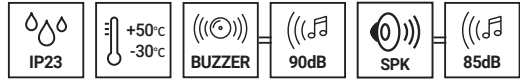


Ø45mm Ethernet LED Tower Lights

ST45(M)L-ETN



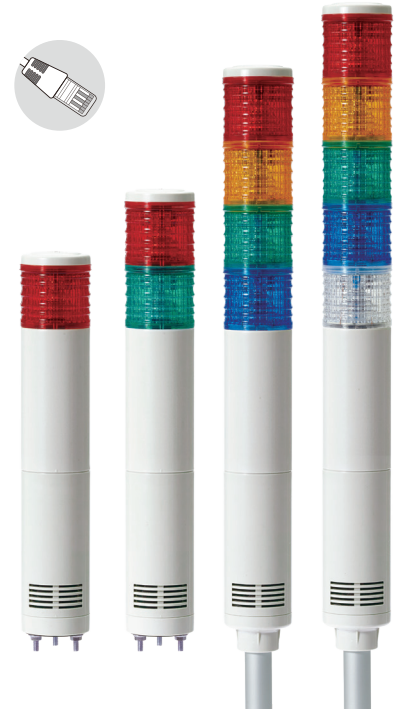
Remote control through internet or local area network

PRODUCT SPECIFICATION

ST45(M)L-ETN | ST56(M)EL-ETN
ST80(M)EL-ETN

Buzzer sounds Max.90dB at 1m
Warning sounds Max.85dB at 1m(Based on WS-Ch1)
Protection rating IP23

- Software controls the steady/flashing function
- Please refer to [Pre-recorded Sound Tone and Sound Combination Chart] for detailed information about selectable sound patterns.
- Ethernet port and power cable are provided with product
- LED module standard operation: 2 layers will operate at the same time



ST45(M)L-ETN Series

ST45(M)L-ETN Ø45mm Ethernet LED Tower Lights

Model number	Layers	Voltage	Certificates	Color
ST45L-ETN ST45ML-ETN	1	DC12V DC24V AC110V AC220V	CE	● R-Red
	2	DC12V DC24V AC110V AC220V		● R-Red ● G-Green
	3	DC12V DC24V AC110V AC220V		● R-Red ● A-Amber ● G-Green
	4	DC12V DC24V AC110V AC220V		● R-Red ● A-Amber ● G-Green ● B-Blue
	5	DC12V DC24V AC110V AC220V		● R-Red ● A-Amber ● G-Green ● B-Blue ○ W-White

Light source/signal sound current(based on 1 layer)

Voltage	DC12V	DC24V	AC110V	AC220V
Light source current(1 layer)	230mA	160mA	60mA	45mA
Signal sound current	350mA	230mA	85mA	55mA

Customization

- Customized color arrangements
- Customized pole length available
- Wall mount bracket



Wall mount bracket TWS45



Wall mount bracket TWA45

Ordering Specification

ST45L-ETN-WS	-	3	-	24	-	RAG	-	LW18
[Model number]		[Layers]		[Voltage]		[Color]		[Bracket]
ST45L-ETN-BZ		1-1 Layer		12-DC12V		● R-Red		None-Standard Bracket
ST45L-ETN-WS		2-2 Layers		24-DC24V		● A-Amber		-LB18 -LW18
ST45L-ETN-WM		3-3 Layers		110-AC110V		● G-Green		-QZ18 -SZ18
ST45L-ETN-WA		4-4 Layers		220-AC220V		● B-Blue		
ST45ML-ETN-BZ		5-5 Layers				○ W-White		
ST45ML-ETN-WS								
ST45ML-ETN-WM								
ST45ML-ETN-WA								

Mount brackets are available for the pole mount type(ST45L-ETN series) only.

Mounting bracket

Standard	LB18	LW18	QZ18
Steel	Steel	ABS	ABS
SZ18	QL18	SL18	
Al	ABS	Al	

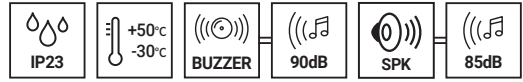
※ Please refer to [Tower Light Mounting Bracket] on this catalogue for detailed dimensions

Wiring Instructions

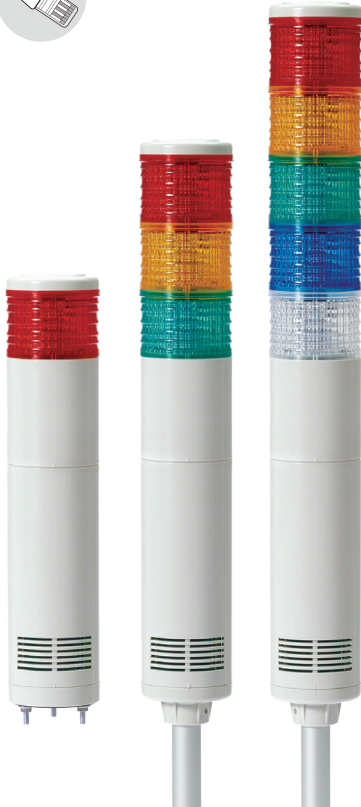
- Apply properly rated voltage through the POWER CABLE
- Connect the RJ45 connector of the UTP cable into the PC's Ethernet port or router
- External power line : UL1015 AWG18(0.75sq)×2C 400mm
- Power plug will be provided in case of AC type
- UTP cable : Category 5 cable
- DC type : Black output line is negative(-).

Ø56mm Ethernet LED Tower Lights

ST56(M)EL-ETN



Remote control through internet or local area network



ST56(M)EL-ETN Series

ST56(M)EL-ETN Ø56mm Ethernet LED Tower Lights

Model number	Layers	Voltage	Certificates	Color
ST56EL-ETN ST56MEL-ETN	1	DC12V DC24V AC110V AC220V		● R-Red
	2	DC12V DC24V AC110V AC220V		● R-Red ● G-Green
	3	DC12V DC24V AC110V AC220V		● R-Red ● A-Amber ● G-Green
	4	DC12V DC24V AC110V AC220V		● R-Red ● A-Amber ● G-Green ● B-Blue
	5	DC12V DC24V AC110V AC220V		● R-Red ● A-Amber ● G-Green ● B-Blue ○ W-White

※ KC Certification: AC220V(ST56EL-ETNS)

Light source/signal sound current(based on 1 layer)

Voltage	DC12V	DC24V	AC110V	AC220V
Light source current(1 layer)	240mA	165mA	65mA	50mA
Signal sound current	350mA	230mA	85mA	55mA

Wiring Instructions

- Apply properly rated voltage through the POWER CABLE
- Connect the RJ45 connector of the UTP cable into the PC's Ethernet port or router
- External power line - UL1015 AWG18(0.75sq) x 2C 400mm
- Power plug will be provided in case of AC type
- UTP cable: Category 5 cable
- DC type : Black output line is negative(-).

Customization

- Customized color arrangement available
- 70mm lens height(Standard 40mm)
- Customized pole length available
- Wall mount bracket
- KC Certification is available (Model number: ST56EL-ETNS, AC220V)



Mounting bracket

Standard	LB18	LW18	QZ18
Steel	Steel	ABS	ABS
SZ18	QL18	SL18	
AI	ABS	AI	

※ Please refer to [Tower Light Mounting bracket] on this catalogue for detailed dimensions

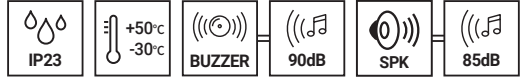
Ordering Specification

ST56EL-ETN-WS	-	3	-	220	-	RAG	-	QZ18
[Model number]		[Layers]		[Voltage]		[Color]		[Bracket]
ST56EL-ETN-BZ		1-1 Layer		12-DC12V		● R-Red		None-Standard
ST56EL-ETN-WS		2-2 Layers		24-DC24V		● A-Amber		Bracket
ST56EL-ETN-WM		3-3 Layers		110-AC110V		● G-Green		-LB18 -LW18
ST56EL-ETN-WA		4-4 Layers		220-AC220V		● B-Blue		-QZ18 -SZ18
ST56MEL-ETN-BZ		5-5 Layers				○ W-White		-QL18 -SL18
ST56MEL-ETN-WS								
ST56MEL-ETN-WM								
ST56MEL-ETN-WA								

Mount brackets are available for the pole mount type(ST56EL-ETN series) only.

Ø80mm Ethernet LED Tower Lights

ST80(M)EL-ETN



Remote control through internet or local area network

ST80(M)EL-ETN Ø80mm Ethernet LED Tower Lights

Model number	Layers	Voltage	Certificates	Color
ST80EL-ETN ST80MEL-ETN	1	DC12V DC24V AC110V AC220V	-	● R-Red
	2	DC12V DC24V AC110V AC220V	-	● R-Red ● G-Green
	3	DC12V DC24V AC110V AC220V	-	● R-Red ● A-Amber ● G-Green
	4	DC12V DC24V AC110V AC220V	-	● R-Red ● A-Amber ● G-Green ● B-Blue
	5	DC12V DC24V AC110V AC220V	-	● R-Red ● A-Amber ● G-Green ● B-Blue ○ W-White



ST80(M)EL-ETN Series

Light source/signal sound current(based on 1 layer)

Voltage	DC12V	DC24V	AC110V	AC220V
Light source current(1 layer)	230mA	160mA	60mA	45mA
Signal sound current	350mA	230mA	85mA	55mA

Wiring Instructions

- Apply properly rated voltage through the POWER CABLE
- Connect the RJ45 connector of the UTP cable into the PC's Ethernet port or router
- External power line - UL1015 AWG18(0.75sq) x 2C 400mm
- Power plug will be provided in case of AC type
- UTP cable: Category 5 cable
- DC type : Black output line is negative(-).

Customization

- Customized color arrangements available
- 70mm lens height(Standard 40mm)
(Model number: ST80(M)L-ETN)
- Customized pole length available
- Wall mount bracket



Wall mount bracket TWS80



Wall mount bracket TWA80

Ordering Specification

ST80EL-ETN-WS	-	3	-	24	-	RAG	-	QZ24
[Model number]		[Layers]		[Voltage]		[Color]		[Bracket]
ST80EL-ETN-BZ		1-1 Layer		12-DC12V		● R-Red		None-Standard Bracket
ST80EL-ETN-WS		2-2 Layers		24-DC24V		● A-Amber		-LB24 -LW24
ST80EL-ETN-WM		3-3 Layers		110-AC110V		● G-Green		-QZ24 -SZ24
ST80EL-ETN-WA		4-4 Layers		220-AC220V		● B-Blue		-QL24 -SL24
ST80MEL-ETN-BZ		5-5 Layers				○ W-White		
ST80MEL-ETN-WS								
ST80MEL-ETN-WM								
ST80MEL-ETN-WA								

Mount brackets are available for the pole mount type(ST80EL-ETN series) only.

Mounting bracket

Standard	LB24	LW24	QZ24
Steel	Steel	ABS	ABS
SZ24	QL24	SL24	
AI	ABS	AI	

※ Please refer to [Tower Light Mounting Bracket] on this catalogue for detailed dimensions

ST-ETN Series

Technical Diagram

Units : mm

