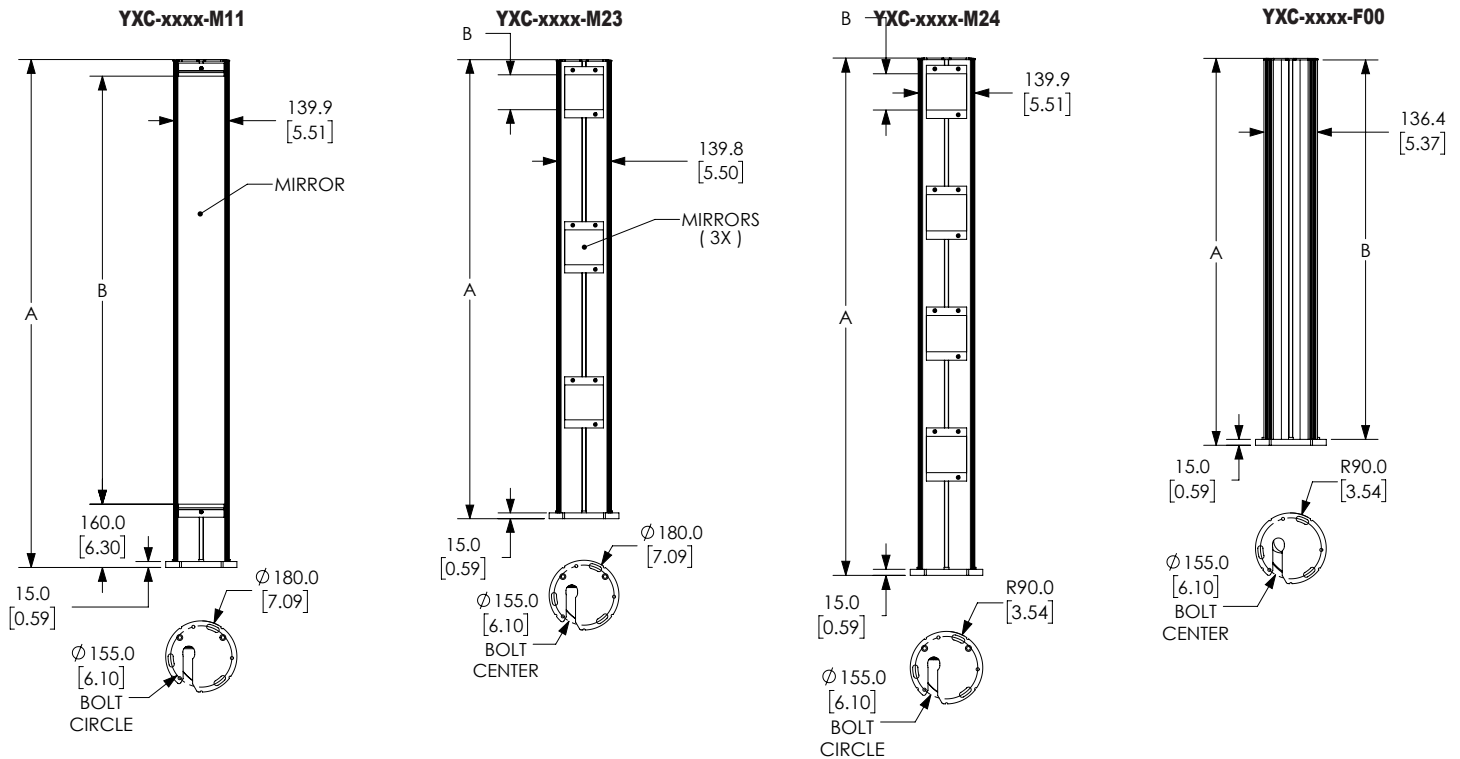
YXW-0001-000

YXW-0003-000

YXL-0001-000

YXC-1280-M11    YXC-1185-M23

YXC-1285-F00

# Contrinex Safety Columns

## Dimensions

*mm [in]*



**YXC-xxxx-M11**

139.9 [5.51]

MIRROR

A · B

160.0 [6.30]

15.0 [0.59]

∅ 180.0 [7.09]

∅ 155.0 [6.10] BOLT CIRCLE

**YXC-xxxx-M23**

B

139.8 [5.50]

MIRRORS ( 3X )

A

15.0 [0.59]

∅ 180.0 [7.09]

∅ 155.0 [6.10] BOLT CENTER

**YXC-xxxx-M24**

B

139.9 [5.51]

A

15.0 [0.59]

R90.0 [3.54]

∅ 155.0 [6.10] BOLT CIRCLE

**YXC-xxxx-F00**

136.4 [5.37]

A · B

15.0 [0.59]

R90.0 [3.54]

∅ 155.0 [6.10] BOLT CENTER

| Safety Light Curtains Mirror Columns Dimensions | | | | |
|---|---|---|---|---|
| Part Number | Total Height A mm [in] | Mirror Height B mm [in] | Height to Lowest Beam mm [in] | Beam Gap mm [in] |
| YXC-1280-M11 | 1281 [50.43] | 1082 [42.60] | – | – |
| YXC-1715-M11 | 1716 [67.56] | 1532 [60.31] | – | – |
| YXC-2015-M11 | 2016 [79.37] | 1682 [66.22] | – | – |
| YXC-2215-M11 | 2216 [87.24] | 1832 [72.13] | – | – |
| YXC-1185-M23 | 1185 [46.65] | 90 [3.54] | 300 [11.81] | 400 [15.75] |
| YXC-1285-M24 | 1285 [50.59] | 90 [3.54] | 300 [11.81] | 300 [11.81] |

| Safety Light Curtains Protective Columns Dimensions | | |
|---|---|---|
| Part Number | Total Height A mm [in] | Housing Height B mm [in] |
| YXC-0985-F00 | 985 [38.78] | 965 [37.99] |
| YXC-1285-F00 | 1285 [50.59] | 1265 [49.80] |
| YXC-1740-F00 | 1740 [68.50] | 1720 [67.72] |
| YXC-2040-F00 | 2040 [80.31] | 2020 [79.53] |

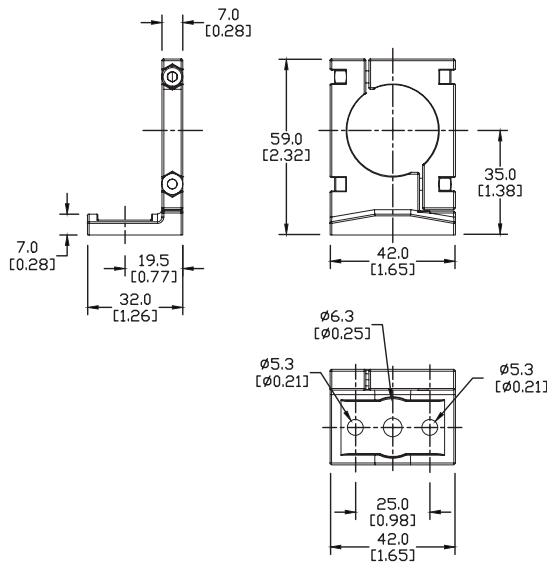*Note: Full and open top caps are provided to accommodate taller units.*

See our website www.AutomationDirect.com for complete engineering drawings.

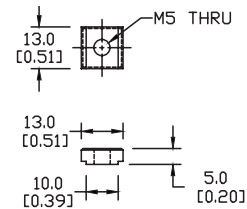# Contrinex Safety Light Curtains Accessories

## 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

13.0 [0.51]
M5 THRU
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
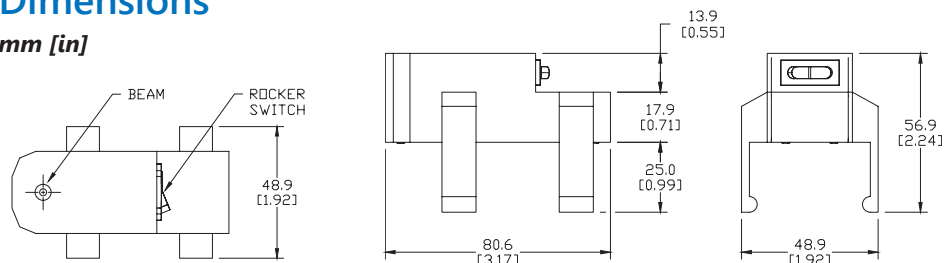- <1mW output power
- Standard AA batteries included

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]

*See our website www.AutomationDirect.com for complete engineering drawings.*

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

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