

QCML-7C

Waterproof LED Light Bars for
Multi-use with Protection of IP67/ IP69K



Waterproof LED light bar with 7 color configurations

Common Specifications

- Save installation cost and space by utilizing this single LED light bar with 7 configurable colors
- Side cover and lens is integrated together with a multi silicon rubber sealing structure for superior protection from water
- Aesthetically pleasing with slim and compact housing
- Polycarbonate material provides superior heat and shock resistance
- Features great seal and durability in food processing, pharmaceutical, and beverage processing machine that needs high temperature wash down
- Detachable mounting bracket structure enables to adjust mounting hole space freely
- Protection rating : IP67, IP69K
- Certificates : CE Compliant



Optics Specifications

Model	QCML-200-7C	QCML-300-7C	QCML-400-7C	QCML-500-7C	QCML-600-7C	QCML-900-7C	QCML-1200-7C	QCML-1500-7C
Lens color	Translucent							
Light color/ Color temperature	Red	618-635 nm						
	Green	510-530 nm						
	Blue	453-465 nm						
	Amber	563-573 nm						
	Violet	478-488 nm						
	Cian	375-385 nm						
	White	470-480 nm						

Specifications

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Voltage	DC24V							
Range for operation voltage	DC21V-30V							
Current	0.198A	0.235A	0.393A	0.427A	0.474A	0.710A	0.926A	1.160A
Power consumption	4.7W	5.6W	9.4W	10.3W	11.4W	17.0W	22.2W	28.0W
Insulation resistance	Min. 100MΩ(500V DC mega ohm meter)							
Withstanding voltage	DC : 500V AC, 60Hz, 1 minute							
Operating temperature	-30°C to +50°C							
Protection rating	IP67/ IP69K							
Materials	Lens : PC, Side cover : PC, Heat sink : Al, Bracket : PC							
Certificate	CE							
Weight(Approx.)	0.16kg	0.20kg	0.26kg	0.33kg	0.40kg	0.56kg	0.76kg	0.94kg

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Mounting Structure



Example for mounting outside

Example for mounting inside



※ Adopts removable mounting bracket and sliding structure, adjustable mounting distance.

※ mounting bracket is arranged on edge or middle of body, in case of edge of body, mounting bracket space is kept.



Warning/
Signal/
Stackable



Signal &
Electric Horn/
Speakers



Vessels and
Heavy-Duty
Equipment



Explosion
Proof



Warning
Light Bar



Aviation
Obstruction
Lights



Signal Tower
Lights



USB/ETN
Signal Tower
Lights



Wireless
Network
System



Electric Horn/
Speakers



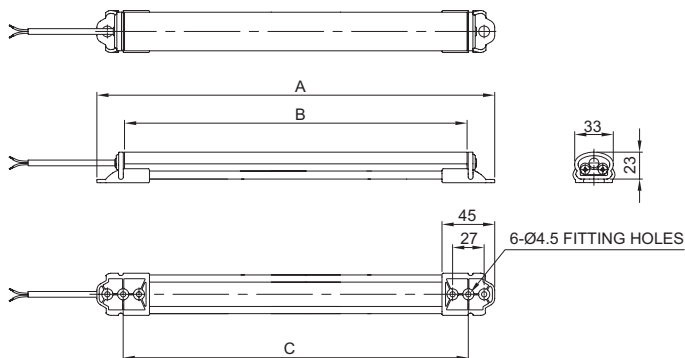
Industrial
LED Lights



Technical Diagram

(Units : mm)

QCML-200/300/400/500/600/900/1200/1500-7C



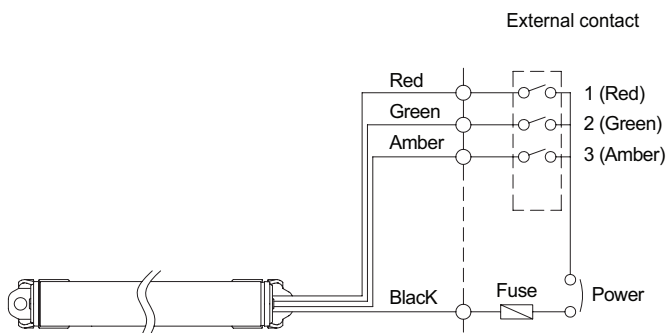
MODEL	A	B	C	D
QCML-200-7C	262	213	45~217	2
QCML-300-7C	362	313	45~317	2
QCML-400-7C	462	413	45~417	2
QCML-500-7C	562	513	45~517	2
QCML-600-7C	662	613	45~617	2
QCML-900-7C	962	913	45~917	3
QCML-1200-7C	1262	1213	45~1217	4
QCML-1500-7C	1562	1513	45~1517	4

※ D : Recommended quantity of mounting brackets

※ External power line - Dura & Flex-F VU(0.3sqx4C) 400mm



Wiring Instructions



Wiring Configuration for Signal Color

No.	Color	Wiring
1	RED	1(RED)
2	GREEN	2(GREEN)
3	BLUE	3(AMBER)
4	AMBER	1(RED)+2(GREEN)
5	PURPLE	1(RED)+3(AMBER)
6	CYAN	2(GREEN)+3(AMBER)
7	WHITE	1(RED)+2(GREEN)+3(AMBER)



Ordering Specification

QCML	300	7C	24
[Model number]	[Product length]	[Light color]	[Voltage]
<ul style="list-style-type: none"> QCML 	<ul style="list-style-type: none"> 200 : 257mm 300 : 357mm 400 : 457mm 500 : 557mm 600 : 657mm 900 : 957mm 1200 : 1,257mm 1500 : 1,557mm 	<ul style="list-style-type: none"> 7C- 7 Color standard 	<ul style="list-style-type: none"> 24-DC24V