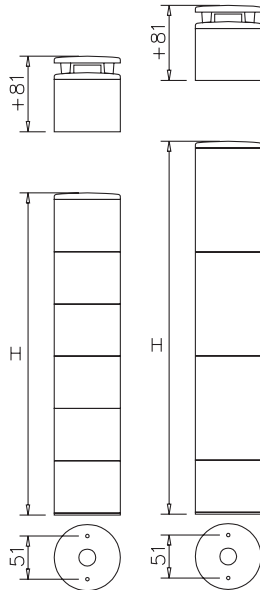


Tower Beacon Indicators



H	Series TA	Series TB
1	130	190
2	190	313
3	252	435
4	313	-
5	375	-
(Diameter 78mm)		

Complete range of Tower Beacon Indicators ready built for simple installation. Ideally suited to all types of multi-status signalling in factories, offices and community buildings.

Smooth exterior for easy 'wipe-down' when cleaning.

All units feature UV-stabilised polycarbonate lenses, available in Red, Amber, Green, Blue and Clear.

Top module can have module coloured cap (substitution by optional extra purchase) to allow all over viewing of that key module colour (not available when including Audible Sounder "+AS").

Screw terminals allow 2.5mm² connections.

Customised mixed (Lamp/LED/Strobe) towers available by quotation.

Colour combinations:- order re-arrangeable (not LED)

Single colour (Red, Amber, Green, Blue or Clear)
 Red/Green
 Red/Amber/Green
 Red/Amber/Green/Blue
 Red/Amber/Green/Blue/Clear

Additional lens sleeves can be purchased to substitute colours as desired.

51mm fixing centres suitable for mounting directly onto a standard conduit box or flat surface. Wall mounting brackets ('MB1' = Steel, 'MB2' = moulded) and Pole Mount ('PM') 'risers', white epoxy coated, available in 250, 500, 750 and 1000mm heights. 20mmØ entry for moulded compression gland ('PCG'), conduit or bush. Optional heavy-duty cast aluminium base (+PB) incorporating two M20 threaded entries. IP54 protection. 'Advance-to-IP65' with optional extra kit.

STA/B15D Static Filament Lamp



- Standard filament lamp version.
- Supplied complete with 5W lamps.
- Alternative lamps up to 10 watt rating may be used.
- Easy re-lamping by removal of only two cap screws.
- Can be externally pulsed; See our "FMU" pulser module on page 72.

Supply voltage	12Vdc	24Vdc	115Vac	230Vac
Supply voltage limits	± 15%			
Supply current:	420mA	210mA	45mA	22mA
Intensity:	Red		1.25Cd	
	Yellow		3.75Cd	
	Amber		3.75Cd	
	Green		2.25Cd	
	Blue		0.75Cd	
	Clear		5Cd	
Lamp rating	5W			
Temperature limits	-20C, +55C.			
Environmental protection class	IP54 (IP65 with optional IP65 Kit)			

Example Order Code: STA/UC/24/B15D/Red/Amber/Green

XTA/2.5 Joule Xenon Strobe



- High intensity Xenon Strobe version.
- Immediate attention-grabbing signalling.
- Simple flash tube replacement. (>20,000,000 flashes typical)
- Wide operating temperature range.

Supply voltage	12Vdc	24Vdc	115Vac	230Vac
Supply voltage limits	± 15%			
Supply current	330mA	170mA	60mA	30mA
Luminous intensity	Red		8Cd	
	Amber		24Cd	
	Yellow		24Cd	
	Green		24Cd	
	Blue		8Cd	
	Clear		40Cd	
Flash Energy	2.5J			
Flash Event	SH Only			
Flash rate adjustment	60 fpm (1Hz)			
Temperature limits	-40C, +55C			

Example Order Code: XTA/AC/115/SH/2.5J/Red/Amber/Green/Blue/Clear

For Installation Accessories please refer to page 73

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Tower Beacon Indicators

RTA/LED Revolving LED

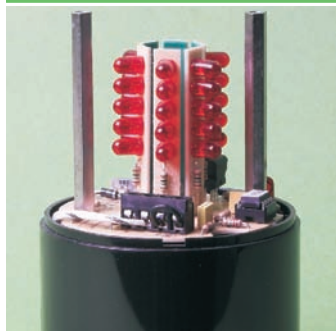


- Revolving (simulated rotating) for maximum impact.
- No moving parts.
- High density LED array.
- Lower sustained current draw, ideal for low-power applications.
- Wide operating temperature range.

Supply voltage	12Vdc	24Vdc	115Vac	230Vac
Supply voltage limits			± 15%	
Supply current			25mA	
Number of LEDs	Red		40	
	Amber		40	
	Green		40	
	Blue		24	
	Clear		24	
Luminous intensity			8Cd	
Flash/min			150fpm (2.5Hz)	
Temperature limits			-40C, +55C	
IEC protection class			IP54 (IP65 with optional IP65 Kit)	

Example Order Code: RTA/AC/115/LED/Red/Amber/Green

PTA/LED Pulsed LED

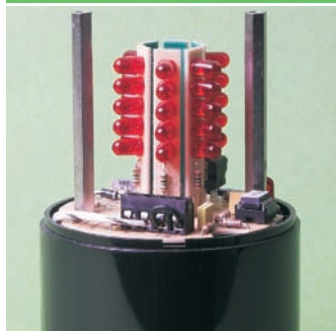


- Optimised LED array - up to 2.5x brighter than units employing plug-in clusters.
- Can be converted to static operation by jumper link.
- Wide operating temperature range.

Supply voltage	12Vdc	24Vdc	115Vac	230Vac
Supply voltage limits			± 15%	
Supply current	70mA	35mA	10mA	10mA
Number of LEDs	Red		30	
	Amber		30	
	Green		30	
	Blue		18	
	Clear		18	
Luminous intensity			8Cd	
Flash/min			120fpm (2Hz)	
Temperature limits			-40C, +55C	
IEC protection class			IP54 (IP65 with optional IP65 Kit)	

Example Order Code: PTA/DC/12/LED/Red

STA/LED Static LED



- Solid-state alternative to standard Tower STA/B15D.
- Optimised LED array - up to 2.5x brighter than units employing plug-in clusters.
- Wide operating temperature range.

Supply voltage	12Vdc	24Vdc	115Vac	230Vac
Supply voltage limits			± 15%	
Supply current	140mA	70mA	20mA	20mA
Number of LEDs	Red		30	
	Amber		30	
	Green		30	
	Blue		18	
	Clear		18	
Luminous Intensity			8Cd	
Temperature limits			-40C, +55C	
IEC protection class			IP54 (IP65 with optional IP65 Kit)	

Example Order Code: STA/AC/230/LED/Red/Amber/Green

+AS Audible Sounder Module



- Added as top section for audible warning.
- Three different tone modules:-
 Mono-Tone +AS/MT
 Pulse-Tone +AS/PT
 Chime-Tone +AS/CT
- Addressed independently of indicator modules.

Supply voltage	12Vdc	24Vdc	115Vac	230Vac
Supply voltage limits			± 15%	
Supply current	16mA	32mA	16mA	9mA
Sound frequency			2600Hz	
Sound pressure level @ 1m			92dB(A)	
Temperature limits			-20C, +55C	
IEC protection class			IP54	

Example Order Code: STA/DC/24/B15D/Red/Green + AS/MT

For Installation Accessories please refer to page 73

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Tower Beacon Indicators

STB/B15D Static Filament Lamp Module

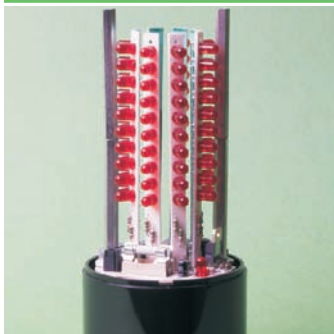


- Standard filament lamp version.
- Supplied complete with 12W (12/24V) or 15W (115/230V) lamps.
- Easy re-lamping by removal of only two cap screws.
- Can be externally pulsed; See our "FMU" pulser module on page 72.

Supply voltage	12Vdc	24Vdc	115Vac	230Vac
Supply voltage limits			± 15%	
Supply current:	1A	500mA	130mA	65mA
Intensity:	Red	3Cd		3.75Cd
	Yellow	9Cd		11.25Cd
	Amber	9Cd		11.25Cd
	Green	5.5Cd		6.75Cd
	Blue	2Cd		2.25Cd
	Clear	12Cd		15Cd
Lamp rating	12W			15W
Temperature limits			-20C, +55C.	
Environmental protection class	IP54 (IP65 with optional IP65 Kit)			

Example Order Code: STB/UC/230/B15D/Red/Amber/Green

RTB/LED Revolving LED



- Revolving (simulated rotating) for maximum impact.
- No moving parts.
- High density LED array.
- Lower sustained current draw, ideal for low-power applications.
- Wide operating temperature range.

Supply voltage	12Vdc	24Vdc	115Vac	230Vac
Supply voltage limits			± 15%	
Supply current			50mA	
Number of LEDs	Red		80	
	Amber		80	
	Green		80	
	Blue		48	
	Clear		48	
Luminous intensity			16Cd	
Flash/min			150fpm (2.5Hz)	
Temperature limits			-40C, +55C	
IEC protection class	IP54 (IP65 with optional IP65 Kit)			

Example Order Code: RTB/AC/115/LED/Red/Amber/Green

PTB/LED Pulsed LED



- Optimised LED array - up to 5x brighter than units employing plug-in clusters.
- Can be converted to static operation by jumper link.
- Wide operating temperature range.

Supply voltage	12Vdc	24Vdc	115Vac	230Vac
Supply voltage limits			± 15%	
Supply current	140mA	70mA	20mA	20mA
Number of LEDs	Red		60	
	Amber		60	
	Green		60	
	Blue		36	
	Clear		36	
Luminous intensity			16Cd	
Flash/min			120fpm (2Hz)	
Temperature limits			-40C, +55C	
IEC protection class	IP54 (IP65 with optional IP65 Kit)			

Example Order Code: PTB/DC/24/LED/Red/Green

STB/LED Static LED



- Solid-state alternative to standard Tower STB/B15D.
- Optimised LED array - up to 5x brighter than units employing plug-in clusters.
- Wide operating temperature range.

Supply voltage	12Vdc	24Vdc	115Vac	230Vac
Supply voltage limits			± 15%	
Supply current	280mA	140mA	40mA	40mA
Number of LEDs	Red		60	
	Amber		60	
	Green		60	
	Blue		36	
	Clear		36	
Luminous Intensity			16Cd	
Temperature limits			-40C, +55C	
IEC protection class	IP54 (IP65 with optional IP65 Kit)			

Example Order Code: STB/DC/12/LED/Red/Amber/Green

For Installation Accessories please refer to page 73

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