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Bulletin 855T 70 Mm Control Tower™ Stack Lights

IntroductionStandards Compliance and CertificationsProduct SelectionAccessoriesSpecificationsApproximate Dimensions

Build a Catalog Number

Light Modules



Red Flashing Incandescent (Black Housing)

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

855T – B 10 FN 4
a b c d

a		b		c		d	
Housing Color		Voltage		Module Type		Light Color	
Code	Description	Code	Description	Code	Description	Code	Description
B	Black	00	0...250V AC/DC (Use only with Module Code XN)	XN	Steady no-lamp†	3	Green
G	Grey	12	12V AC/DC	DN	Steady incandescent	4	Red
		24	24V AC/DC	FN	Flashing incandescent	5	Amber
		10	120V AC	TL	Steady LED	6	Blue
		20	240V AC	GL	Flashing LED	7	Clear
				RL	Rotating LED, simulated with fixed LEDs§	8	Yellow
				BR	Strobe		

† Use only with Voltage Code 00. Accepts LED module or incandescent lamp.
§ Only available with Voltage Codes 10 or 24, and Color Codes 3, 4, or 5.

Voltage	Color	Illumination Type	Black Housing Color	Grey Housing Color
			Cat. No. *	Cat. No. *
0...250V No-Lamp Module	Green	Steady Incandescent/LED	855T-B00XN3	855T-G00XN3
	Red		855T-B00XN4	855T-G00XN4
24V AC/DC	Green	Steady Incandescent	855T-B24DN3	855T-G24DN3
		Flashing Incandescent	855T-B24FN3	855T-G24FN3
		Steady LED	855T-B24TL3	855T-G24TL3
	Red	Steady Incandescent	855T-B24DN4	855T-G24DN4
		Flashing Incandescent	855T-B24FN4	855T-G24FN4
		Strobe	855T-B24BR4	855T-G24BR4
	Amber	Steady Incandescent	855T-B24DN5	855T-G24DN5
		Flashing Incandescent	855T-B24FN5	855T-G24FN5
		Steady LED	855T-B24TL5	855T-G24TL5
120V AC	Green	Steady Incandescent	855T-B10DN3	855T-G10DN3
		Flashing Incandescent	855T-B10FN3	855T-G10FN3
		Steady LED	855T-B10TL3	855T-G10TL3
	Red	Steady Incandescent	855T-B10DN4	855T-G10DN4
		Flashing Incandescent	855T-B10FN4	855T-G10FN4
		Strobe	855T-B10BR4	855T-G10BR4
	Amber	Steady Incandescent	855T-B10DN5	855T-G10DN5
		Flashing Incandescent	855T-B10FN5	855T-G10FN5
		Steady LED	855T-B10TL5	855T-G10TL5

* Refer to configurator options for additional selections.

Single-Circuit Combined Light Module with Piezo Sounder★

All modules contain a selected light option with a sound device that operates simultaneously. The Piezo-style sound module can be switched to pulsing or continuous sound with a DIP switch. Additionally, the volume can be adjusted to either low: 92 dB(A) or high: 107 dB(A), via a DIP switch. UL Type 4/4X/13, IP65.

Two-Circuit Combined Light Module with Piezo Sounder§

All modules contain two circuits enabling separate operation of light or sound. The Piezo style sounder can be switched to pulsing or continuous, with a DIP switch. Additionally, the volume can be adjusted to either low: 92 dB(A) or high: 107 dB(A), via a DIP switch. UL Type 4/4X/13, IP65.



Combination Module

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855T – B 10 DC 3
a b c d

a		b		c		d	
Housing Color		Voltage		Combined Module Type		Lens Color	
Code	Description	Code	Description	Code	Description	Code	Description
B	Black	12	12V AC/DC	DC	Steady incandescent with sound	3	Green
G	Grey	24	24V AC/DC	DD	Two-circuit steady incandescent with sound	4	Red
		10	120V AC	FC	Flashing incandescent with sound	5	Amber
		20	240V AC	TC	Steady LED with sound	6	Blue
				GC	Flashing LED with sound	7	Clear
				BC	Strobe with sound	8	Yellow

Voltage	Illumination Type	Lamp Color	Black Housing Color		Grey Housing Color	
			Cat. No.‡		Cat. No.‡	
24V AC/DC	Steady Incandescent	Green	855T-B24DC3		855T-G24DC3	
	Steady LED		855T-B24TC3		855T-G24TC3	
	Steady Incandescent	Red	855T-B24DC4		855T-G24DC4	
	Strobe		855T-B24BC4		855T-G24BC4	
	Steady Incandescent	Amber	855T-B24DC5		855T-G24DC5	
	Steady LED		855T-B24TC5		855T-G24TC5	
120V AC	Steady Incandescent	Green	855T-B10DC3		855T-G10DC3	
	Steady LED		855T-B10TC3		855T-G10TC3	
	Steady Incandescent	Red	855T-B10DC4		855T-G10DC4	
	Strobe		855T-B10BC4		855T-G10BC4	
	Steady Incandescent	Amber	855T-B10DC5		855T-G10DC5	
	Steady LED		855T-B10TC5		855T-G10TC5	
24V AC/DC	Steady Incandescent	Green	855T-B24DD3		855T-G24DD3	
		Red	855T-B24DD4		855T-G24DD4	
		Amber	855T-B24DD5		855T-G24DD5	
120V AC		Green	855T-B10DD3		855T-G10DD3	
		Red	855T-B10DD4		855T-G10DD4	
		Amber	855T-B10DD5		855T-G10DD5	

★ The single-circuit combined light/with sound module uses one circuit in a stack. It can be used with a maximum of four light modules and must be placed in the top position of a stack.

‡ Refer to configurator options for additional selections.

§ The two-circuit combined light/with sound module uses two circuits in a stack. It can be used with a maximum of three light modules and must be placed in the top position of a stack.

Transducer-Style Sound Modules

- UL Type 12, IP54
- Adjustable volume @ from 85...103 dB @ 1 meter
- Up to 15 tones

- Adjustable frequency and speed tone



Sound Module

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855T – B 10 SA1
a b c

a		b		c	
Housing Color		Voltage		Module Type	
Code	Description	Code	Description	Code	Description
B	Black	12	12V AC/DC	SA1	Single-tone sound module with 13 different tones★
G	Grey	24	24V AC/DC	TA1	Dual-tone sound module with 15 sets of dual-tone combinations‡
		10	120V AC		
		20	240V AC		

Voltage	Module Type	Tone	Black Housing Color	Grey Housing Color
			Cat. No.§	Cat. No.§
24V AC/DC	Single Tone Transducer Style	Preset as Triangle Tone	855T-B24SA1	855T-G24SA1
	Dual Tone Transducer Style	Preset as Triangle Tone/Continuous Tone	855T-B24TA1	855T-G24TA1
120V AC	Single Tone Transducer Style	Preset as Triangle Tone	855T-B10SA1	855T-G10SA1
	Dual Tone Transducer Style	Preset as Triangle Tone/Continuous Tone	855T-B10TA1	855T-G10TA1

★ This module uses one circuit in a stack. It can be used with maximum of any four light modules and must be placed on top of stack.

‡ This module uses two circuits in a stack. It can be used with a maximum of any three light modules and must be placed on top of stack.

§ Refer to configurator options for additional selections.

Piezo-Style Sound Modules

- Single or dual circuit versions
- High/low volume selectable via DIP switch

855T – G 24 TA2
a b c

a		b		c	
Housing Color		Voltage		Module Type	
Code	Description	Code	Description	Code	Description
B	Black	12	12V AC/DC	SA2	• Single-tone/single-circuit piezo-style module with continuous or pulsing tones modified by a DIP switch • Type 12 • Volume 97 or 85 dB @ 1 m
G	Grey	24	24V AC/DC	TA2	• Dual-tone/dual-circuit piezo-style module with continuous or pulsing tone modified by energizing one or two circuits of sound modules • Type 12 • Volume 97 or 85 dB @ 1 m
		10	120V AC	SA3	• Single-circuit piezo-style module with continuous or pulsing tones modified by a DIP switch • Type 4/4X/13 • Volume 107 or 92 dB @ 1 m
		20	240V AC	TA3	• Dual-circuit piezo-style module with continuous or pulsing tone modified by energizing one or two circuits of sound modules • Type 4/4X/13 • Volume 107 or 92 dB @ 1 m

Voltage	Module Type	Tone Pattern	Black Housing Color	Grey Housing Color
			Cat. No.★	Cat. No.★
24V AC/DC	Dual Circuit Piezo Sounder (Type 4/4X/13, IP65)	Pulsing or Continuous Tone	855T-B24TA3	855T-G24SA3
	Single Circuit Piezo Sounder (UL Type 4/4X/13, IP65)		855T-B24SA3	855T-G24SA3

120V AC	Dual Circuit Piezo Sounder (Type 4/4X/13, IP65)	Pulsing or Continuous Tone	855T-B10TA3	855T-G10TA3
	Single Circuit Piezo Sounder (UL Type 4/4X/13, IP65)		855T-B10SA3	855T-G10SA3

* Refer to configurator options for additional selections.

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Standard and DeviceNet Stack Light Bases



Surface-Mount Base with Cap



Vertical-Mount Base with Cap



10 cm Aluminum Pole-Mount Base



25 cm Quick Release Base



40 cm Powder-Coated Stainless Steel Pole-Mount Base



80 cm Powder-Coated Stainless Steel Pole-Mount Base with Cap



Surface-Mount, Conduit-Mount Base with Stranded Wire Cable



10 cm Pole-Mount Base with Micro-Connect Cable and Cap



Vertical-Mount Base with Micro-Connect Cable and Cap

855T – DL1 B PM10 C
a b c d

a		b		c		d	
Network Connection Type		Housing Color		Base Type		Cap Option	
Code	Description	Code	Description	Code	Description	Code	Description
Blank	No network connection	B	Black	CB	Surface mount – 1/2 in. NPT conduit mount	Blank	No cap
DM 1	DeviceNet micro-connect with 1 m cable *	G	Grey	SB	Surface mount – PG16 conduit mount	C	Cap included
DS2	DeviceNet stranded wire connect with 2 m cable *			RB	Surface mount – M20 x 1.5 conduit mount		
DL1	DeviceNet mini-connect with 1 m cable *			VM	Vertical mount		
				TM	25 mm diameter tube mount		
				PM10	10 cm aluminum pole mount		
				PM25	25 cm aluminum pole mount		
				PM40	40 cm aluminum pole mount		
				SPM10	10 cm stainless steel pole mount†		
				SPM25	25 cm stainless steel pole mount†		
				SPM40	40 cm stainless steel pole mount†		
				SPM60	60 cm stainless steel pole mount†		
				SPM80	80 cm stainless steel pole mount†		
				MM10	10 cm quick release base		
				MM25	25 cm quick release base		
				MM40	40 cm quick release base		

* DeviceNet bases DL1, DM1, or DS2 can only be used with 24V AC/DC and they are only available with Base Types CB, SB, VM, TM, PM10, or PM25.
‡ Stainless Steel tube is powder-coated in black.

Standard Stack Light Bases

Housing Color	Base Type	With Cap Option	Without Cap Option
		Cat. No. *	Cat. No. *
Black	Surface Mount — 1/2 in. NPT Conduit Mount	855T-BCBC	855T-BCB
	Surface Mount — PG16 Conduit Mount	855T-BSBC	855T-BSB
	Vertical Mount	855T-BVMC	855T-BVM
	10 cm Aluminum Pole Mount	855T-BPM10C	855T-BPM10
	25 cm Aluminum Pole Mount	855T-BPM25C	855T-BPM25
	40 cm Aluminum Pole Mount	855T-BPM40C	855T-BPM40
	25 mm Diameter Tube Mount	855T-BTMC	855T-BTM
	10 cm Stainless Steel Pole Mount	855T-BSPM10C	855T-BSPM10
	25 cm Stainless Steel Pole Mount	855T-BSPM25C	855T-BSPM25
	40 cm Stainless Steel Pole Mount	855T-BSPM40C	855T-BSPM40
	60 cm Stainless Steel Pole Mount	855T-BSPM60C	855T-BSPM60
	80 cm Stainless Steel Pole Mount	855T-BSPM80C	855T-BSPM80
	10 cm Pole, Quick-Release Base§	855T-BMM10C	—
	25 cm Pole, Quick-Release Base§	855T-BMM25C	—
	40 cm Pole, Quick-Release Base§	855T-BMM40C	—

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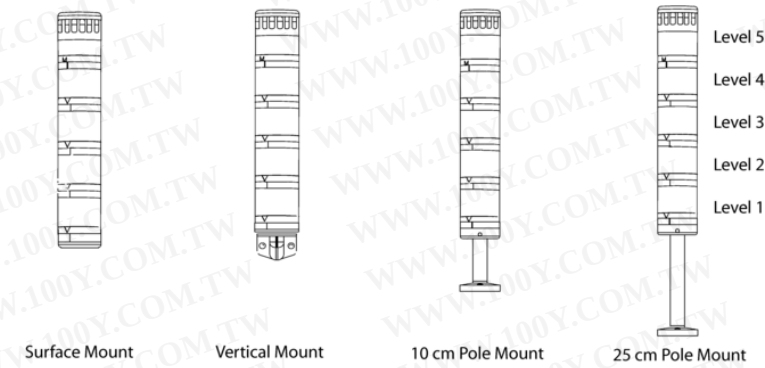
§ Quick release bases always include a cap.

DeviceNet Stack Light Bases

Cable Type	Base Type	Cap Option‡	Black Housing Color	Grey Housing Color
			Cat. No. *	Cat. No. *
Micro Connect (approx. 1 m cable length)	Surface Mount — 1/2 in. NPT Conduit Mount	With Cap	855T-DM1BCBC	855T-DM1GCBC
	Surface Mount — PG16 Conduit Mount		855T-DM1BSBC	855T-DM1GSBC
	Vertical Mount		855T-DM1BVMC	855T-DM1GVMC
	10 cm Pole Mount		855T-DM1BPM10C	855T-DM1GPM10C
	25 cm Pole Mount		855T-DM1BPM25C	855T-DM1GPM25C
	25 mm Diameter Tube Mount		855T-DM1BTMC	855T-DM1GTMC
Stranded Wire (approx. 2 m cable length)	Surface Mount — 1/2 in. NPT Conduit Mount		855T-DS2BCBC	855T-DS2GCBC
	Surface Mount — PG16 Conduit Mount		855T-DS2BSBC	855T-DS2GSBC
	Vertical Mount		855T-DS2BVMC	855T-DS2GVMC
	10 cm Pole Mount		855T-DS2BPM10C	855T-DS2GPM10C
	25 cm Pole Mount		855T-DS2BPM25C	855T-DS2GPM25C
	25 mm Diameter Tube Mount		855T-DS2BTMC	855T-DS2GTMC
Mini Connect (approximately 1 m cable length)	Surface Mount — 1/2 in. NPT Conduit Mount		855T-DL1BCBC	855T-DL1GCBC
	Surface Mount — PG16 Conduit Mount		855T-DL1BSBC	855T-DL1GSBC
	Vertical Mount		855T-DL1BVMC	855T-DL1GVMC
	10 cm Pole Mount		855T-DL1BPM10C	855T-DL1GPM10C
	25 cm Pole Mount		855T-DL1BPM25C	855T-DL1GPM25C
	25 mm Diameter Tube Mount		855T-DL1BTMC	855T-DL1GTMC

* See previous page for all configurator options.
‡ All DeviceNet bases can be purchased without cap. Remove the C from the end of the cat. no.

Pre-Configured Control Tower Lights, One to Five Modules



855 TS – DL1 B 24 Y 4 L 5 B 3 F 7 Y 6

a b c d e f e f e f e f e f

(Level 1) (Level 2) (Level 3) (Level 4) (Level 5)

e+f e+f e+f e+f e+f

a		b		c	
Base Type		Network Options		Housing Color	
Code	Description	Code	Description	Code	Description
TC	Surface mount 1/2 in. NPT conduit	Blank	Standard	B	Black
TS	Surface mount PG16 conduit	DL1	DeviceNet mini-connect with 1 m cable*	G	Grey
TV	Vertical mount	DM1	DeviceNet micro-connect with 1 m cable*		
TP	10 cm pole mount	DS2	DeviceNet stranded wire connect with 2 m cable*		
TE	25 cm pole mount				
TM	25 mm diameter tube mount				

d		e		f	
Voltage		Module Type		Lens Color	
Code	Description	Code	Description	Code	Description
12	12V AC/DC	D	Steady incandescent	1	Sound module§
24	24V AC/DC	F	Flashing incandescent	3	Green
10	120V AC	Y	Steady LED	4	Red
20	240V AC	L	Flashing LED	5	Amber
		B	Strobe	6	Blue
		T	Steady incandescent with sound‡	7	Clear
		H	Flashing incandescent with sound‡	8	Yellow
		J	Dual-circuit steady incandescent with sound		
		E	Steady LED with sound‡		
		G	Flashing LED with sound‡		
		Z	Strobe with sound‡		
		A	Transducer single-circuit sounder UL Type 12, IP54‡		
		W	Transducer dual-circuit sounder UL Type 12, IP54‡		
		P	Single-circuit piezo alarm		
		Q	Dual-circuit piezo alarm		

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* DeviceNet bases DL1, DM1, or DS2 can only be used with 24V AC/DC.
‡ Only one sound module or light module with sound can be assembled per stack. These modules must always be placed in the top position.
§ Sound module from Table f can only be selected with single-tone or two-tone module types from Table e.