



ELECTRICAL COMPONENTS

Modular Tower Lights

- 24VDC & 110V-220VAC
- Pole-mount / Self-Standing / M12
- Clear / Translucent LED Module
- Buzzer

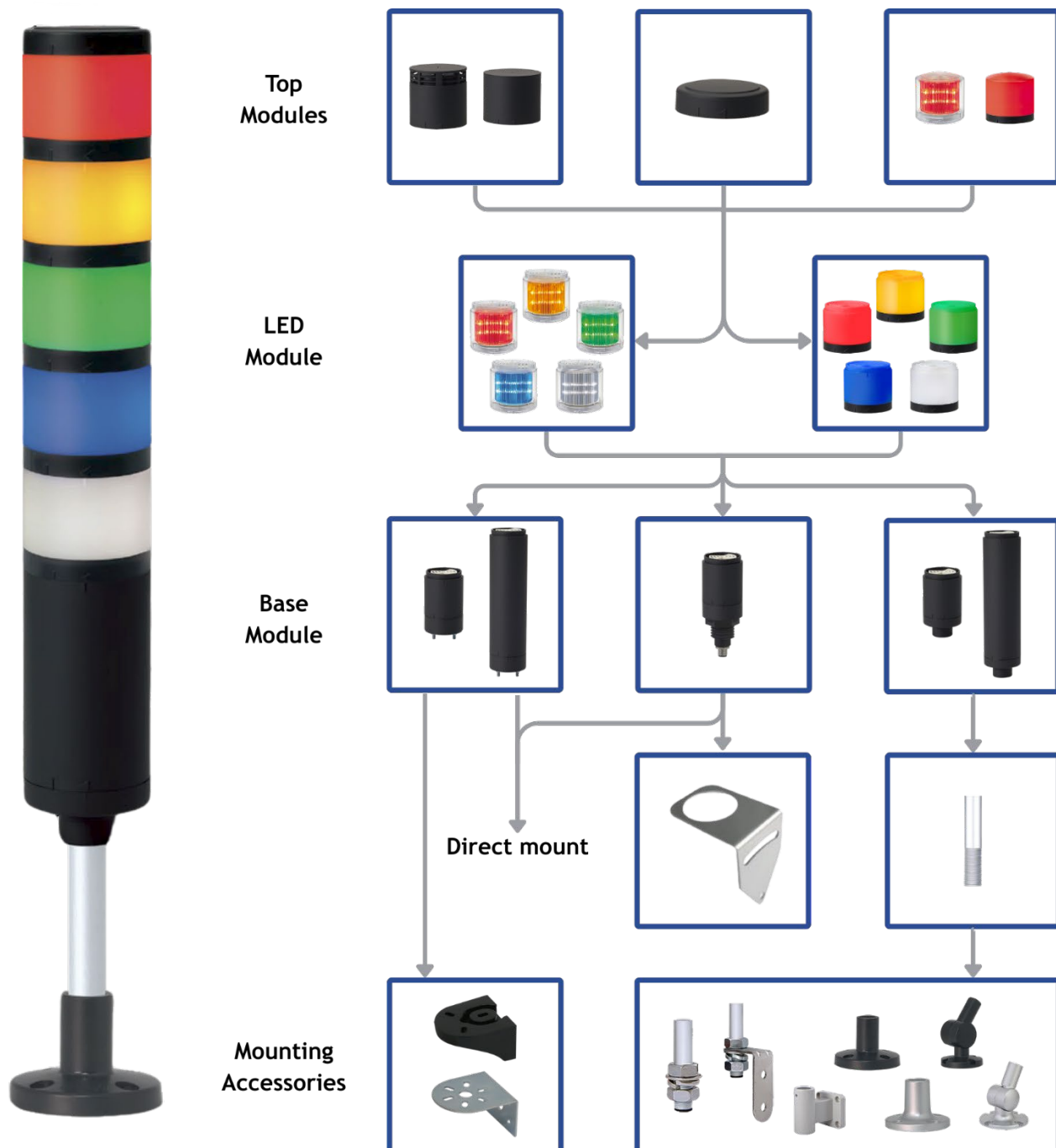


Introduction

ITC's Modular LED Tower Lights allow you to create exactly the signalling solution you need by combining modules. Available in Ø50mm and Ø70mm diameters with IP65 rating when assembled, this flexible system adapts to any industrial application without rewiring.

Start with your choice of top module. Next, insert the LED module in your preferred color and mode (steady or flashing, clear or diffused). Then select the base module – self-standing, pole-mount, or M12-connector – for quick, secure installation. Finally, add one of our versatile mounting brackets to suit your environment.




The following chart shows you how to build your tower light:



Top modules (Cover)

The top module serves as the final cover and closure for modular tower lights. Designed for durability and secure fitting, it protects internal components from dust and moisture, maintaining IP65 of the stack (except non-waterproof buzzer modules). Available as simple cover, or as module.

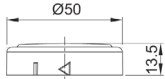
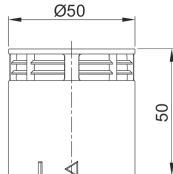
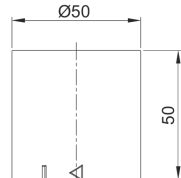

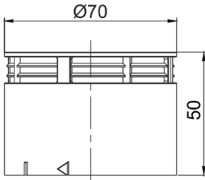
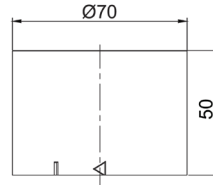
Cover and Buzzer Modules (Order by Part No.)

	Cover	Standard buzzer module(Max.90dB)	High volume buzzer module (Max.100dB)	Waterproof buzzer module (Max.85dB)
				
Size	Part No.			
Ø50mm	QT-MG50-CV-BK	QT-MG50-BZ-24-BK	QT-MG50-HBZ-24-BK	QT-MG50-WBZ-24-BK
Ø70mm	QT-MG70-CV-BK	QT-MG70-BZ-24-BK	QT-MG70-HBZ-24-BK	QT-MG70-WBZ-24-BK

Information subject to change without notice


*IP65 applies only when using the cover or the waterproof buzzer module; standard and high-volume buzzers: IP23.

Dimensions (mm)

	Cover	Standard / High volume buzzer module	Waterproof buzzer module
Ø50mm			
Ø70mm			

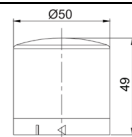
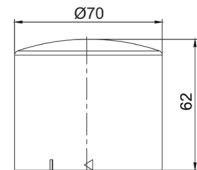
Information subject to change without notice

Cover integrated LED Steady/Flashing modules (Order by Part No.)

	Clear lens, clear body	Translucent lens, black body
		
Size	Part No.	
Ø50mm	QT-MCA50-R-24	QT-MRA50-R-24
Ø70mm	QT-MCA70-R-24	QT-MRA70-R-24

Information subject to change without notice

Dimensions (mm) - All covers with LED

Size	
Ø50mm	
Ø70mm	

Information subject to change without notice

LED modules

The LED module provides clear visual signaling in red, green, yellow, blue, or white. Designed for reliable, energy-efficient performance, each module offers selectable steady or flashing operation. Stackable and maintenance-free, these modules ensure high visibility in industrial environments while allowing flexible reconfiguration based on application needs.

Clear lens, clear body LED module (Order by Part No.)

Part No.	Red	Amber	Green	Blue	White
Ø50mm	QT-MC50-R-24	QT-MC50-A-24	QT-MC50-G-24	QT-MC50-B-24	QT-MC50-W-24
Ø70mm	QT-MC70-R-24	QT-MC70-A-24	QT-MC70-G-24	QT-MC70-B-24	QT-MC70-W-24

Information subject to change without notice

Translucent lens, clear body LED module (Order by Part No.)

Part No.	Red	Amber	Green	Blue	White
Ø50mm	QT-MR50-R-24	QT-MR50-A-24	QT-MR50-G-24	QT-MR50-B-24	QT-MR50-W-24
Ø70mm	QT-MR70-R-24	QT-MR70-A-24	QT-MR70-G-24	QT-MR70-B-24	QT-MR70-W-24

Information subject to change without notice

Dimensions (mm) - All LED modules

Ø50mm	Ø70mm
<p>Ø50 Ø44.7 40 47</p>	<p>Ø70 Ø64.7 50 57</p>

Information subject to change without notice

How to assemble the modules

<p>Assemble so that the I-shaped projections of the module to be assembled coincide with each other.</p>	<p>Lock the upper module by rotating the upper module clockwise so that the triangular protrusion aligns with the I-shaped protrusion of the lower module.</p>





How to disassemble the modules

<p>Make sure that the I-shaped projection of the upper module is aligned with the I-shaped projection of the lower module. Rotate the upper module counterclockwise.</p>	<p>Separate the upper module to the upper side.</p>

Base Modules

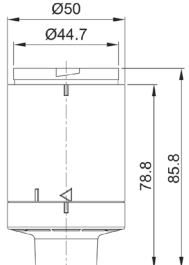
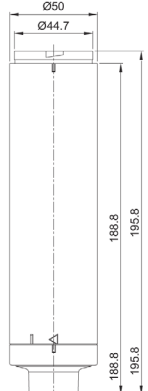
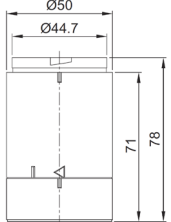
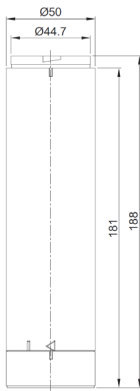
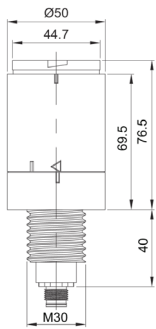
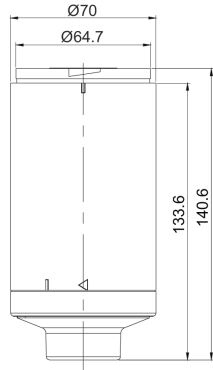
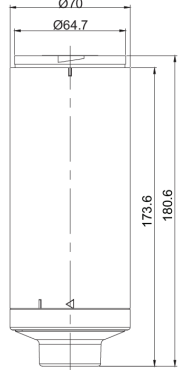
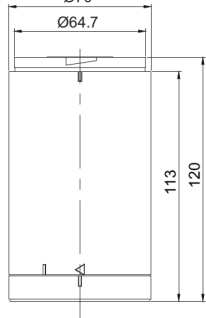
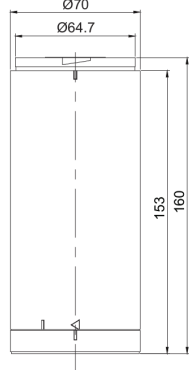
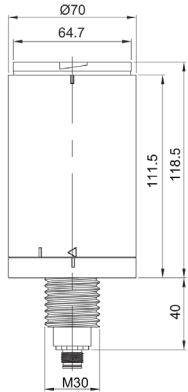
The base module provides the secure foundation for the stacked LED and top modules. Options include pole-mount, self-standing or M12 connector styles, which compatible with various brackets for flexible mounting options. Available in 24VDC or 110-220VAC power options.

Base Module (Order by Part No.)

	Pole Mount		Self-standing		M12 connector
	24VDC, 400mA	110V-220VAC, Max. 250mA	24VDC, 400mA	110V-220VAC, Max. 250mA	24VDC, 400mA
					
Size	Part No.				
Ø50mm	QT-MG50-BS-DC-BK	QT-MG50-BS-AC-BK	QT-MG50-MBS-DC-BK	QT-MG50-MBS-AC-BK	QT-MG50-BS-DC-M12-BK
Ø70mm	QT-MG70-BS-DC-BK	QT-MG70-BS-AC-BK	QT-MG70-MBS-DC-BK	QT-MG70-MBS-AC-BK	QT-MG70-BS-DC-M12-BK

Information subject to change without notice

Dimensions (mm)


	Pole Mount		Self-standing		M12 connector
Size	DC24V, 400mA	AC110V-220V, Max. 250mA	DC24V, 400mA	AC110V-220V, Max. 250mA	DC24V, 400mA
Ø50mm					
Ø70mm					

Information subject to change without notice

Accessories








Mounting accessories for modular tower light, including poles and brackets.

Poles for pole mount base (Order by Part No.)

	Size	Thread	Part No.	Length (mm)
	Ø50mm	M18	QT-PE18-100	100
			QT-PE18-250	250
			QT-PE18-400	400
			QT-PE18-600	600
			QT-PE18-800	800
			QT-PE18-1000	1000
	Ø70mm	M24	QT-PE24-100	100
			QT-PE24-250	250
			QT-PE24-400	400
			QT-PE24-600	600
			QT-PE24-800	800
			QT-PE24-1000	1000



Information subject to change without notice

Mount bracket and accessories for pole mount base (Order by Part No.)

Size	Part No.	Description.	Material	
Ø50mm	QT-SN18	Tower light module, Mounting adapter - thread, for 50mm QT modules with pole	Steel	
Ø70mm	QT-SN24	Tower light module, Mounting adapter - thread, for 70mm QT modules with pole		
Ø50mm	QT-LB18	Tower light wall mount bracket, for 50mm QT modules with pole	Steel	
Ø70mm	QT-LB24	Tower light wall mount bracket, for 70mm QT modules with pole		
Ø50mm	QT-LW18	Tower light wall mount bracket, IVORY, for 50mm QT modules with pole	ABS	
Ø70mm	QT-LW24	Tower light wall mount bracket, IVORY, for 70mm QT modules with pole		
Ø50mm	QT-QZ18	Tower light mounting base, black, vertical, for 50mm QT modules with pole	ABS	
Ø70mm	QT-QZ24	Tower light mounting base, black, vertical, for 70mm QT modules with pole		
Ø50mm	QT-SZ18	Tower light mounting base, silver, vertical, for 50mm QT modules with pole	Al	
Ø70mm	QT-SZ24	Tower light mounting base, silver, vertical, for 70mm QT modules with pole		
Ø50mm	QT-QL18	Tower light mounting base, black, 160 deg pivot, for 50mm QT modules with pole	ABS	
Ø70mm	QT-QL24	Tower light mounting base, black, 160 deg pivot, for 70mm QT modules with pole		
Ø50mm	QT-SL18	Tower light mounting base, silver, 160 deg pivot, for 50mm QT modules with pole	Al	
Ø70mm	QT-SL24	Tower light mounting base, silver, 160 deg pivot, for 70mm QT modules with pole		


Information subject to change without notice

Mount bracket and accessories for self-standing mount base (Order by Part No.)

Size	Part No.	Description.	Material	
Ø50mm	QT-TWS45	Tower light mounting base, wall mount, STEEL, for 50mm modules base mount	Steel	
Ø70mm	QT-TWS80	Tower light mounting base, wall mount, STEEL, for 70mm modules base mount		
Ø50mm	QT-TWA45	Tower light mounting base, wall mount, BLACK, for 50mm modules base mount	PC	
Ø70mm	QT-TWA80	Tower light mounting base, wall mount, BLACK, for 70mm modules base mount		

Information subject to change without notice

Mount bracket for M12 connector mount base (Order by Part No.)

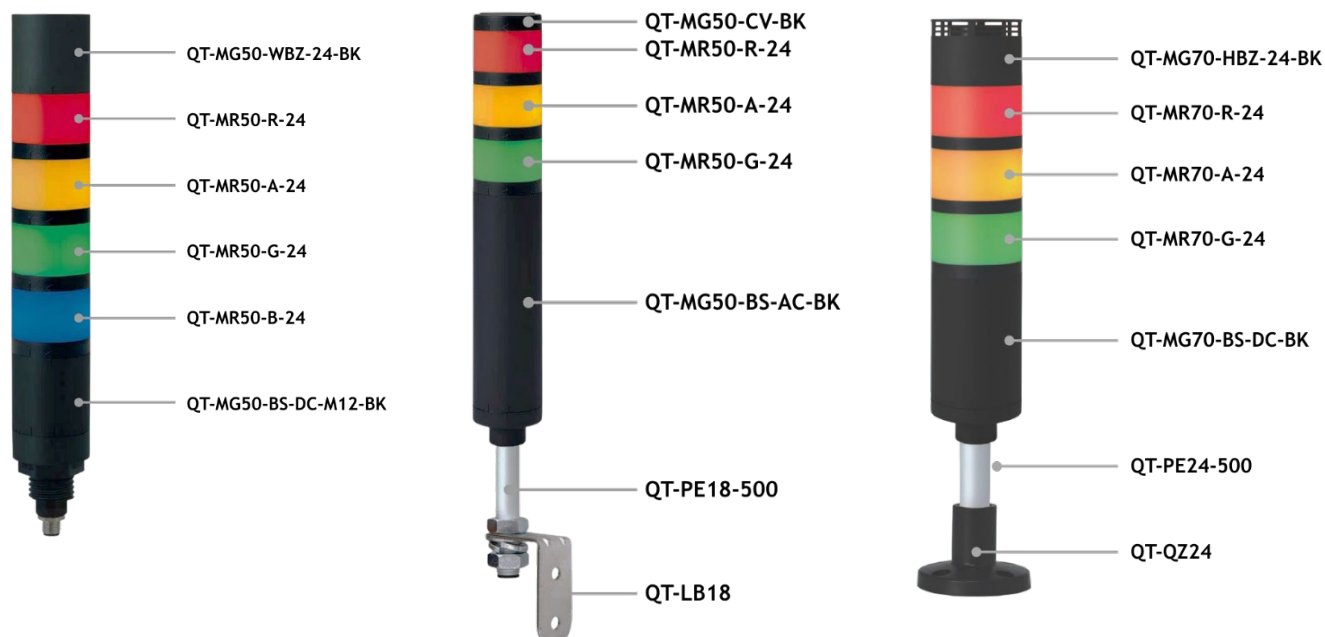
Size	Part No.	Description.	Material	
Ø50mm/ Ø70mm	100.043	Mounting Bracket for all M12 mounting base, STEEL	Steel	
	100.043A	Mounting Bracket for all M12 mounting base, ALUMINUM	Al	

Information subject to change without notice

Features and Specifications (Completed modular tower light):

- **Connection type:** Stranded cable / M12 connector (8 pins, Male)
- **IP rating:** IP65 (IP23 when using standard and high volume buzzer module)
- **Materials:** Lens: PC | Housing: ABS
- **Ambient operating temperature:** -30°C to +50°C
- **Flashing rate:** 60-80 flashes/min
- **Sound Volume:**
 - **Standard buzzer:** Max.90dB at 1m
 - **High-volume buzzer:** Max.100dB at 1m
 - **Waterproof buzzer:** Max.85dB at 1m
- **Voltage:** 24VDC / 110-220VAC
- **Approvals:** cULus (#E311924)

Examples of Modular Tower Light configuration:





ELECTRICAL COMPONENTS

416.663.7223
www.itcproducts.com
50 Mural St Unit 8
Richmond Hill, ON L4B 1E4



DIN Rail



DIN Rail Accessories



Hinged Enclosures



Thermal
Management



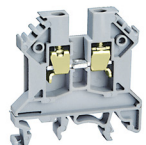
PANEL Lighting



Multipole Connectors



Compact
IP68 Connectors



Terminal Blocks



Terminal Strips



Screwless
Parallel Connectors



22.5mm Pushbuttons



LED Indicators



Control Stations



Limit Switches



Micro Limit Switches



Safety Switches



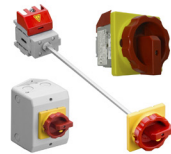
Foot Switches



Circuit Breakers



IEC Contactors



Disconnect Switches



Midget and CC
Fuse Holders



Tower Lights



Power Continuity



Ferrules



Colour Coded Lugs



Crimp Terminals



Termination Kits



Cable Glands



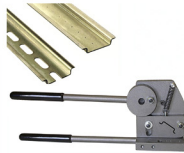
Thread Adapters



Cable Entry Systems



Wire Management



DIN Rail Cutters



Assembly Tables



Cutting & Stripping



Crimping Tools



Hole Cutting &
Punching Tools

SOME OF OUR MANUFACTURING PARTNERS

bimed

df
Electric

DSE

ALFRA

COMEPI

IME

TEKNIC
ELECTRIC

DETASULTRA

sontheimer