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Allen-Bradley by ROCKWELL AUTOMATION

Rockwell Automation

# 855 Control Tower Stack Lights



Bulletin 855 Control Tower™ Stack Lights provide multi-status indication of your application. They are available in three sizes with UL Type 4/4X/13, IP65 ratings, to meet the most challenging panel and on-machine applications. We have a wide variety of light and sound functions, colors, voltages, and mounting options. We offer stack lights as separate light and sound modules or pre-assembled for greater flexibility.

## Features

- Available in 30 mm, 50 mm, and 70 mm sizes
- Steady and flashing status indicator light modules
- Continuous or pulsing piezo sound modules
- Stacking configurations 1...5 modules high
- Multiple mounting options
- Top-mounted terminal blocks on all bases
- DeviceNet bases available

***855T Transducer-style Sound Modules***

Our sound modules are available in up to 15 tones, with adjustable volume, frequency, and speed. To hear an option, select any tone from the table below.

| **Transducer-style Sound Modules [.WAV]** | | | | |
|---|---|---|---|---|
| Gong 1 | Gong 2 | Gong 3 | Changing (500 Hz) | Continuous (500 Hz) |
| Continuous (1500 Hz) | Emergency | Interrupted (500 Hz) | Interrupted (1500 Hz) | Ascending |
| Descending | Signal (100 Hz) | Sine Wave | Siren | Triangle |

## Product Comparison

| | **Compact Control Tower™ Lights** | | **Control Tower™ Lights** | |
|---|---|---|---|---|
| **Bulletin** | **855D** | **855F** | **855E** | **855T** |
| **Size** | **30 mm** | **70 mm** | **50 mm** | **70 mm** |

| | | | | |
|---|---|---|---|---|
| **Environmental Ratings** | UL Type 4/4X/13, IP65<br>Indoor and outdoor use | UL Type 4/4X/13, IP65<br>Indoor and outdoor use | UL Type 4/4X/13, IP65 on all bases, lights and caps sound modules<br>Indoor and outdoor use | UL Type 4/4X/13, IP65 on all bases, lights piezo-style sound and caps (sound and light with sound combo modules are IP54)<br>Indoor and outdoor use |
| **Ease of Assembly, Base Wiring and Lamp Changes** | No assembly required - all towers are assembled, wired, and tested at the factory | No assembly required - all towers are assembled, wired, and tested at the factory | No-tools assembly and maintenance, "Twist-off" lenses for easy lamp changes, top-mounted terminal block for easy base wiring | No-tools assembly and maintenance, "Twist-off" lenses for easy lamp changes, top-mounted terminal block for easy base wiring |
| **Illumination Types** | LED | LED | Incandescent, socket-mount LED, or strobe | Incandescent, socket-mount LED, or strobe |
| **Lens Colors** | Green, red, amber, blue, yellow, clear | Green, red, amber, blue, yellow, clear | Green, red, amber, blue, yellow, clear | Green, red, amber, blue, yellow, clear |
| **Pole-Mount Base Options** | Surface, 10 cm metric tube, and 25 cm metric tube | Surface, 10 cm metric tube, and 25 cm metric tube | 10, 25, 40, 60, and 80 cm bases | 10, 25, 40, 60, and 80 cm – aluminum or stainless steel bases |
| **Other Base Mounting Options** | Vertical bracket, conduit adapter, and quick-release base | Vertical bracket, conduit adapter, and quick-release base | Surface-mount bases (surface-mount bases also feature 1/2 NPT, PG16, and M20 threading options), vertical-mount bases, and quick-release bases | Surface-mount bases (surface-mount bases also feature 1/2 NPT, PG16, and M20 threading options) vertical-mount bases, and quick-release bases |
| **Housing Colors** | Black or grey base housing | Black base housing | Black or grey base housing | Black or grey base housing |
| **Sound Options** | Piezo-style sound modules in single and two tone | Piezo-style sound modules in single and two tone | Piezo-style sound modules in single and two tone | Transducer-style or piezo-style sound modules available in single or two tone (sound modules are UL Type 12, IP54), Piezo styles and modules also available in 4/4X |
| **Connectivity** | Standard connectivity | Standard connectivity | Standard connectivity | Standard or DeviceNet connectivity |
| **Voltage Options** | Bases available in: 24V AC/DC, 120V AC, 240V AC as standard offerings | Bases available in: 24V AC/DC, 120V AC, 240V AC as standard offerings | All modules available in: 12V AC/DC, 24V AC/DC, 120V AC, 240V AC as standard offerings | All modules available in: 12V AC/DC, 24V AC/DC, 120V AC, 240V AC as standard offerings |

| | | | | |
|---|---|---|---|---|
| **Pole Connection Box** | – | – | Surface, vertical, and magnetic mount | Surface, vertical, and magnetic mount |
| **Standards** | cULus Listed, CE | cULus Listed, CE | cULus Listed and CE on all components | cULus Listed and CE on all components |
| **Operating Temperature** | -25...+50 °C (-13...+122 °F) | -25...+60 °C (-13...+140 °F) | -25...+50 °C (-13...+122 °F) | -25...+70 °C (-13...+158 °F) |
| **Material** | Polycarbonate - bases, cap, lens cover, sound module housing, lens, & lamp socket | Polycarbonate - bases, cap, lens cover, sound module housing, lens, & lamp socket | Polycarbonate (no sound module) - bases, cap, lens cover, lens, & lamp socket | Polycarbonate - bases, cap, lens cover, sound module housing, lens, & lamp socket |

## Certifications

- CE Marked (855T, 855E, and 855F only)
- cULus Listed — File No. E14840; Guide Nos. NKCR, NKCR7

## Standards Compliance

- CSA C22.2 No. 14
- EN/IEC 60947-1
- EN/IEC 60947-5-1
- UL 508

## Configuration & Selection Tools

- CrossWorks — Convert competitive catalog numbers to similar Allen-Bradley® products.
- ProposalWorks — Build complete quotes and proposals.

## Other Resources

- Knowledgebase — Visit our online resource for technical information, support chat and forums, software updates, and product safety advisories/notices.

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