



MQVL Series

D95mm Cube LED Signal Light



Ordering Information

MQVL FF - R (V)
 ① ② ③

① Power Supply	00	12~24VDC		
	FF	110~220VAC		
② Lens Color	R	Red	G	Green
	Y	Yellow	B	Blue
	C	Clear		
③ Option	V	240 ±10 times/minute (Emergency signal)		

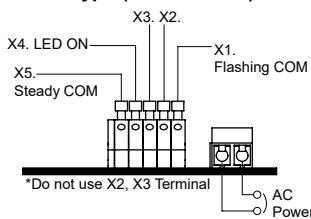
Specifications

Power supply	12 ~ 24VDC, 110 ~ 220VAC (50/60Hz)
Allowable voltage range	10.8V ~ 26.4VDC, 100 ~ 240VAC
Function	Steady, Flashing
Dimension	95 x 95 x 94 (mm)
Flashing rate	Standard - 80±5 per minute Option (V) type - 240±10 times per minute
Mounting method	Body bottom mount base - Screw type (M6, 2EA)
Power cable insertion	Internal bottom of main body - Maximum cable diameter : Ø7mm External locations - Cable gland
Connection	UL1007/AWG22
Color	Red, Yellow, Green, Blue, Clear
Material	Body - PA6 Lens - PC
Insulation resistance	Over 100MΩ (500VDC mega between terminals and case)
Withstand voltage	500VAC 50/60Hz 1 min (between terminals and case before)
Vibration	0.75mm at 10~55Hz (cycle: 1minute)
Temperature	Ambient temperature : -20 ~ 50°C Storage ambient temperature: -20 ~ 70°C
Ambient humidity	45 ~ 85% RH
Protection structure	IP65
Weight	App. 300g (AC type standard)

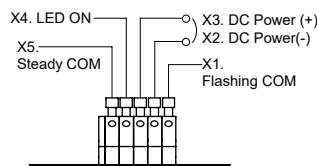
* Life of the LED varies according to operating conditions and environment

Connection Diagram

AC type (110~220VAC)



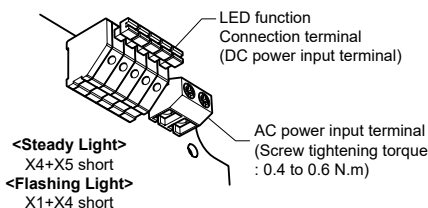
DC type (12~24VDC)



Current consumption

LED color	MQVL Series	
	12~24VDC	110~220VAC
Red	0.21A	0.06A
Yellow	0.21A	0.06A
Green	0.21A	0.06A
Blue	0.28A	0.19A
White	0.21A	0.06A

(RMS value current consumption when LED is on ± 10%)



MQVX Series

D95mm Cube Strobe Light



Ordering Information

MQVX 00 - R
 ① ②

① Power Supply	00	12~48VDC		
	10	110VAC		
	20	220VAC		
② Lens Color	R	Red	G	Green
	Y	Yellow	B	Blue
	C	Clear		

Specifications

Power supply	12 ~ 24VDC, 110 ~ 220VAC (50/60Hz)
Allowable voltage range	10.8V ~ 50VDC, 100~120VAC, 210~230VAC
Current consumption	12~28VDC : 0.2A 110VAC : 0.07A 220VAC : 0.04A
Function	Flashing
Dimension	95 x 95 x 94 (mm)
Flashing rate	12~18VDC : 80±5 times per min ute 110VAC : 77±5 times per minute 220VAC : 60±5 times per minute
Mounting method	Body bottom mount base - Screw type (M6, 2EA)
Power cable insertion	Internal bottom of main body - Maximum cable diameter : Ø7mm External locations - Cable gland
Connection	UL1007/18AWG
Color	Red, Yellow, Green, Blue, Clear
Material	Body - PA6 Lens - PC
Insulation resistance	Over 100MΩ (500VDC mega between terminals and case)
Withstand voltage	500VAC 50/60Hz 1 min (between terminals and case before)
Vibration	0.75mm at 10~55Hz (cycle: 1minute)
Temperature	Ambient temperature : -20 ~ 50°C Storage ambient temperature: -20 ~ 70°C
Ambient humidity	45 ~ 85% RH
Protection structure	IP65
Weight	App. 283g (DC type)

Connection Diagram

