

QFL/ QFLC

Water and Vibration Resistant LED Light Bars with IP67 Protection



Common Specifications(QFL/ QFLC)

- Excellent front and side light distribution with the use of a special light distributing structure on the surface of the oval lens
- An external power supply is not needed for the AC type product; AC voltage can be applied directly to the product
- Excellent heat dissipation by using a heat dissipative material connected to the outer cover
- Water and vibration proof model (IP67), suitable for outdoors and places with dust and moisture
- Can select between QFL model (Anti-glare type) and QFLC model (High luminance type) depending on your work conditions
- Tilt bracket provides wide luminance angle adjustment of 130°
- Superior durability with lens made of polycarbonate
- Can customize the product with the M12 connector if requested
- Certificates: CE Compliant

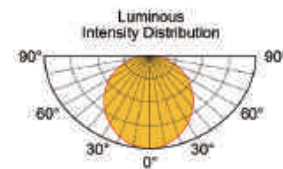


QFL Translucent Lens Type

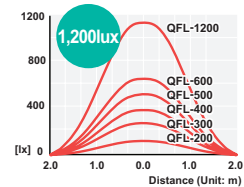


Light Distribution and Illuminance

Light Distribution Curve



Luminance Feature



Cable entry M12 connector attached type



Customized Cable entry M12 connector attached type available.

Specifications on Luminance

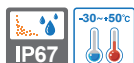
Model	QFL-200	QFL-300	QFL-400	QFL-500	QFL-600	QFL-1200	
Lens color	Translucent	Translucent	Translucent	Translucent	Translucent	Translucent	
Light color	Cooldaylight						
Color temperature	6,000-7,000K						
Luminous flux	DC	395lm	828lm	1,087lm	1,474lm	1,815lm	3,338lm
	AC	-	-	1,172lm	1,602lm	1,862lm	3,545lm
Efficacy (lm/W)	DC	120lux	250lux	375lux	500lux	625lux	1,150lux
	AC	-	-	400lux	545lux	640lux	1,200lux

General Specifications

Model	QFL-200	QFL-300	QFL-400	QFL-500	QFL-600	QFL-1200
Voltage	DC24V					
	AC220V(Except QFL-200/300)					
Range for operation voltage	DC21.5V-26.5V/ AC198V-245V					
Power consumption	4.5W	9W	13W	17W	20W	44W
	-	-	19W	24W	26W	53W
Insulation resistance	Min. 100MΩ(500V DC mega ohm meter)					
Withstanding voltage	DC : 500V AC, 60Hz, 1 minute / AC : 1,500V AC, 60Hz, 1 minute					
Operating temperature	-30°C to +50°C					
Protection rating	IP67					
Materials	Lens : PC, Cover : Al, Heat sink : Al					
Certifications	CE (Except QFL-1200 DC24V)					
Weight(Approx.)	0.40kg	0.49kg	0.58kg	0.73kg	0.82kg	1.28kg
	-	-	0.61kg	0.76kg	0.85kg	1.31kg

QFL/ QFLC

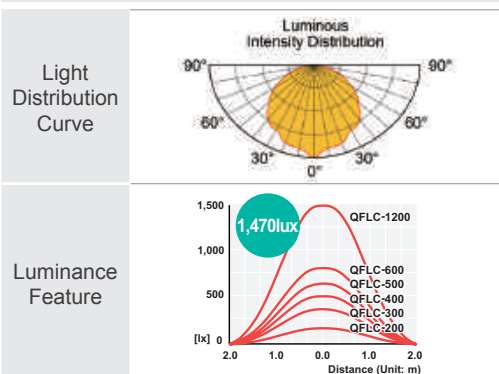
Water and Vibration Resistant LED Light Bars with IP67 Protection



QFLC Transparent Lens



Light Distribution and Illuminance



Specifications on Luminance

Model	QFLC-200	QFLC-300	QFLC-400	QFLC-500	QFLC-600	QFLC-1200
Lens color	Transparent	Transparent	Transparent	Transparent	Transparent	Transparent
Light color	Cooldaylight					
Color temperature	6,000-7,000K					
Luminous flux	DC	462lm	975lm	1,282lm	1,739lm	2,084lm
	AC	-	-	1,384lm	1,893lm	2,198lm
Efficacy (lm/W)	DC	150lux	310lux	460lux	620lux	775lux
	AC	-	-	500lux	670lux	815lux

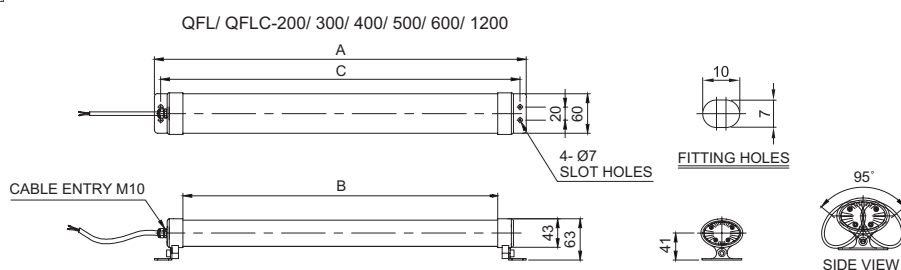
General Specifications

Model	QFLC-200	QFLC-300	QFLC-400	QFLC-500	QFLC-600	QFLC-1200
Voltage	DC24V AC220V(Except QFLC-200/300)					
Range for operation voltage	DC21.5V-26.5V/ AC198V-245V					
Power consumption	4.5W	9.0W	13.0W	17W	20W	40W
	-	-	19W	24W	26W	53W
Insulation resistance	Min. 100MΩ(500V DC mega ohm meter)					
Withstanding voltage	DC : 500V AC, 60Hz, 1 minute / AC : 1,500V AC, 60Hz, 1 minute					
Operating temperature	-30°C to +50°C					
Protection rating	IP67					
Materials	Lens : PC, Side cover : Al, Heat sink : Al					
Certifications	CE (Except QFLC-1200 DC24V)					
Weight(Approx.)	0.47kg	0.57kg	0.67kg	0.77kg	0.86kg	1.32kg
	-	-	0.71kg	0.81kg	0.90kg	1.40kg



Technical Diagram

(Units : mm)



MODEL	A	B	C
QFL/ QFLC-200	240	152	220
QFL/ QFLC-300	340	252	320
QFL/ QFLC-400	440	352	420
QFL/ QFLC-500	540	452	520
QFL/ QFLC-600	640	552	620
QFL/ QFLC-1200	1190	1102	1170

※ External power line - Dura & Flex-F VU(0.5sq) x 2C 450mm



Ordering Specification

QFL	-	600	-	24
[Model number]		[Product length]		[Voltage]
<ul style="list-style-type: none"> • QFL : Translucent lens • QFLC : Transparent lens 		<ul style="list-style-type: none"> • 200 : 240mm • 300 : 340mm • 400 : 440mm • 500 : 540mm • 600 : 640mm • 1200 : 1,190mm 		<ul style="list-style-type: none"> • 24-DC24V • 220-AC220V (Except QFL(C)-200/300)

ООО "РусАвтоматизация"

454010 г. Челябинск, ул. Гагарина 5, оф. 507
 тел. 8-800-775-09-57 (звонок бесплатный), +7(351)799-54-26, тел./факс +7(351)211-64-57
info@rusautomation.ru; rusautomation.ru; www.rusautomation.ru