ITC
ELECTRICAL
COMPONENTS

LED Light Bars
& Work Lights

- Multi-Voltage
- Waterproof
- Heavy Duty
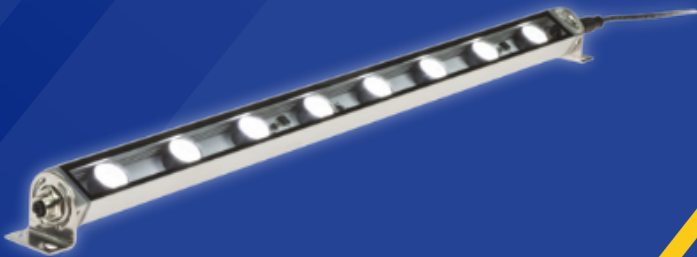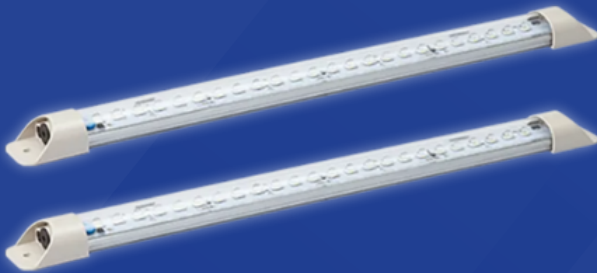
QPLC Series 24VDC LED Light Bars

The QPLC Series features a fully enclosed, slim-profile design with IP65 protection, making it ideal for dusty or humid environments. Its dome-type, dust-resistant lens delivers bright, consistent illumination while offering a clean, modern appearance. With a compact 24mm thickness and a direct AC LED control system, the QPLC Series combines performance and style. Each unit includes cable and mounting holes at both ends for easy installation.

Features and Specifications:

- **Voltage**: 24VDC
- **Connection type**: Standard 400mm cable (2C) / M12 connector (optional)
- **Lens type:** Transparent; translucent lens available
- **Colour and temperature:** Cool Daylight, 6000-7000K
- **IP Rating**: IP65
- **Operating Temperature** : -30 to 50ºC
- **Materials**: **Lens:** PC | **Side:** ABS | **Heatsink:** AL
- **Approvals:** cULus (# E469905)

QPLC LIGHT BARS Series (Order by Part No.)

Part No.	Power	Luminous Flux (lm)	Dimensions (mm)		
			A	B	C
LED-QPLC-200	3.7W	180	200	100	175
LED-QPLC-300	3.7W	250	300	200	275
LED-QPLC-400	5.5W	440	400	300	375
LED-QPLC-500	7.3W	600	500	400	475

Information subject to change without notice
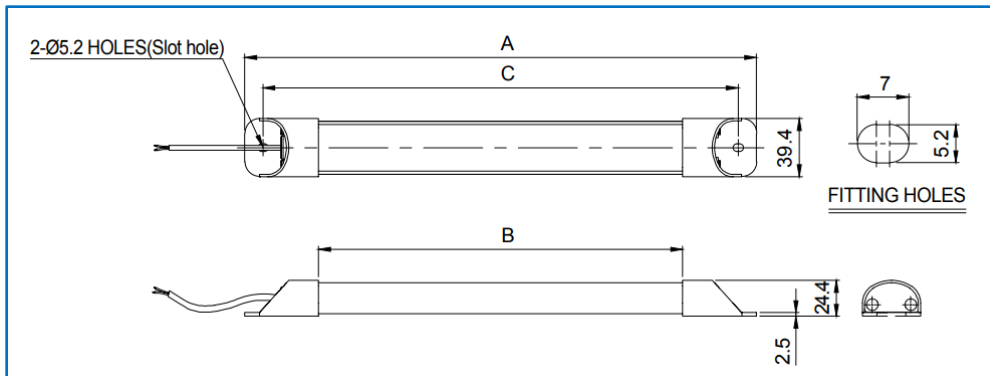
Information subject to change without notice

QCMLC Series IP67/69K 24VDC LED Light Bars

The QCMLC Series of LED light bars are designed for industrial environments, including high-temperature washdown areas. With a waterproof build and sleek design, they offer both durability and performance.

Available in two options: a cool white single-color model for clear illumination, and a multi-color version with 7 selectable colors—Red, Green, Blue, Amber, Violet, Cyan, and White—for versatile signaling or ambient lighting needs.

Each unit includes 2 to 4 sliding mounting brackets, allowing flexible installation at both ends.

Features and Specifications:

- **Voltage**: 24VDC
- **Connection method**: 400mm cable (2c) / M12 connector (optional)
- **Lens Type**: Transparent; translucent lens available
- **Colour and temperature:** Cool daylight, 6,000-7,000K
- **IP rating**: IP67/IP69K
- **Operating Temperature** : -30 to 50ºC
- **Materials:**
  - **Lens:** PC | **Side cover:** PC
  - **Heatsink:** AL | **Bracket:** PC
- **Approvals**: cULus (# E469905)
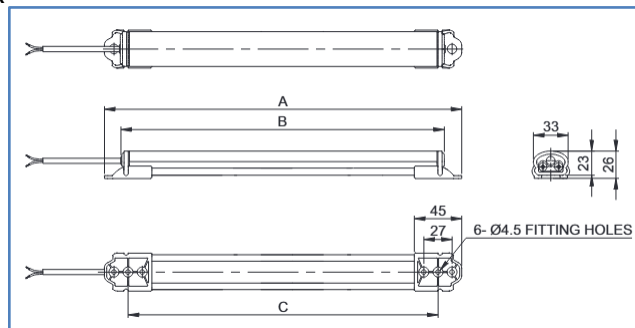
QCMLC – Transparent/Translucent LED Bars (Order by Part No.*)

Part No. Cool White (Transparent lens)	Part No. 7 Colours (Transparent lens)	Power	Luminous Flux (lm) (Cool White, Transparent Lens)	Dimensions (mm)			# of sliding brackets
				A	B	C	
LED-QCMLC-200-W	LED-QCMLC-200-7C	5.5W	300	262	228	45-217	2
LED-QCMLC-300-W	LED-QCMLC-300-7C	6W	400	362	328	45-317	2
LED-QCMLC-400-W	LED-QCMLC-400-7C	11W	600	462	428	45-417	2
LED-QCMLC-500-W	LED-QCMLC-500-7C	11.5W	750	562	528	45-517	2
LED-QCMLC-600-W	LED-QCMLC-600-7C	11.5W	900	662	628	45-617	2
LED-QCMLC-900-W	LED-QCMLC-900-7C	17W	1200	962	928	45-917	3
LED-QCMLC-1200-W	LED-QCMLC-1200-7C	22W	1800	1262	1228	45-1217	4
LED-QCMLC-1500-W	LED-QCMLC-1500-7C	28W	2200	1562	1528	45-1517	4
LED-QCML-FOLDABLE-BRACKET	Foldable bracket for QCML series						

Information subject to change without notice; for translucent models, use QCML-xxx-W to order

# QELT Series 110VAC LED Light Bars for Panels with Terminal Block

The QELT Series is designed for reliable cabinet lighting, offering bright, wide light distribution for clear visibility inside control panels. These LED bars connect directly to 110VAC with no external power supply needed for stable illumination.

Available in 4 lengths (200/300/400/500mm), each unit includes two removable stainless steel sliding brackets for flexible mounting, along with a standard direct connect terminals for easy installation. Optional M12 connector customization is available on request.

Features and Specifications:

- **Voltage**: AC110-120V
- **Connection method**: Direct connect terminals
- **Lens Type**: Translucent
- **Colour and temperature:** Cool Daylight, 6000-7000K
- **Operating Temperature** : -30 to 50°C
- **Materials: Lens:** PC │ **Side cover:** PC │ **Bracket:** Stainless steel 201
- **Approvals**: cURus (E539426)
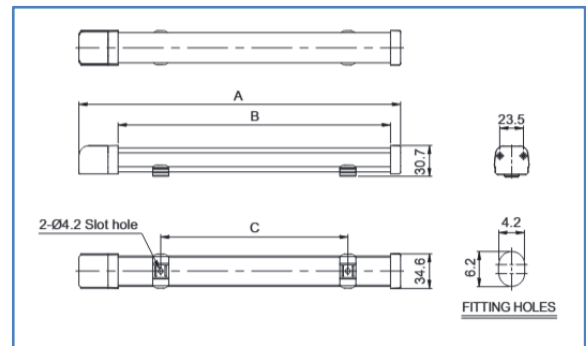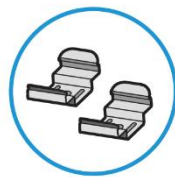
QELT 110VAC LED light Bars with Built-in Terminal Type (Order by Part No.)

Part No.	Power (AC110V)	Luminous Flux (lm)	Dimensions (mm)		
			A	B	C
LED-QELT-200-110	5W	180	249	100	16-170
LED-QELT-300 110	9W	300	349	200	16-270
LED-QELT-400 110	13W	420	449	300	16-370
LED-QELT-500 100	15W	500	549	500	16-470

Information subject to change without notice

Multi-Voltage Compact LED Light Bars with Magnetic Mounting - 24V-265V

Convenient, energy efficient lighting fixtures (lamps) for mounting inside panels.

These lamps can be mounted to the panel either with clips (supplied) or by the magnets on the back. A strong connection is made by the spring-loaded terminal blocks (located at each end of the device, allowing daisy-chain assembly of up to 16 lamps in AC, up to 8 lamps in DC).

Two models are available - with ON/OFF switch or with motion sensor (switch-off time is 5 minutes).

Features and specifications:

- **Voltage**: 24 to 265V, AC 50/60 Hz or DC
- **Connection method:** Push-in Terminal Blocks / 22-16AWG
- **Power consumption:** 4W
- **Light output:** 400Lm (Cool white light, 6500K)
- **Operating temperature:** -30°C to +70°C (-22°F to +158°F)
- **Materials**: Polycarbonate
- **Approvals:** cURus

Spring loaded connection:

ø AWG 22 -16   ø AWG 22 -18
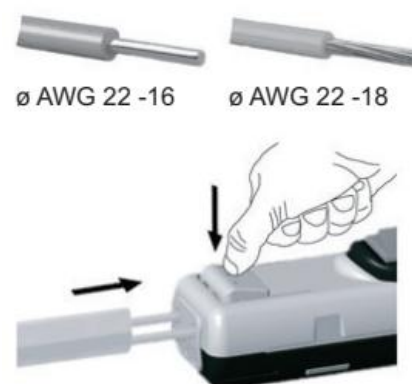
LED Panel Lighting (Order by Part No.)

Part No.	Description	Power	Luminous Flux (lm)	Dimensions (mm)		
				H	W	L
LED65KMP	with motion sensor	4W	400	43	32	357
LED65KSP	With ON/OFF switch	4W	400	43	32	357

Information subject to change without notice

L3 Series Heavy Duty 24VDC LED Light Bars

The L3 Series is a heavy-duty LED lighting solution designed for use in industrial machinery across sectors including machine tools, packaging, food, and pharmaceuticals. Built with a durable aluminum housing and tempered glass cover, it offers IP65 protection, making it suitable for demanding environments.

Equipped with dual M12 connectors, the L3 allows for easy daisy-chaining, and the included adjustable stainless steel brackets enable flexible 180° positioning. Models are available with standard glass or a light-diffusing film to reduce luminous intensity where needed.


Features and Specifications:

- **Voltage**: 24VDC
- **Connection type**: M12 4pin connector
- **Lens type:** Transparent
- **Colour and temperature:** 5500-6000K
- **IP Rating**: IP65
- **Operating Temperature** : -20 to 40°C
- **Materials**: **Lens**: Tempered glass | **Body:** Al | **Bracket:** Stainless steel

LED Light Bars (Order by Part No.)

Part No.	Power	Luminous Flux (lm)	Dimensions (mm)		
			H	W	L
LED-L3-250	6.5W	610	32	24.7	268
LED-L3-500	12.5W	1180	32	24.7	518
LED-L3-500R	12.5W	1180	32	24.7	518
LED-L3-1000	25W	2370	32	24.7	1018

Information subject to change without notice

Dimensions – L3 series
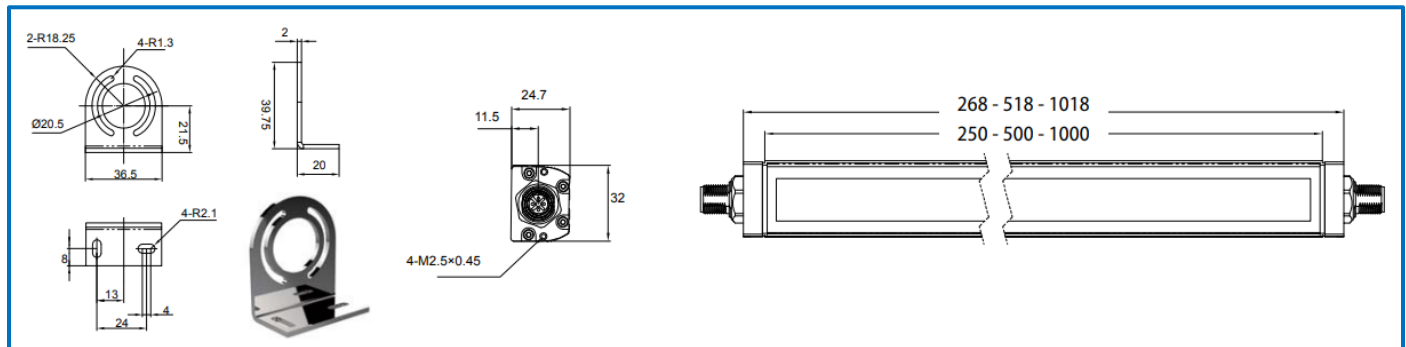
All dimensions in mm

QML LED Work Lights - Water, Vibration and Oil Resistant, IP67/69K

The QML Series delivers durable, anti-glare floodlighting designed for harsh industrial environments. Rated at IP67/IP69K, these lights are highly resistant to water, oil, and vibration, making them ideal for machine tools and areas exposed to cutting fluids or high-pressure cleaning.

The tempered glass cover safeguards against impact from metal chips, while multiple mounting options—including direct mount, tilt, and pan/tilt brackets—offer flexibility for various applications. Available in two widths: 150mm and 250mm, the QML Series ensures reliable, long-lasting illumination in demanding conditions.

QML-150-D

**QML-150-K** **QML-250-MF**

Features and Specifications:

- **Voltage**: 24VDC
- **Connection**: 450mm 2C cable; M12 available
- **Operating Temperature**: -30 to 60℃
- **Lens Type**: Translucent
- **IP rating**: IP67/IP69K
- **Materials: Lens:** Anti-Glare Tempered glass | **Body:** Al | **Bracket:** Stainless steel 201 or Al
- **Approvals**: cULus (E469905)

QML LED Work Lights - Water, Vibration and Oil Resistant (Order by Part No.)

Part No.	Mounting Bracket	Power	Luminous Flux (lm)	Weight (g)
LED-QML-150-D	No bracket	15W	850	750
LED-QML-150-K	Bracket tilts 180°	15W	850	930
LED-QML-150-MF	Bracket tilts 180°and rotates 160°	15W	850	980
LED-QML-250-D	No bracket	32.4W	1,900	1,300
LED-QML-250-K	Bracket tilts 180°	32.4W	1,900	1,460
LED-QML-250-MF	Bracket tilts 180°and rotates 160°	32.4W	1,900	1,520

Information subject to change without notice

Dimensions – QML series
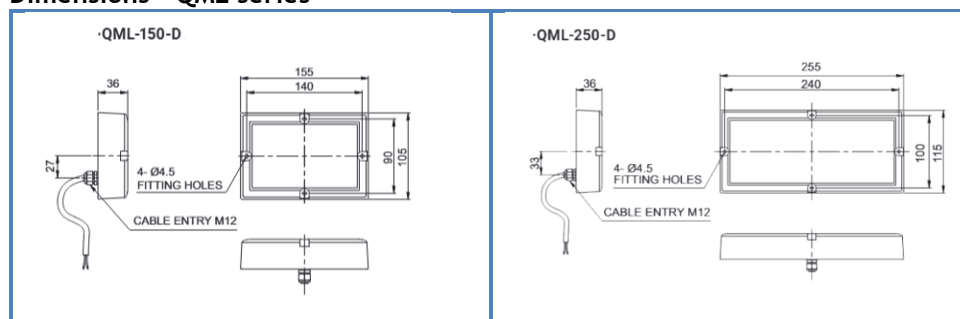
Information subject to change without notice. Please contact ITC for other products' dimension.

ITC ELECTRICAL COMPONENTS

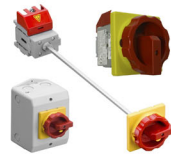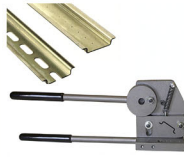|		
DIN Rail	DIN Rail Accessories	Hinged Enclosures
Thermal Management	PANEL Lighting	Multipole Connectors
Compact IP68 Connectors	Terminal Blocks	Terminal Strips
Screwless Parallel Connectors	22.5mm Pushbuttons	LED Indicators
Control Stations	Limit Switches	Micro Limit Switches
Safety Switches	Foot 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

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