QTR50(M)L-ETN

Ethernet | IP54 | +50℃ -30℃ | BUZZER | 85dB | RoHS

Remote control of equipment through Ethernet communication

PRODUCT SPECIFICATION

QTR50(M)L-ETN | QTR60(M)L-ETN
QTR70(M)L-ETN

Volume Max. 85dB at 1m
Communication speed 10M/Half Duplex method
Protection rating IP54
Compliant with RoHS directive

- Supports industrial Modbus TCP, TCP/IP, UDP/IP, HTTP, and various communication protocols.
- Supports real-time network communication monitoring.
- External I/O contact support enables communication and redundant operation. (Customized option)
- The product can be monitored or controlled from a remote location using an application program.
- Steady/flashing operation of the LED signal light can be configured by the program.
- The product is provided with a LAN control connector and a power cable.
- LED module standard operation: 2 layers will operate at the same time
- Supported OS: 32bit / 64bit Windows 7 or later
- Supported libraries:

No.	System Architecture (OS)	Supported Languages
1	x86 (32bit)	VB 6.0, C++ 6.0, VB, C++, C#
2	x64 (64bit)	VB, C++, C#, Python



QTR50(M)L-ETN Series

QTR50(M)L-ETN Ø50mm Ethernet LED Tower Lights

Model number	Layers	Voltage	Certificates	Color
QTR50(M)L-ETN-BZ QTRA50(M)L-ETN-BZ (BZ: 5 buzzer sounds)	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

Light source/buzzer current(based on 1 layer)

Voltage	DC12V	DC24V	AC110V	AC220V
Light source current(1 layer)	265mA	285mA	70mA	50mA
Signal sound current	215mA	245mA	55mA	35mA

Mounting bracket

Standard	LB18	LW18	QZ18
			
Steel	Steel	ABS	ABS
SZ18	QL18	SL18	SLB370
			
Al	ABS	Al	PC, Steel

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

Customization

· External I/O contact interface
· Customized color arrangement available
· Customized pole length available
· Wall mount bracket



Wall mount bracket TWS45



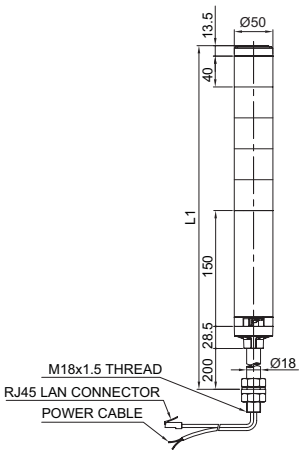
Wall mount bracket TWA45

QTR50(M)L-ETN

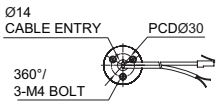
Technical Diagram

Units : mm

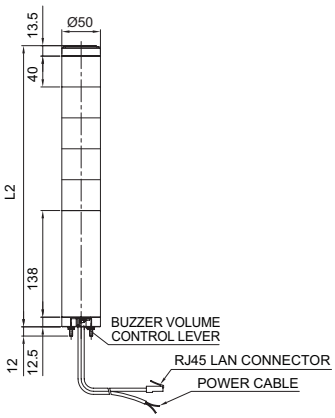
·QTR50L-ETN-BZ



LAYER	L1	L2
1	432	204
2	472	244
3	512	284
4	552	324
5	592	364



·QTR50ML-ETN-BZ



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

Ordering Specification

QTR50L-ETN-BZ	-	3	-	24	-	RAG	-	LW18
[Model number]		[Layers]		[Voltage]		[Color]		[Bracket]
QTR50L-ETN-BZ QTR50ML-ETN-BZ QTRA50L-ETN-BZ QTRA50ML-ETN-BZ		1-1 Layer 2-2 Layers 3-3 Layers 4-4 Layers 5-5 Layers		12-DC12V 24-DC24V 110-AC110V 220-AC220V		R-Red A-Amber G-Green B-Blue W-White		None-Standard Bracket -LB18 -LW18 -QZ18 -SZ18 -QL18 -SL18 -SLB370

QTR60(M)L-ETN

Ethernet | IP54 | +50℃ -30℃ | BUZZER | 85dB | RoHS

Remote control of equipment through Ethernet communication

QTR60(M)L-ETN Ø60mm Ethernet LED Tower Lights

Model number	Layers	Voltage	Certificates	Color
QTR60(M)L-ETN-BZ QTRA60(M)L-ETN-BZ (BZ: 5 buzzer sounds)	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



QTR60(M)L-ETN Series

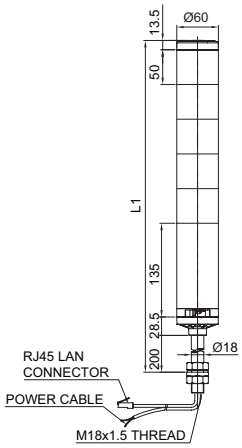
Light source/buzzer current(based on 1 layer)

Voltage	DC12V	DC24V	AC110V	AC220V
Light source current(1 layer)	285mA	300mA	75mA	45mA
Signal sound current	215mA	245mA	55mA	35mA

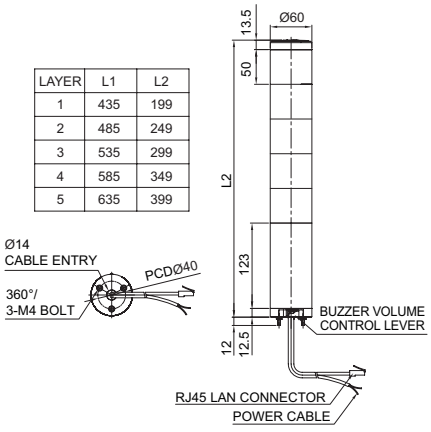
Technical Diagram

Units : mm

·QTR60L-ETN-BZ



·QTR60ML-ETN-BZ



LAYER	L1	L2
1	435	199
2	485	249
3	535	299
4	585	349
5	635	399

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

Ordering Specification

QTR60L-ETN-BZ	-	3	-	24	-	RAG	-	LW18

[Model number]	[Layers]	[Voltage]	[Color]	[Bracket]
QTR60L-ETN-BZ QTR60ML-ETN-BZ QTRA60L-ETN-BZ QTRA60ML-ETN-BZ	1-1 Layer 2-2 Layers 3-3 Layers 4-4 Layers 5-5 Layers	12-DC12V 24-DC24V 110-AC110V 220-AC220V	R-Red A-Amber G-Green B-Blue W-White	None-Standard Bracket -LB18 -LW18 -QZ18 -SZ18 -QL18 -SL18

Mounting bracket

Standard	LB18	LW18	QZ18
			
Steel	Steel	ABS	ABS
SZ18	QL18	SL18	SLB370
			
Al	ABS	Al	PC, Steel

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

Customization

- External I/O contact interface
- Customized color arrangement available
- Customized pole length available
- Wall mount bracket



Wall mount bracket TWS45



Wall mount bracket TWA45

QTR70(M)L-ETN

Remote control of equipment through Ethernet communication



QTR70(M)L-ETN Series

QTR70(M)L-ETN Ø70mm Ethernet LED Tower Lights

Model number	Layers	Voltage	Certificates	Color
QTR70(M)L-ETN-BZ QTRA70(M)L-ETN-BZ (BZ: 5 buzzer sounds)	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

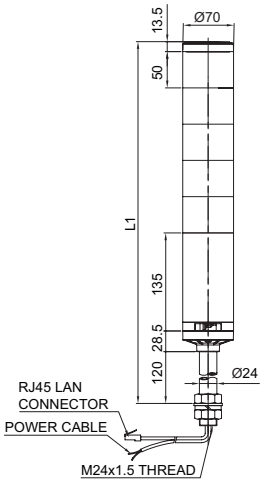
Light source/buzzer current(based on 1 layer)

Voltage	DC12V	DC24V	AC110V	AC220V
Light source current(1 layer)	285mA	300mA	75mA	45mA
Buzzer current	215mA	245mA	55mA	35mA

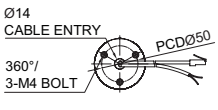
Technical Diagram

Units : mm

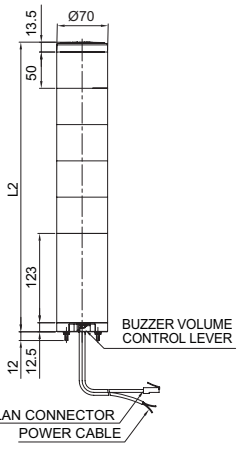
·QTR70L-ETN-BZ



LAYER	L1	L2
1	357	199
2	407	249
3	457	299
4	507	349
5	557	399



·QTR70ML-ETN-BZ



Customization

- External I/O contact interface
- Customized color arrangements
- Customized pole length available
- Wall mount bracket



Wall mount bracket TWS80



Wall mount bracket TWA80

Ethernet | IP54 | +50°C -30°C | BUZZER | 85dB | RoHS

Mounting bracket

Standard	LB24	LW24	QZ24	SZ24	QL24	SL24
						
Steel	Steel	ABS	ABS	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) x 2C 400mm
· Power plug will be provided in case of AC type
· UTP cable: Category 5 cable

Ordering Specification

QTR70L-ETN-BZ	-	3	-	24	-	RAG	-	LW24
[Model number]		[Layers]		[Voltage]		[Color]		[Bracket]
QTR70L-ETN-BZ QTR70ML-ETN-BZ QTRA70L-ETN-BZ QTRA70ML-ETN-BZ		1-1 Layer 2-2 Layers 3-3 Layers 4-4 Layers 5-5 Layers		12-DC12V 24-DC24V 110-AC110V 220-AC220V		R-Red A-Amber G-Green B-Blue W-White		None-Standard Bracket -LB24 -LW24 -QZ24 -SZ24 -QL24 -SL24