tend TOWER LIGHT

## ■ FEATURES

- Tend tower light can be installed in any machine as a status indicator by showing the color change of light and audible alarm.Tower light can be customer-made to meet different needs.
- Internal spring suspension can avoid damage to the bulb due to machine's vibration.
- Flexible wiring design: Steady,flashing of alarm are achievable through wiring by end user.
- Both bulb base for Incandescent bulb & LED is BA15S. So it is easy to change bulb type.
- Audio alarm buzzes at 90DB/30cm.

■ Model Designation

TPT | L | 6 | — | L | 2 | 3 | ROG | — | S
① | ② | ③ | | ④ | ⑤ | ⑥ | ⑦ | | ⑧
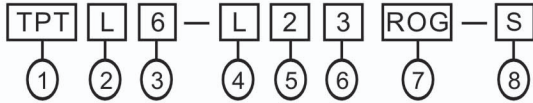
Item	Signal	Description
1.Mounting Method	TPT	Pole Mount
	TPW	Tray Mount
	TPF	Tented Type
	TPA	Side Hitch Type
2.Functional	L	Continuous light
	F	Continuous or flashing light
	S	Continuous of flashing light with audible alarm
	B	Audible alarm light
3.Diameter	4	∅40mm (NO TPFL)
	5	∅50mm
	6	∅60mm
	7	∅70mm
4.Bulb	Space	Incandescent
	L	LED
5.Voltage	1	110VAC
	2	220VAC
	7	24VAC/DC
	9	12VAC/DC
6.Section	1~5	1~5
7.Lens	R	Red
	O	Orange
	G	Green
	B	Blue
	W	White
8.Aluminum Tube Length	Space	Standard Length,TPT:288mm,TPF:43mm
		Special Length, TPT:138mm
	S	Special Length, TPF:193mm

■ Bulb Model Designation

S15 | — | L4 | 2 | R
① | | ② | ③ | ④
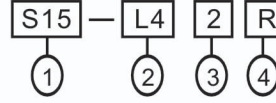
Item	Signal	Description
1.Base Type	S15	BA15S Bulb
2.Lens Diameter	I4	∅40mm, 5W Incandescent
	I5	∅50mm, 8W Incandescent
	I6	∅60mm/∅70mm,10W Incandescent
	L4	∅40mm, LED
	L5	∅50mm/∅60mm/∅70mm, LED
3.Voltage	1	110VAC
	2	220VAC
	7	24VAC/DC
	9	12VAC/DC
4.Color	Space	Incandescent
	R	Red
	O	Orange
	G	Green LED
	B	Blue
	W	White

■ Mounting Holes

● Tray Mount

TPW□4/TPW□5

3−4.5X6.3
∅61.5~∅65
∅80
120°

TPW□6

∅73
∅100
4−5.2*7
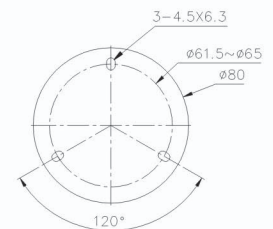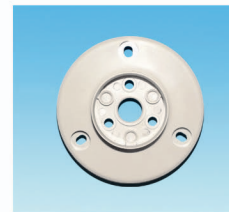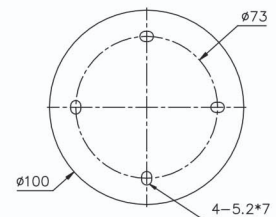
TPW□7

∅83
∅102
4−5.2*7
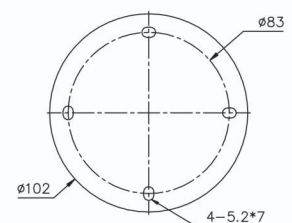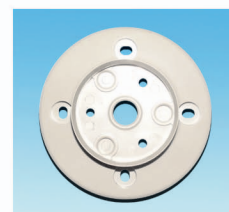
■ Rated current for Bulbs and Buzzers (Reference Only)

Incandescent		LED	
S15-I49(12VAC/DC)	0.5A	S15-L49(12VAC/DC)	0.1A
S15-I47(24VAC/DC)	0.25A	S15-L47(24VAC/DC)	0.03A
S15-I41(110VAC)	0.05A	S15-L41(110VAC)	0.02A
S15-I42(220VAC)	0.03A	S15-L42(220VAC)	0.02A
S15-I59(12VAC/DC)	0.7A	S15-L59(12VAC/DC)	0.15A
S15-I57(24VAC/DC)	0.35A	S15-L57(24VAC/DC)	0.04A
S15-I51(110VAC)	0.06A	S15-L51(110VAC)	0.02A
S15-I52(220VAC)	0.03A	S15-L52(220VAC)	0.02A
S15-I69(12VAC/DC)	0.8A	Buzzer	
S15-I67(24VAC/DC)	0.4A	12V AC/DC	0.08A
S15-I61(110VAC)	0.08A	24V AC/DC	0.02A
S15-I62(220VAC)	0.04A	110V AC	0.01A
		220V AC	0.01A

■MOUNTING HOLES

● POLE MOUNTING BRACKET

Used TPTL4

Ø16.5
M4XP0.7
47
25.5
34.5
34
84.5
2−Ø12

Used TPT□6/TPT□7

81
60
20
Ø22.5
R20
5
M4XP0.7
32
31
34
81
2−Ø12
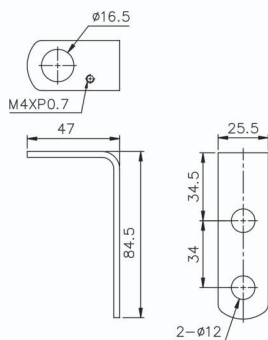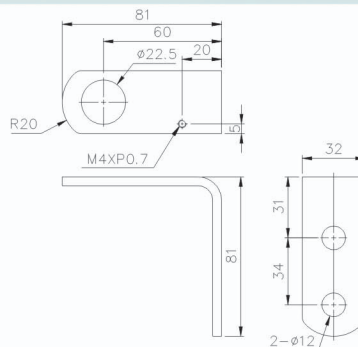
Used TPTF4/TPTS4/TPTB4 TPT□5
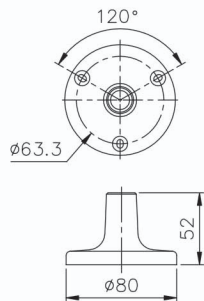
Ø22.5±0.1
15.5
47±0.2
32
25.5
84.5
2−Ø12
34
16
R5
R16
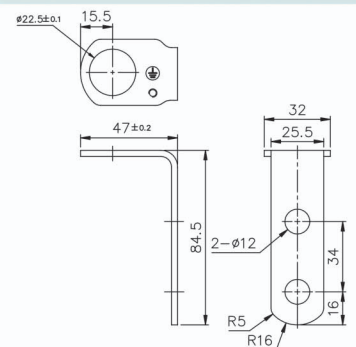
■MOUNTING HOLES

● POLE MOUNTING BRACKET(OPTIONAL)

TPTL-S
Used TPTL4

120°
Ø63.3
52
Ø80

TPTL6-S
Used TPTS4/TPTF4/TPTB4
TPT□5/TPT□6/TPT□7

90°
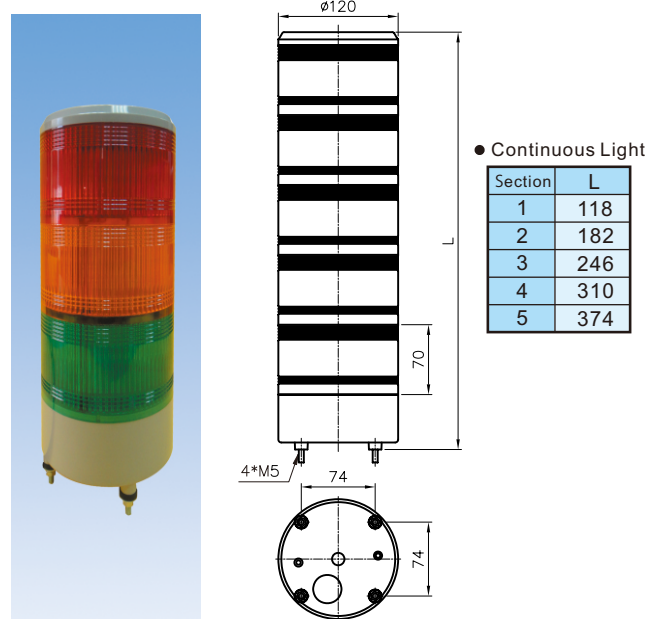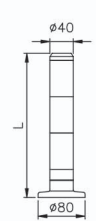Ø73
67
Ø100
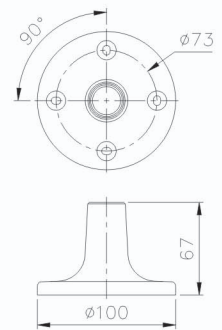
● FOLDABLE MOUNTING BRACKET(OPTIONAL)

TPTL6-F
Used TPTS4/TPTF4/TPTB4
TPT□5/TPT□6/TPT□7

320°
Ø73
90°
108.5
54.5
Ø100
15
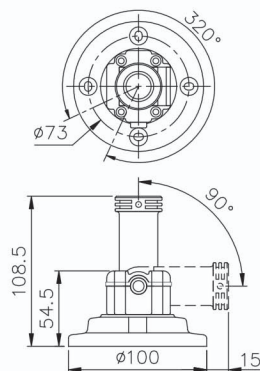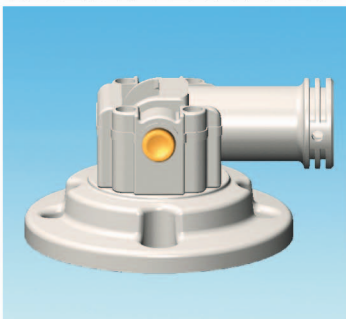
● SIDE MOUNTING BRACKET(OPTIONAL)

TPTL6-A
Used TPT□4
TPT□5/TPT□6/TPT□7

50
2−Ø5.1
44.8
12
80
69
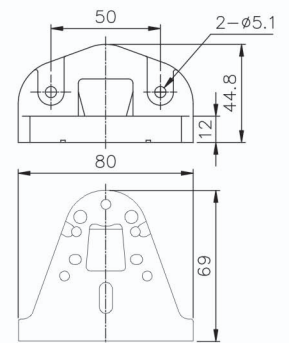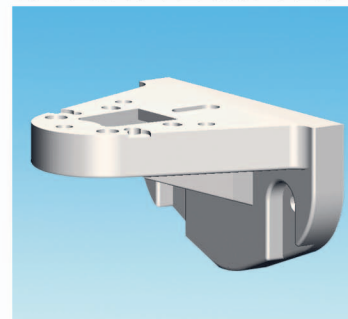
tend

■ TPTL4/TPAL4

■ TP□F4/TP□S4/TP□B4

■ TPWL4

■ TPWF4/TPWS4/TPWB4

■ TPTL5/TPAL5/TPFL5

■ TP□F5/TP□S5/TP□B5

■ TPWL5

■ TPWF5/TPWS5/TPWB5

tend TOWER LIGHT

■ TPTL6/TPAL6/TPFL6

■ TP□F6/TP□S6/TP□B6

■ TPWL6

■ TPWF6/TPWS6/TPWB6

tend TOWER LIGHT

■ TPTL7/TPAL7/TPTF7

■ TP□F7/TP□S7/TP□B7

■ TPWL7

■ TPWF7/TPWS7/TPWB7

tend TOWER LIGHT

■ FEATURES

- Tend tower light can be installed in any machine as a status indicator by showing the color change of light and audible alarm. Tower light can be custom-made to meet different needs.
- Flexible wiring design. LED flashing or continuous and Alarm intermittent or continuous can be determined by end user through wiring.
- Audio alarm buzzes at 90DB/30cm.

■ Model Designation

TPW L 12 — L 2 3 ROG
 ①   ② ③   ④ ⑤ ⑥   ⑦
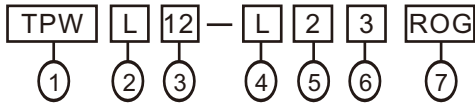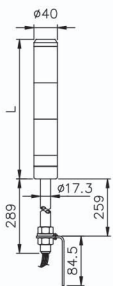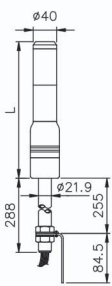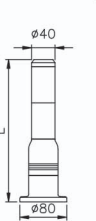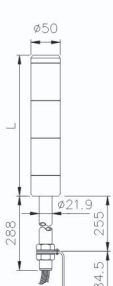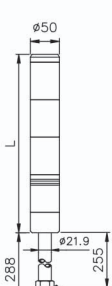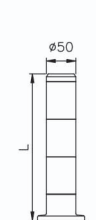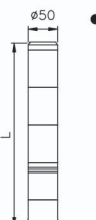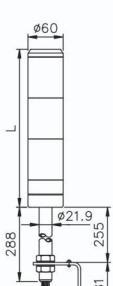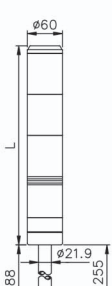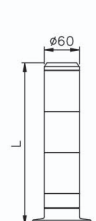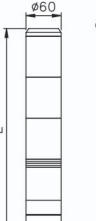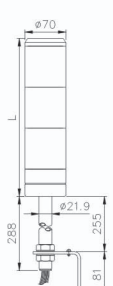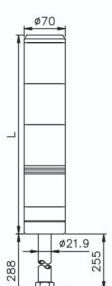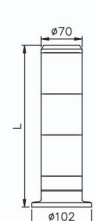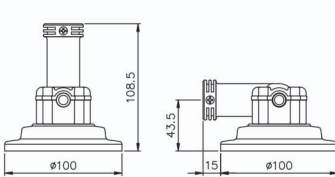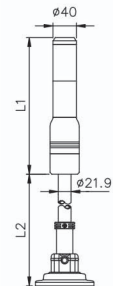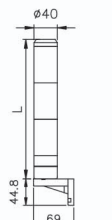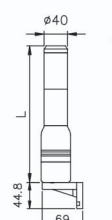
Item	Code	Description
1. Mounting Method	TPW	Tray Mount
2. Function	L F S B	Continuous Light Continuous Flashing Light Continuous Flashing Light with Audible Alarm Audible Alarm Light
3. Diameter	12	Ø120mm
4. Bulb	L	LED
5. Voltage	1 2 7 9	110VAC 220VAC 24VAC/DC 12VAC/DC
6. Section	1~5	1~5
7. Lens Color	R O G B W	Red Orange Green Blue White

ø120

● Continuous Light

Section	L
1	118
2	182
3	246
4	310
5	374

70

4*M5   74   74

■ WIRING DIAGRAM (DC, Polarity labeled on power cables.)

Continuous Light

R O G B W

Red
Orange
Green
Blue
White
Black COM
G Yellow/Green Ground
Power

Continuous of Flashing Light

R O G B W

CONTINUOUS
Red
Orange
Green
Blue
White

FLASHING
Red
Orange
Green
Blue
White

BROWN FLASHING COM
PURPLE CONTINUOUS COM
BLACK COM
G Yellow/Green Ground
Power

Audible Alarm Light

R O G B W

GRAY ALARM
Red
Orange
Green
Blue
White
Black COM
G Yellow/Green Ground
Power

Continuous of Flashing Light with Audible Alarm

R O G B W

CONTINUOUS
GRAY ALARM
Red
Orange
Green
Blue
White

FLASHING
GRAY ALARM
Red
Orange
Green
Blue
White

BROWN FLASHING COM
PURPLE CONTINUOUS COM
BLACK COM
G Yellow/Green Ground
Power

tend

■DIMENSIONS

● TPTL4:

SECTION	L
1	114
2	176
3	238
4	300
5	362

● TPTF4/TPTS4 TPTB4:

SECTION	L
1	171
2	233
3	295
4	357
5	419

● TPWL4:

SECTION	L
1	122
2	184
3	246
4	308
5	370

● TPWF4/TPWS4 TPWB4:

SECTION	L
1	181
2	243
3	305
4	367
5	429

● TPTL5:

SECTION	L
1	112
2	176
3	240
4	304
5	368

● TPTF5/TPTS5 TPTB5:

SECTION	L
1	176
2	240
3	304
4	368
5	432

● TPWL5:

SECTION	L
1	122
2	186
3	250
4	314
5	378

● TPWF5/TPWS5 TPWB5:

SECTION	L
1	186
2	250
3	314
4	378
5	442

● TPTL6:

SECTION	L
1	130
2	200
3	270
4	340
5	410

● TPTF6/TPTS6 TPTB6:

SECTION	L
1	200
2	270
3	340
4	410
5	480

● TPWL6:

SECTION	L
1	136
2	206
3	276
4	346
5	416

● TPWF6/TPWS6 TPWB6:

SECTION	L
1	206
2	276
3	346
4	416
5	486

● TPTL7:

SECTION	L
1	130
2	200
3	270
4	340
5	410

● TPTF7/TPTS7 TPTB7:

SECTION	L
1	200
2	270
3	340
4	410
5	480

● TPWL7:

SECTION	L
1	136
2	206
3	276
4	346
5	416

● TPWF7/TPWS7 TPWB7:

SECTION	L
1	206
2	276
3	346
4	416
5	486

● TPTL6-F

● TPFF4/TPFS4 TPFB4:

SECTION	L1	L2
1	171	Short151
2	233	Long 301
3	295	
4	357	
5	419	

● TPAL4:

SECTION	L
1	114
2	176
3	238
4	300
5	362

● TPAF4/TPAS4 TPAB4:

SECTION	L
1	171
2	233
3	295
4	357
5	419

● TPFL5:

SECTION	L1	L2
1	112	Short 151
2	176	Long 301
3	240	
4	304	
5	368	

● TPFF5/TPFS5 TPFB5:

SECTION	L1	L2
1	176	Short 151
2	240	Long 301
3	304	
4	368	
5	432	

● TPAL5:

SECTION	L
1	112
2	176
3	240
4	304
5	368

● TPAF5/TPAS5 TPAB5:

SECTION	L
1	176
2	240
3	304
4	368
5	432

● TPFL6:

SECTION	L1	L2
1	130	Short 151
2	200	Long 301
3	270	
4	340	
5	410	

● TPFF6/TPFS6 TPFB6:

SECTION	L1	L2
1	200	Short 151
2	270	Long 301
3	340	
4	410	
5	480	

● TPAL6:

SECTION	L
1	130
2	200
3	270
4	340
5	410

● TPAF6/TPAS6 TPAB6:

SECTION	L
1	200
2	270
3	340
4	410
5	480

● TPFL7:

SECTION	L1	L2
1	130	Short 151
2	200	Long 301
3	270	
4	340	
5	410	

● TPFF7/TPFS7 TPFB7:

SECTION	L1	L2
1	200	Short 151
2	270	Long 301
3	340	
4	410	
5	480	

● TPAL7:

SECTION	L
1	130
2	200
3	270
4	340
5	410

● TPAF7/TPAS7 TPAB7:

SECTION	L
1	200
2	270
3	340
4	410
5	480

■ **WIRING DIAGRAM**

Continuous light

Continuous or flashing light

Audible alarm light

Continuous of flashing light with audible alarm
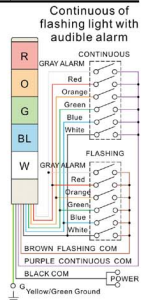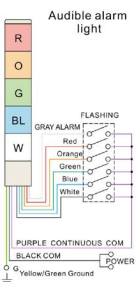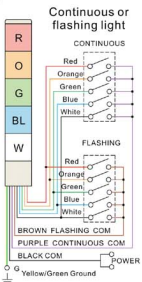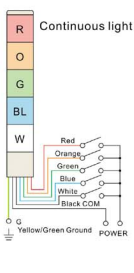
LED Lamp for Tower Light

■MODEL DESIGNATION

S15 - L4 2 R
① ② ③ ④
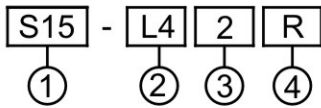
Item	Signal	Description
1.Base Type	S15	BA15S base
2.Lamp Type	L4	LED x 8
	L5	LED x 15
3.Voltage	1	110VAC / DC
	2	220VAC / DC
	7	24VAC / DC
	9	12VAC / DC

Item	Signal	Description	
4.Color	R	Red	LED
	O	Orange	LED
	G	Green	LED
	BL	Blue	LED
	W	White	LED

S15-L4: for Ø40 Series
S15-L5: for Ø50、Ø60 and Ø70 Series

■LAMP DIMENSION

S15-L4

Ø20
43.7
Ø15
16.8

S15-L5

Ø25
48.2
Ø15
16.8
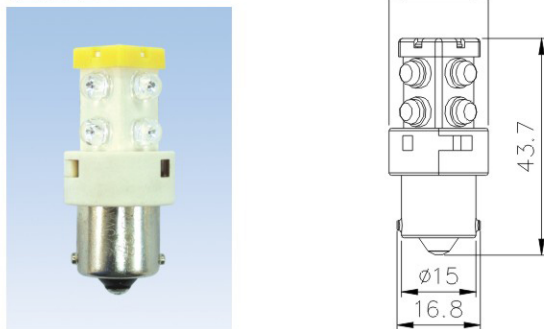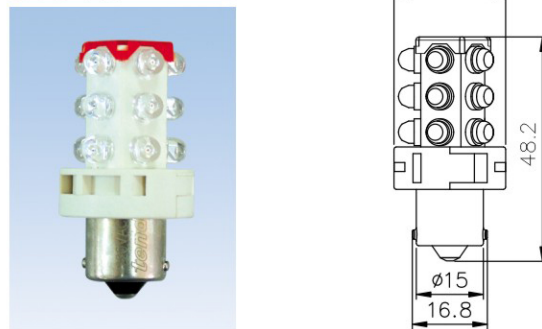
LED Lamp for Warning Light

■MODEL DESIGNATION

S15 - L4 2 R
① ② ③ ④
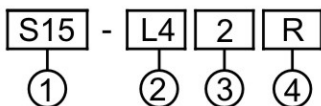
Item	Signal	Description
1.Base Type	S15	BA15S base
2.Lamp Type	L4	LED x 8
	L6	LED x 15
3.Voltage	1	110VAC / DC
	2	220VAC / DC
	7	24VAC / DC
	9	12VAC / DC

Item	Signal	Description	
4.Color	R	Red	LED
	O	Orange	LED
	G	Green	LED
	BL	Blue	LED

S15-L4: for TWR-08 only
S15-L6: for TWF-10 & TWF-12

■LAMP DIMENSION

S15-L4

Ø20
43.7
Ø15
16.8

S15-L6

28.2
80
Ø15
16.8