B450TLA LED Traffic/Signal Light

The B450TLA traffic light, warning signal beacons feature an array of high output L.E.D's. In addition to the high power steady light mode the B450TLA features 7 different flash modes including a highly visible temporal pattern.

Multiple B450TLA visual signals can be assembled into a stack utilising the supplied connector and can also be combined with the B400SND alarm horn sounder for a complete audio-visual signaling solution. Individual or stacked signals can also be optimally positioned by using the optional steel wall bracket. Applications include gate opening, process and access control, traffic management and loading bay status indication.

Features

- Bayonet fixing lens
- Anti-tamper locking fastener
- Stainless steel fixings
- Removable/rotatable shade
- Configurable as a signaling stack
- High power steady light output
- Multiple flash patterns
- Temporal pattern flash mode

Approvals

- EAC: D-GB.G**A**05.**B**.12595

Specification

Light source:	High output L.E.D.
Light output:	18 x Cree© SMT White L.E.D. array
Function:	High Power Steady Blinking – 425ms ON 75ms OFF 1.0Hz (60 fpm) – 200ms ON 800ms OFF 1.33Hz (80fpm) – 150ms ON 600ms OFF Double Flash Triple Flash 2.0Hz (120fpm) – 125ms ON 375ms OFF Temporal Flash
Lens colours:	Amber, Blue, Green, Red, Clear & Yellow
High Power Steady Candela:	356 cd – measured ref. to I.E.S.
1Hz Flash Candela:	223 cd – measured ref. to I.E.S.
LED life:	60,000 hours
Terminals:	Duplicated pluggable
Cable size:	0.5 to 2.5mm² (20-14 AWG)
Lens type:	Prismatic/diffused
Mounting:	Surface mount (Wall mount bracket available)
Entries:	1 × 5-7mm IP67 push through grommet 2 × 20mm clearance cable entry
Dimensions:	ø140 x 177mm
Ingress protection:	IP65
Housing material:	High impact UL94 V0 (f1) PC
Operating temp:	-40 to +70°C [-40° to +158°F]
Storage temp:	-40 to +70°C [-40° to +158°F]
Relative humidity:	95% at 20°C [68°F]
Weight:	0.425Kg/0.934lbs

Part Codes

Part Code:	Ident.:	Description:
Product type:	B450TLA	LED Traffic Light Warning Signal Beacon
Voltage:	230 030	48-260Vac 50/60Hz; 48-260Vdc 16-33Vdc; 10-14Vdc
Enclosure: [x]	B	Black
Lens colour: [y]	A B C G R Y	Amber Blue Clear Green Red Yellow

Accessories	Part Code:	Description:
Bracket:	MB-B450T-S	Mounting kit for a single B450 type unit.
Bracket:	MB-B450T-M	Mounting kit for linked multiple B450 type units

Current Consumption

Range:	Version:	Current Steady Mode:	Current 1Hz Flash:	Max Current:
16-33Vdc 10-14Vdc	030	180mA (24Vdc)	88mA (24Vdc)	190mA (33Vdc)
48-260Vac 48-260Vdc	230	90mA (115Vac) 55mA (230Vac) 156mA (48Vdc)	35mA (115Vac) 18mA (230Vac)	51mA (260Vac)