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Migration Solutions

Allen-Bradley

855T to 856T 70mm Control Tower™ Signaling System

Why Upgrade or Migrate

Thanks to the latest advances in LED technology, the expectations of industrial signaling products have evolved and become more demanding. Users are looking for signaling devices that are not only brighter, but that offer greater flexibility to meet demanding – and changing – application requirements. These devices must also be easy to select and have the availability to support faster delivery of the machine or allow for easy configuration changes in the field.

While the Bulletin 855T has been a valuable part of our Control Tower signaling portfolio for more than 20 years, this product will no longer be available for sale after October 1, 2019* and consequently, it is the time to migrate to the new 856T ControlTower 70mm tower light system.

The new 856T Control Tower signaling system features a proven, modular construction design similar to the 855T but incorporates brighter LED illumination and a broad offering of sound technologies all in a 70mm diameter housing. This new design allows the 856T to meet the widest range of signaling applications with a reduced number of components (SKUs) without compromising functionality and flexibility.

* Discontinued date may be subject to change.



Bulletin 855T Signaling System

Bulletin 856T Next Generation Control Tower Signaling System

Identify, Mitigate and Help Eliminate the Risk of Automation Obsolescence

In today's economy, it is necessary to have migration solutions that help you to achieve increased productivity and lessen your risk of maintaining your legacy equipment. You need to work with a supplier that has the product, service and industry knowledge to partner with you on an upgrade strategy that will help you maximize your competitive advantage.

Rockwell Automation and its partners will work with you to outline a plan that fits your application needs and long-term goals. We can help you migrate all at once or in phases, at the pace that is comfortable for you and fits your budget.

With your goals in mind, Rockwell Automation has developed a migration strategy that will allow you to quickly and easily migrate from 855T to 856T Control Tower signaling sytsem.

Product Lifecycle

Use the *Product Lifecycle Status* search tool on the web to find specific lifecycle information by catalog number.



- ACTIVE: Most current offering within a product category.
- ACTIVE MATURE: Product is fully supported, but a newer product or family exists. Gain value by migrating.
- END OF LIFE: Discontinued date announced – actively execute migrations and last time buys. Product generally orderable until the discontinued date.[1]
- DISCONTINUED: New product no longer manufactured or procured.[2] Repair/exchange services may be available.

1 - Outages on specific items may occur prior to the Discontinued date. 2 - Limited stock may be available in run-out mode, regionally.

LISTEN. THINK. SOLVE.®

Bulletin 856T Features and Benefits

- The Control Tower 856T is capable of accommodating up to seven modules in the same stack, offering customers the ability to monitor more machine or process conditions in a single device. The product line will be available for purchase as separate components or as pre-configured, factory-assembled stack lights for optimal flexibility.
- The system is composed of a base mounting adaptor, a functional power module and the required light and sound modules, up to 7 as required by the application.
- The Bulletin 856T also includes a series of non-stackable beacon-shaped light modules, designed for applications where a beacon is preferred over a stack light. The advantage is that beacons and stack lights share the same mounting options, allowing for simplified product selection/configuration as well as easier changes in the field.
- All Bulletin 856T light and sound modules are rated for 24V AC/DC, which allows for a significant reduction in the number of components to select while allowing for additional functionality not present in our 855T line. This new functionality includes multi-function light modules that can be configured via DIP switch to work as steady only, flashing, strobe (single or double pulse); an RGB multicolor LED light module capable of producing up to seven colors and an improved version of the rotating light module now available in six colors. All provide increased flexibility to meet the full range from basic to complex application requirements.
- To increase operator awareness a series of different audible choices can be used either to complement the visual indication or provide separate indication of the machine's status or condition. These sound options include multi-tone piezoelectric, multi-tone transducer and recordable technologies.
- Direct control of the lights in AC voltage applications is achieved through an innovative extended range (120/240V AC) functional power module available in two versions capable of controlling up to three circuits or up to seven to circuits.
- All of the light and sound modules meet IP66/67 for reliable performance in tough environmental conditions.

Light and Sound Modules Migration Table (24V AC/DC)

Important: *Bulletin 856T is offered in black color housing only. Bulletin 856T does not offer 12V DC as operating voltage.*

Operational Voltage	Light Modules	Catalog Number 855T	Functional Replacement 856T	Notes:
24V AC/DC	Steady Incandescent	855T-B24DN*	856T-BT*	856T-BT* is LED technology.
	Steady LED	855T-B24TL*		
	Flashing Incandescent	855T-B24FN*	856T-BB*	856T-BB* is a LED multi-function module. It can be configured as Steady, Flashing, Strobe (one pulse) or Strobe (two pulses).
	Flashing LED	855T-B24GL*		
	Xenon Strobe	855T-B24BR*		
	Rotating Light Module	855T-B24RL*	856T-BR*	856T-BR* is LED technology available in six colors.
	Combination Modules	**855T**	**856T**	**Notes:**
	Steady Incandescent w/sound	855T-B24DC*	856T-BT* + 856T-BP1	856T-BT* is LED technology. 856T-BT* and 856T-BP1 should be purchased as separate components.
	2-circuit Steady Incandescent w/sound	855T-B24DD*		
	Steady LED w/sound	855T-B24TC*	856T-BT* + 856T-BP1	856T-BT* and 856T-BP1 should be purchased as separate components.
	Flashing Incandescent w/sound	855T-B24FC*	856T-BB* + 856T-BP1	856T-BB* is LED technology. 856T-BB* and 856T-BP1 should be purchased as separate components.
	Flashing LED w/sound	855T-B24GC*	856T-BB* + 856T-BP1	856T-BB* and 856T-BP1 should be purchased as separate components.
	Xenon Strobe w/sound	855T-B24BC*	856T-BB* + 856T-BP1	856T-BB* is LED technology. 856T-BB* and 856T-BP1 should be purchased as separate components.
	Sound Modules	**855T**	**856T**	**Notes:**
	Transducer one tone	855T-B24SA1	856T-BTR3	856T-BTR3 transducer can produce 1, 3 or 7 tones depending on number of circuits available in the stack light.
	Transducer two tones	855T-B24TA1		
	Piezo IP54 one tone	855T-B24SA2	856T-BP1	856T-BP1 is a one circuit, 8 tone Piezo sounder.
	Piezo IP54 two tones	855T-B24TA2	856T-BTR3	856T-BTR3 transducer can produce 1, 3 or 7 tones depending on number of circuits available in the stack light.
	Piezo IP65 one tone	855T-B24SA3	856T-BP1	856T-BP1 is a one circuit, 8 tone Piezo sounder.
	Piezo IP65 two tones	855T-B24TA3	856T-BTR3	856T-BTR3 transducer can produce 1, 3 or 7 tones depending on number of circuits available in the stack light.

* Denotes color: 3=green, 4=red, 5=amber, 6=blue, 7=clear and 8=yellow

Light and Sound Modules Migration Table (120V AC)

Important: *856T catalog numbers listed in this table should be mounted in a stack light with one of 856T-BAC3C or 856T-BAC7C power module to be operational.*

Operational Voltage	Light Modules	Catalog Number 855T	Functional Replacement 856T	Notes:
120V AC	Steady Incandescent	855T-B10DN*	856T-BT*	856T-BT* is LED technology.
	Steady LED	855T-B10TL*		
	Flashing Incandescent	855T-B10FN*	856T-BB*	856T-BB* is a LED multi-function module. It can be configured as Steady, Flashing, Strobe (one pulse) or Strobe (two pulses).
	Flashing LED	855T-B10GL*		
	Xenon Strobe	855T-B10BR*		
	Rotating Light Module	855T-B10RL*	856T-BR*	856T-BR* is LED technology available in six colors.
	Combination Modules	**855T**	**856T**	**Notes:**
	Steady Incandescent w/sound	855T-B10DC*	856T-BT* + 856T-BP1	856T-BT* is LED technology. 856T-BT* and 856T-BP1 should be purchased as separate components.
	2-circuit Steady Incandescent w/sound	855T-B10DD*		
	Steady LED w/sound	855T-B10TC*		856T-BT* and 856T-BP1 should be purchased as separate components.
	Flashing Incandescent w/sound	855T-B10FC*	856T-BB* + 856T-BP1	856T-BB* is LED technology. 856T-BB* and 856T-BP1 should be purchased as separate components.
	Flashing LED w/sound	855T-B10GC*		856T-BB* and 856T-BP1 should be purchased as separate components.
	Xenon Strobe w/sound	855T-B10BC*		856T-BB* is LED technology. 856T-BB* and 856T-BP1 should be purchased as separate components.
	Sound Modules	**855T**	**856T**	**Notes:**
	Transducer one tone	855T-B10SA1	856T-BTR3	856T-BTR3 transducer can produce 1, 3 or 7 tones depending on number of circuits available in the stack light.
	Transducer two tones	855T-B10TA1		
	Piezo IP54 one tone	855T-B10SA2	856T-BP1	856T-BP1 is a one circuit, 8 tone Piezo sounder.
	Piezo IP54 two tones	855T-B10TA2	856T-BTR3	856T-BTR3 transducer can produce 1, 3 or 7 tones depending on number of circuits available in the stack light.
	Piezo IP65 one tone	855T-B10SA3	856T-BP1	856T-BP1 is a one circuit, 8 tone Piezo sounder.
	Piezo IP65 two tones	855T-B10TA3	856T-BTR3	856T-BTR3 transducer can produce 1, 3 or 7 tones depending on number of circuits available in the stack light.

* Denotes color: 3=green, 4=red, 5=amber, 6=blue, 7=clear and 8=yellow

Light and Sound Modules Migration Table (240V AC)

Important: *856T catalog numbers listed in this table should be mounted in a stack light with one of 856T-BAC3C or 856T-BAC7C power module to be operational.*

Operational Voltage	Light Modules	Catalog Number 855T	Functional Replacement 856T	Notes:
240V AC	Steady Incandescent	855T-B20DN*	856T-BT*	856T-BT* is LED technology.
	Steady LED	855T-B20TL*		
	Flashing Incandescent	855T-B20FN*	856T-BB*	856T-BB* is a LED multi-function module. It can be configured as Steady, Flashing, Strobe (one pulse) or Strobe (two pulses).
	Flashing LED	855T-B20GL*		
	Xenon Strobe	855T-B20BR*		
	Rotating Light Module	855T-B20RL*	856T-BR*	856T-BR* is LED technology available in six colors.
	Combination Modules	**855T**	**856T**	**Notes:**
	Steady Incandescent w/sound	855T-B20DC*	856T-BT* + 856T-BP1	856T-BT* is LED technology. 856T-BT* and 856T-BP1 should be purchased as separate components.
	2-circuit Steady Incandescent w/sound	855T-B20DD*		
	Steady LED w/sound	855T-B20TC*		856T-BT* and 856T-BP1 should be purchased as separate components.
	Flashing Incandescent w/sound	855T-B20FC*	856T-BB* + 856T-BP1	856T-BB* is LED technology. 856T-BB* and 856T-BP1 should be purchased as separate components.
	Flashing LED w/sound	855T-B20GC*		856T-BB* and 856T-BP1 should be purchased as separate components.
	Xenon Strobe w/sound	855T-B20BC*		856T-BB* is LED technology. 856T-BB* and 856T-BP1 should be purchased as separate components.
	Sound Modules	**855T**	**856T**	**Notes:**
	Transducer one tone	855T-B20SA1	856T-BTR3	856T-BTR3 transducer can produce 1, 3 or 7 tones depending on number of circuits available in the stack light.
	Transducer two tones	855T-B20TA1		
	Piezo IP54 one tone	855T-B20SA2	856T-BP1	856T-BP1 is a one circuit, 8 tone Piezo sounder.
	Piezo IP54 two tones	855T-B20TA2	856T-BTR3	856T-BTR3 transducer can produce 1, 3 or 7 tones depending on number of circuits available in the stack light.
	Piezo IP65 one tone	855T-B20SA3	856T-BP1	856T-BP1 is a one circuit, 8 tone Piezo sounder.
	Piezo IP65 two tones	855T-B20TA3	856T-BTR3	856T-BTR3 transducer can produce 1, 3 or 7 tones depending on number of circuits available in the stack light.

* Denotes color: 3=green, 4=red, 5=amber, 6=blue, 7=clear and 8=yellow

Mounting Bases Migration Table (Pre-assembled)

Important: *Bulletin 856T is offered in Black color housing only. Bulletin 856T does not offer 12V DC as operating voltage.*

Base Style	855T Catalog Number	856T – Mounting Base – Functional Replacement			Notes:
		24V AC/DC	120/240V AC 3 circuits	120/240V AC 7 circuits	
Surface Mount	855T-BCB	856T-B24SNC	856T-BA3SNC	856T-BA7SNC	856T Base is surface mount with 1/2 in. NPT thread and includes cap.
	855T-BCBC				
	855T-BSB				
	855T-BSBC				
	855T-BRB				
	855T-BRBC				
Vertical Mount	855T-BVM	856T-B24VMC	856T-BA3VMC	856T-BA7VMC	856T Base includes cap.
	855T-BVMC				
Tube Mount	855T-BTM	856T-B24T10C or 856T-B24T25C	856T-BA3T10C or 856T-BA3T25C	856T-BA7T10C or 856T-BA7T25C	856T Base includes cap and can be selected with 10 or 25 cm threaded tube installed. For instance: 856T-B24T10C (10 cm Tube) or 856T-B24T25C (25 cm Tube).
	855T-BTMC				
Pole Mount	855T-BPM10	856T-B24P10C	856T-BA3P10C	856T-BA7P10C	856T Base includes cap.
	855T-BPM10C				
	855T-BPM25	856T-B24P25C	856T-BA3P25C	856T-BA7P25C	
	855T-BPM25C				
	855T-BPM40	856T-B24P40C	856T-BA3P40C	856T-BA7P40C	
	855T-BPM40C				
Stainless Steel Pole Mount	855T-BSPM10	856T-B24P10C	856T-BA3P10C	856T-BA7P10C	856T Base is 10 cm standard aluminum pole and includes cap.
	855T-BSPM10C				
	855T-BSPM25	856T-B24P25C	856T-BA3P25C	856T-BA7P25C	856T Base is 25 cm standard aluminum pole and includes cap.
	855T-BPM25C				
	855T-BSPM40	856T-B24P40C	856T-BA3P40C	856T-BA7P40C	856T Base is 40 cm standard aluminum pole and includes cap.
	855T-BSPM40C				
	855T-BSPM60	856T-B24P60C	856T-BA3P60C	856T-BA7P60C	856T Base is 60 cm standard aluminum pole and includes cap.
	855T-BSPM60C				
	855T-BSPM80	–	–	–	856T line does not offer 80 cm pole mount bases.
	855T-BSPM80C				
Quick Release	855T-BMM10C	856T-B24Q10C	–	–	856T Quick release Base is for 24V AC/DC applications only and includes cap.
	855T-BMM25C	856T-B24Q25C	–	–	
	855T-BMM40C	–	–	–	856T line does not offer 40 cm version of Quick Release Base.
DeviceNet	855T-DM1B*	–	–	–	Bulletin 856T does not offer DeviceNet bases; however, customers can use any black housing 855T DeviceNet base with Bulletin 856T light and sound modules when a separate 856T-ATM transition module is purchased.
	855T-DL1B*				
	855T-DS2B*				

Mounting Bases Migration Table (Separate components)

Important: *Bulletin 856T is offered in Black color housing only. Bulletin 856T does not offer 12V DC as operating voltage.*

Base Style	855T Catalog Number	856T – Mounting Base – Functional Replacement			Notes:
		24V AC/DC	120/240V AC 3 circuits	120/240V AC 7 circuits	
Surface Mount	855T-BCB	856T-BMASN + 856T-B24C	856T-BMASN + 856T-BAC3C	856T-BMASN + 856T-BAC7C	856T Base adaptor is surface mount with 1/2 in. NPT thread. 856T-B24C, 856T-BAC3C and 856T-BAC7C are power modules and include cap.
	855T-BCBC				
	855T-BSB				
	855T-BSBC				
	855T-BRB				
	855T-BRBC				
Vertical Mount	855T-BVM	856T-BMAVM + 856T-B24C	856T-BMAVM + 856T-BAC3C	856T-BMAVM + 856T-BAC7C	856T Base adaptor is vertical mount. 856T-B24C, 856T-BAC3C and 856T-BAC7C are power modules and include cap.
	855T-BVMC				
Tube Mount	855T-BTM	856T-BMAT10 + 856T-B24C or 856T-BMAT25 + 856T-B24C	856T-BMAT10 + 856T-BAC3C or 856T-BMAT25 + 856T-BAC3C	856T-BMAT10 + 856T-BAC7C or 856T-BMAT25 + 856T-BAC7C	856T-BMAT10 Base adaptor includes 10 cm threaded tube. 856T-BMAT25 Base adaptor includes 25 cm threaded tube. 856T-B24C, 856T-BAC3C and 856T-BAC7C are power modules and include cap.
	855T-BTMC				
Pole Mount	855T-BPM10	856T-BMAP10 + 856T-B24C	856T-BMAP10 + 856T-BAC3C	856T-BMAP10 + 856T-BAC7C	856T Base adaptor is standard aluminum 10 cm pole. 856T-B24C, 856T-BAC3C and 856T-BAC7C are power modules and include cap.
	855T-BPM10C				
	855T-BPM25	856T-BMAP25 + 856T-B24C	856T-BMAP25 + 856T-BAC3C	856T-BMAP25 + 856T-BAC7C	856T Base adaptor is standard aluminum 25 cm pole. 856T-B24C, 856T-BAC3C and 856T-BAC7C are power modules and include cap.
	855T-BPM25C				
	855T-BPM40	856T-BMAP40 + 856T-B24C	856T-BMAP40 + 856T-BAC3C	856T-BMAP40 + 856T-BAC7C	856T Base adaptor is standard aluminum 40 cm pole. 856T-B24C, 856T-BAC3C and 856T-BAC7C are power modules and include cap.
	855T-BPM40C				
Stainless Steel Pole Mount	855T-BSPM10	856T-BMAP10 + 856T-B24C	856T-BMAP10 + 856T-BAC3C	856T-BMAP10 + 856T-BAC7C	856T Base adaptor is standard aluminum 10 cm pole. 856T-B24C, 856T-BAC3C and 856T-BAC7C are power modules and include cap.
	855T-BSPM10C				
	855T-BSPM25	856T-BMAP25 + 856T-B24C	856T-BMAP25 + 856T-BAC3C	856T-BMAP25 + 856T-BAC7C	856T Base adaptor is standard aluminum 25 cm pole. 856T-B24C, 856T-BAC3C and 856T-BAC7C are power modules and include cap.
	855T-BPM25C				
	855T-BSPM40	856T-BMAP40 + 856T-B24C	856T-BMAP40 + 856T-BAC3C	856T-BMAP40 + 856T-BAC7C	856T Base adaptor is standard aluminum 40 cm pole. 856T-B24C, 856T-BAC3C and 856T-BAC7C are power modules and include cap.
	855T-BSPM40C				
	855T-BSPM60	856T-BMAP60 + 856T-B24C	856T-BMAP60 + 856T-BAC3C	856T-BMAP60 + 856T-BAC7C	856T Base adaptor is standard aluminum 60 cm pole. 856T-B24C, 856T-BAC3C and 856T-BAC7C are power modules and include cap.
	855T-BSPM60C				
	855T-BSPM80	–	–	–	856T line does not offer 80 cm pole mount bases.
	855T-BSPM80C				
Quick Release	855T-BMM10C	856T-B24Q10C	–	–	856T Quick release Base is for 24V AC/DC applications only and includes cap.
	855T-BMM25C	856T-B24Q25C	–	–	
	855T-BMM40C	–	–	–	856T line does not offer 40 cm version of Quick Release Base.
DeviceNet	855T-DM1B*	–	–	–	Bulletin 856T does not offer DeviceNet bases, however, customers can use any black housing 855T DeviceNet base with Bulletin 856T light and sound modules when a separate 856T-ATM transition module is purchased.
	855T-DL1B*				
	855T-DS2B*				

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