

## TLB series

### TLB060 Turn light

- Ø70 compact flashing light
- Rotating continuous light, rotating continuous light and buzzer
- Incandescent lamp indicator (socket type)
- Direct mounting type, support mounting type
- 24 V d.c/a.c or 100 – 240 V a.c.



### ○ Suffix code

Model	Code			Description
TLB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Turn light
Dimension	060			Ø70 Cap
Cap shape	P			Round cap direct installation
	F			Rectangular cap direct installation
	R			Round cap support installation
	X			Rectangular cap support installation
Function	A			Rotating continuous light
	F			Rotating continuous light, Buzzer
Power supply voltage	C51			24 V d.c/a.c 50 – 60 Hz
	A11			100 – 240 V a.c 50 – 60 Hz
Cap color		R		Red
		Y		Yellow
		G		Green

●● Specification

Model	TLB060-□AC 51	TLB060-□AA 11	TLB060-PFC 51 TLB060-FFC 51	TLB060-PFA 11 TLB060-FFA 11
Function	Rotating continuous light		Rotating continuous light, buzzer	
Dimension	Ø70			
Power supply voltage	24 V d.c/a.c	100 - 240 V a.c	24 V d.c/a.c	100 - 240 V a.c
Power frequency	50 ~ 60 Hz			
Power consumption	max 7 W	max 11 W	max 7 W	max 11 W
Rotation speed	Approx 210 times/min			
Light source (socket)	Incandescent lamp (BA 15S)			
Lamp capacity	24 V 5 W			
Buzzer	-		Buzzer built in(approx 80dB from distance 1m)	
Cap material	Polycarbonate (P.C)			
Body	ABS resin			
Cap color	Red, Yellow, Green			
Degree of protection	IP54			

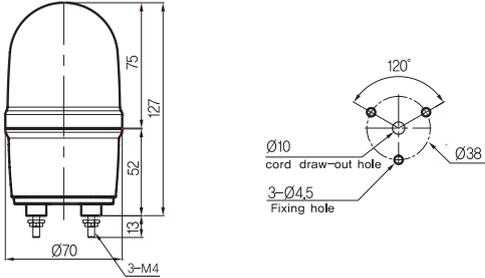
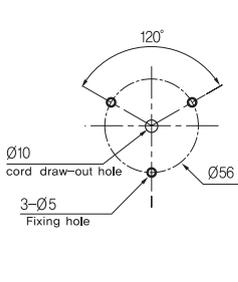
Control switch  
Combination display light

Power switch  
Main switch  
Cam switch

Limit switch  
Micro switch

Hoist switch  
Foot switch  
Mono lever switch

●● Dimension and panel cutout (unit : mm)

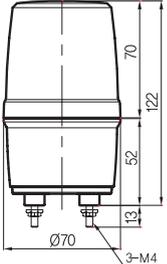
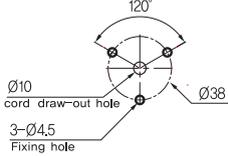
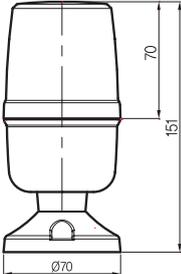
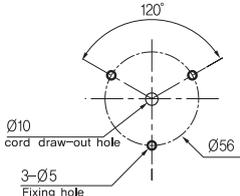
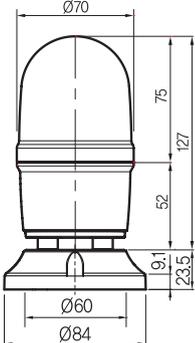
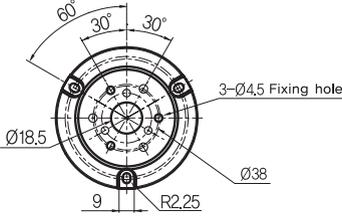
Model	Appearance	Dimension and panel cutout
TLB060-P		
TLB060-R		

Sign tower  
Signal light

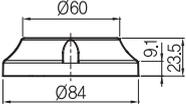
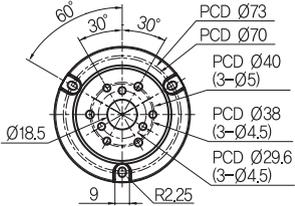
Buzzer  
Terminal block  
Fuse holder

Control box  
Cable connector

Discontinued Products

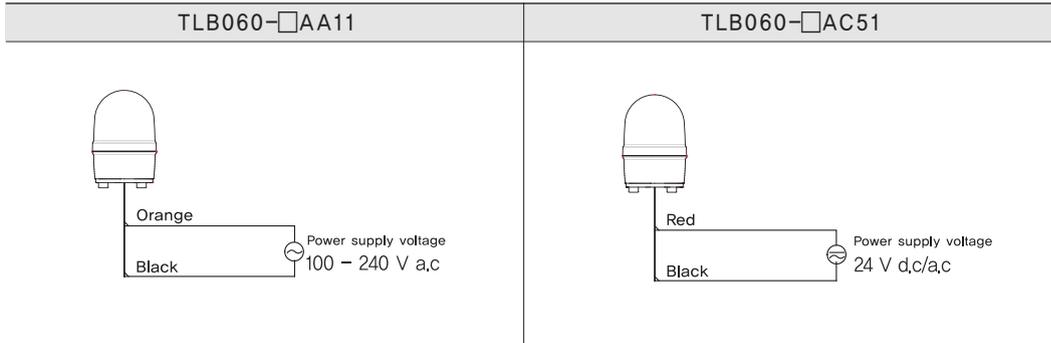
Model	Appearance	Dimension and panel cutout	
TLB060-F		 <p>Dimensions: Total height 122, upper section height 70, lower section height 52, base height 13, base diameter <math>\varnothing 70</math>, base mounting holes 3-M4.</p>	 <p>Panel cutout details: 120° angle, <math>\varnothing 10</math> cord draw-out hole, 3-<math>\varnothing 4.5</math> Fixing hole, <math>\varnothing 38</math> outer diameter.</p>
TLB060-X		 <p>Dimensions: Total height 151, upper section height 70, base diameter <math>\varnothing 70</math>.</p>	 <p>Panel cutout details: 120° angle, <math>\varnothing 10</math> cord draw-out hole, 3-<math>\varnothing 5</math> Fixing hole, <math>\varnothing 56</math> outer diameter.</p>
Support: STM-84 (optional)		 <p>Dimensions: Upper section diameter <math>\varnothing 70</math>, upper section height 75, total height 127, lower section height 52, base height 9.1, base diameter <math>\varnothing 60</math>, base width <math>\varnothing 84</math>, base thickness 23.5.</p>	 <p>Panel cutout details: 60° angle, 30° angles, 3-<math>\varnothing 4.5</math> Fixing hole, <math>\varnothing 18.5</math>, <math>\varnothing 38</math>, R2.25.</p>

Supporter dimension (unit : mm)

Appearance	Dimension and panel cutout	
 <p>STM-84 (Optional)</p>	 <p>Dimensions: Upper section diameter <math>\varnothing 60</math>, base diameter <math>\varnothing 84</math>, base height 9.1, base thickness 23.5.</p>	 <p>Panel cutout details: 60° angle, 30° angles, PCD <math>\varnothing 73</math>, PCD <math>\varnothing 70</math>, PCD <math>\varnothing 40</math> (3-<math>\varnothing 5</math>), PCD <math>\varnothing 38</math> (3-<math>\varnothing 4.5</math>), PCD <math>\varnothing 29.6</math> (3-<math>\varnothing 4.5</math>), <math>\varnothing 18.5</math>, R2.25.</p>

●● Connection diagram

■ Rotating continuous light



■ Rotating continuous light, buzzer

Model	Contact drive	NPN transistor drive	PNP transistor drive
TLB060- □FC51	<p>Buzzer(sky blue)</p> <p>rotating continuous light(red)</p> <p>Power(black)</p> <p>Power supply voltage 24 V d.c/a.c</p>	<p>Buzzer(sky blue)</p> <p>rotating continuous light(red)</p> <p>Power(black)</p> <p>Power supply voltage 24 V d.c</p>	<p>Buzzer(sky blue)</p> <p>rotating continuous light(red)</p> <p>Power(black)</p> <p>Power supply voltage 24 V d.c</p>
TLB060- □FA11	<p>Buzzer(sky blue)</p> <p>Common(gray)</p> <p>Orange</p> <p>Black</p> <p>Power supply voltage 100 - 240 V a.c</p>	<p>Buzzer(sky blue)</p> <p>Common(gray)</p> <p>Orange</p> <p>Black</p> <p>Power supply voltage 100 - 240 V a.c</p>	Inapplicable

※ We recommend installing the fuse at inner part of the power input wire for the safety

※ In case of using transistor, please consider the polarity of power input even with the 24 V d.c/a.c power supply voltage.

Control  
switch  
Combination  
display light

Power switch  
Main switch  
Cam switch

Limit switch  
Micro switch

Hoist switch  
Foot switch  
Mono lever switch

Sign tower  
Signal light

Buzzer  
Terminal block  
Fuse holder

Control box  
Cable connector

Discontinued  
Products

## TLB series

### TLB100 Turn light

- Ø100 middle size rotating flashing light
- Rotating continuous light, rotating continuous light and buzzer
- Incandescent lamp indicator (socket type)
- Direct mounting type  
(support mounting type is optional)
- 24 V d.c/a.c or 100 – 240 V a.c.



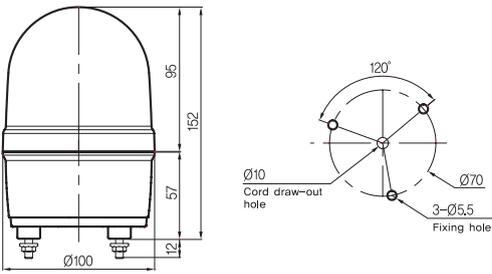
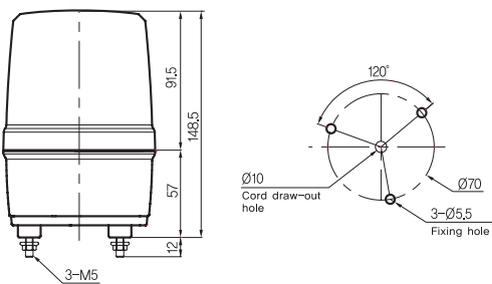
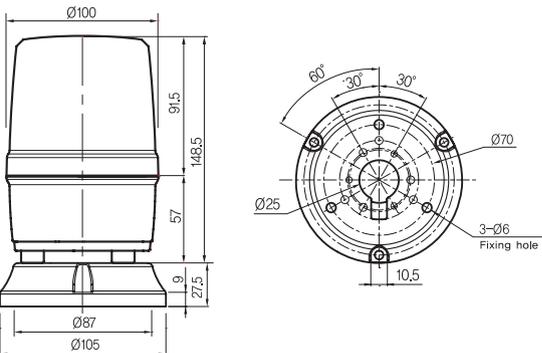
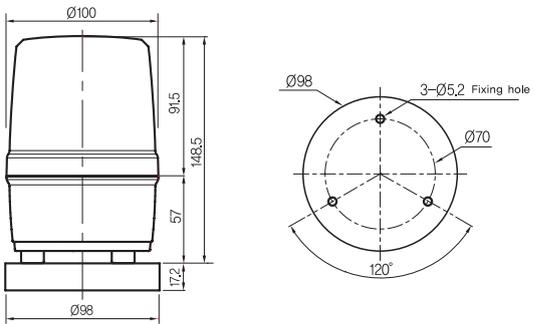
#### ●● Suffix code

Model	Code	Description
TLB	□ - □ □ □ □	Turn light
Dimension	100	Ø100 Dimension
Cap shape	P	Round cap direct installation
	F	Rectangular cap direct installation
Function	A	Rotating continuous light
	F	Rotating continuous light, Buzzer
Power supply voltage	C51	24 V d.c/a.c 50 – 60 Hz
	A11	100 – 240 V a.c 50 – 60 Hz
Cap color	R	Red
	Y	Yellow
	G	Green

#### ●● Suffix code

Model	TLB100-□AC51	TLB100-□AA11	TLB100-□FC51	TLB100-□FA11
Function	Rotating continuous light		Rotating continuous light, Buzzer	
Dimension	Ø 100 cap			
Power supply voltage	24 V d.c/a.c	100 V – 240 V a.c	24 V d.c/a.c	100 V – 240 V a.c
Power frequency	50 – 60 Hz			
Power consumption	Max 12 W	Max 15 W	Max 12 W	Max 15 W
Rotation speed	Approx 170 times/min			
Light source (socket)	Incandescent lamp (BA 15S)			
Lamp capacity	24 V 10 W			
Buzzer	-		Buzzer built in (Approx 90 db from distance 1m)	
Cap material	Polycarbonate (P.C)			
Body	ABS resin			
Cap color	Red, Yellow, Green			
Degree of protection	IP54			

Dimension and panel cutout (unit : mm)

Model	Appearance	Dimension and panel cutout
TLB-100P		
TLB-100F		
Supporter : STM-105 (Optional)		
Magnet supporter: MTM-98 (Optional)		

Control switch  
Combination display light

Power switch  
Main switch  
Cam switch

Limit switch  
Micro switch

Hoist switch  
Foot switch  
Mono lever switch

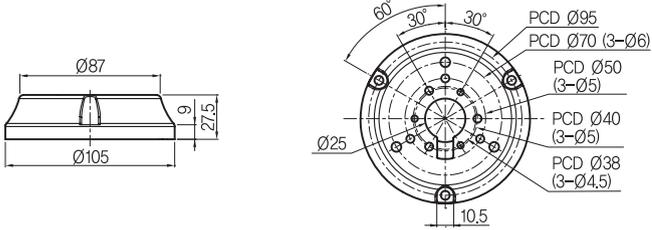
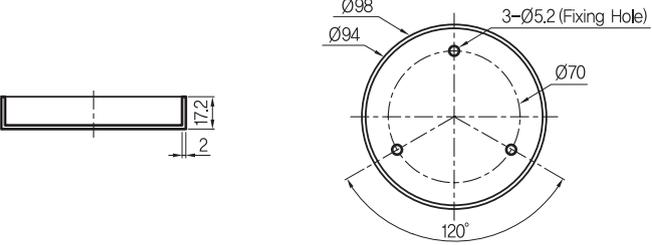
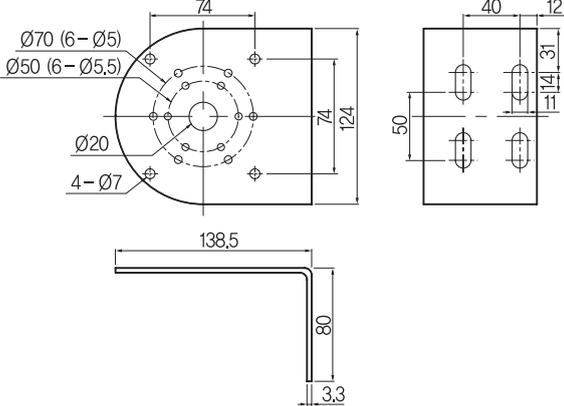
Sign tower  
Signal light

Buzzer  
Terminal block  
Fuse holder

Control box  
Cable connector

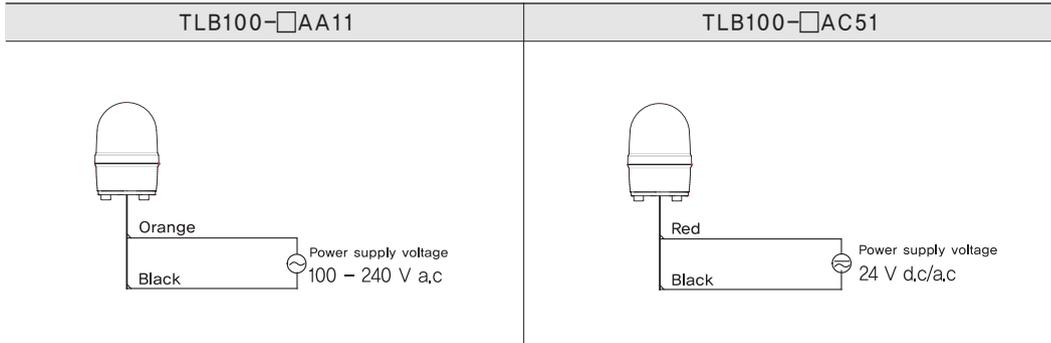
Discontinued Products

Supporter dimension (unit : mm)

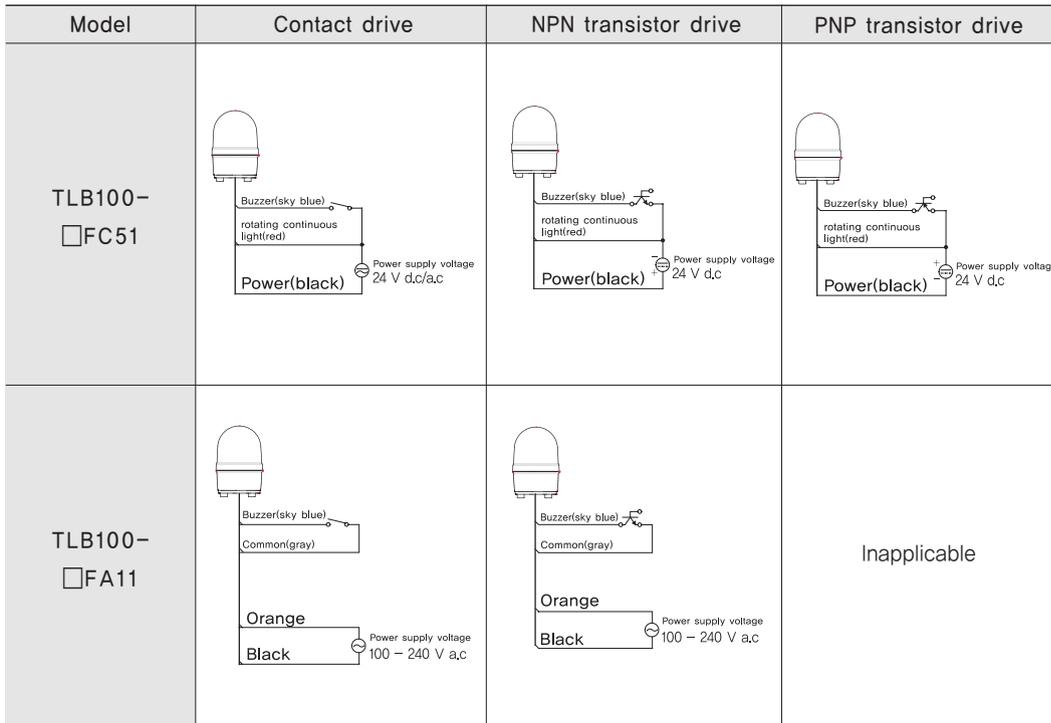
Appearance	Dimension and panel cutout
 <p data-bbox="277 642 394 707">STM-105 (Optional)</p>	 <p data-bbox="494 678 1208 740">Various application plastic supporter (5 type), used for the direct mounting type Ø70 (3-Ø6), Ø50 (3-Ø5), Ø40 (3-Ø5), Ø38 (3-Ø4.5), Ø25 (middle fixing hole)</p>
<p data-bbox="244 795 429 825">Magnet supporter</p>  <p data-bbox="277 1027 394 1091">MTM-98 (Optional)</p>	 <p data-bbox="508 1040 1200 1103">Because the supporter is made of magnet, it is able to attach/detach to the iron structure, iron case, car and etc easily.</p>
 <p data-bbox="277 1442 394 1507">ST-013 (Optional)</p>	

●● Connection diagram

■ Rotating continuous light



■ Rotating continuous light, buzzer



※ We recommend installing the fuse at inner part of the power input wire for the safety.

※ In case of using transistor, please consider the polarity of power input even with the 24V d.c/a.c power supply voltage.

Control  
switch  
Combination  
display light

Power switch  
Main switch  
Cam switch

Limit switch  
Micro switch

Hoist switch  
Foot switch  
Mono lever switch

Sign tower  
Signal light

Buzzer  
Terminal block  
Fuse holder

Control box  
Cable connector

Discontinued  
Products

## TLB series

### TLB150 Turn light

- Ø140 large size rotating flashing light
- Rotating Continuous light, rotating continuous light and buzzer
- Incandescent lamp indicator (socket type)
- 24 V d.c/a.c or 100 – 240 V a.c.



### ●● Suffix code

Model	Code				Description
TLB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Turn light
Dimension	150				Ø140 cap
Cap shape	F				Rectangular cap direct installation
Function	A				Rotating continuous light
	F				Rotating continuous light, Buzzer
Power supply voltage	C51				24 V d.c/a.c 50 – 60 Hz
	A11				100 – 240 V a.c 50 – 60 Hz
Cap color		R			Red
		Y			Yellow
		G			Green

●● Specification

Model	TLB150-FAC51	TLB150-FAA11	TLB150-FFC51	TLB150-FFA11
Function	Rotating continuous light		Rotating continuous light, buzzer	
Dimension	Ø140 Cap			
Power supply voltage	24 V d.c/a.c	100 V - 240 V a.c	24 V d.c/a.c	100 V - 240 V a.c
Power frequency	50 - 60 Hz			
Power consumption	24 W max	33 W max	24 W max	33 W max
Rotation speed	Approx 85 times/min			
Light source (socket)	Incandescent lamp (BA 15S)			
Lamp capacity	24 V 21 W			
Buzzer	None		Buzzer built in (Approx 90 dB from distance 1m)	
Cap material	Polycarbonate (P.C)			
Body	ABS copolymer			
Lens color	Red, Yellow, Green			
Degree of protection	IP54			

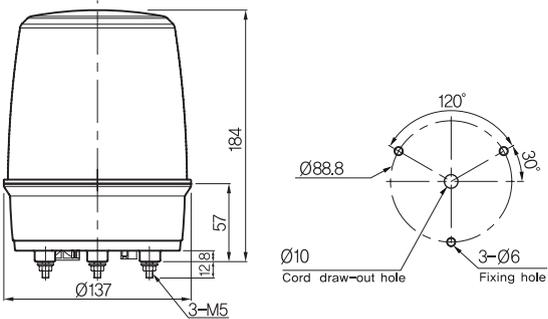
Control switch  
Combination display light

Power switch  
Main switch  
Cam switch

Limit switch  
Micro switch

Hoist switch  
Foot switch  
Mono lever switch

●● Dimension and panel cutout (unit : mm)

Model	Appearance	Dimension and panel cutout
TLB150		

Sign tower  
Signal light

Buzzer  
Terminal block  
Fuse holder

Control box  
Cable connector

Discontinued  
Products

●● Connection diagram

■ Rotating continuous light

TLB150-FAA11	TLB150-FAC51
<p>Orange Black ground(green/yellow)</p> <p>Power supply voltage 100 - 240 V a,c</p>	<p>Red Black</p> <p>Power supply voltage 24 V d,c/a,c</p> <p>※ Ignore the polarity when power voltage is d.c</p>

■ Rotating continuous light, buzzer

Model	Contact drive	NPN transistor drive	PNP transistor drive
TLB150-FFC51	<p>Buzzer(sky blue) rotating continuous light(red) Power(black)</p> <p>Power supply voltage 24 V d,c/a,c</p>	<p>Buzzer(sky blue) rotating continuous light(red) Power(black)</p> <p>Power supply voltage 24 V d,c</p>	<p>Buzzer(sky blue) rotating continuous light(red) Power(black)</p> <p>Power supply voltage 24 V d,c</p>
TLB150-FFA11	<p>Buzzer(sky blue) Common(gray) Orange Black</p> <p>Power supply voltage 100 - 240 V a,c</p>	<p>Buzzer(sky blue) Common(gray) Orange Black</p> <p>Power supply voltage 100 - 240 V a,c</p>	Inapplicable

※ We recommend installing the fuse at inner part of the power input wire for the safety

※ In case of using transistor, please consider the polarity of power input even with the 24V d.c./a.c power supply voltage.