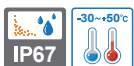


QFL/ QFLC

Water and Vibration Resistant LED Light Bars with IP67 Protection



Common Specifications(QFL/ QFLC)

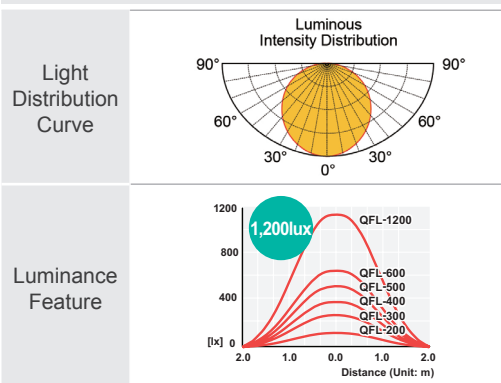
- Excellent front and side light distribution with the use of a special light distributing structure on the surface of the oval lens
- An external power supply is not needed for the AC type product; AC voltage can be applied directly to the product
- Excellent heat dissipation by using a heat dissipative 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
- Standard entry cable included. Can customize the product with the M12 connector if requested
- Certificates: CE Compliant



QFL Translucent Lens Type



Light Distribution and Luminance



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	481lm	940lm	1,172lm	1,602lm	1,862lm	3,545lm
Luminance (at 1m)	DC	120lux	250lux	375lux	500lux	625lux	1,150lux
	AC	150lux	280lux	400lux	545lux	640lux	1,200lux

General Specifications

Model	QFL-200	QFL-300	QFL-400	QFL-500	QFL-600	QFL-1200
Rated voltage	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V
	AC110V / 220V	AC110V / 220V	AC110V / 220V	AC110V / 220V	AC110V / 220V	AC110V / 220V
Range for operation voltage	DC21.5V-26.5V / AC98V-121V / AC198V-245V					
Current	0.180A	0.380A	0.520A	0.690A	0.820A	1.650A
	0.097A / 0.047A	0.220A / 0.107A	0.330A / 0.160A	0.410A / 0.200A	0.450A / 0.220A	0.910A / 0.450A
Power consumption	4.5W	9.5W	12.5W	17W	20W	40W
	5.5W / 5.5W	13W / 13W	20W / 19W	24W / 24W	27W / 26W	53W / 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 : AI, Heat sink : AI					
Certifications	CE					
Weight(approx.)	0.40kg	0.49kg	0.58kg	0.73kg	0.82kg	1.28kg
	0.43kg	0.52kg	0.61kg	0.76kg	0.85kg	1.31kg

QFL/QFLC

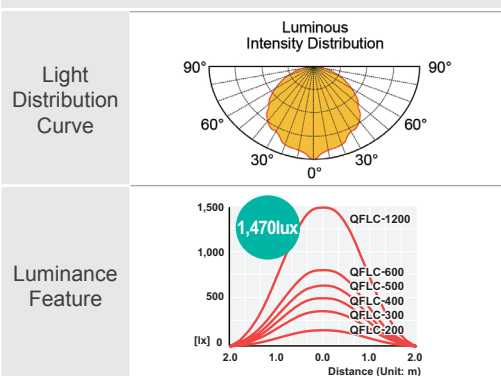
Water and Vibration Resistant LED Light Bars with IP67 Protection



QFLC Transparent Lens



Light Distribution and Luminance



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	3,970lm
	AC	565lm	1,109lm	1,384lm	1,893lm	2,198lm	4,221lm
Luminance (at 1m)	DC	150Lux	310Lux	460Lux	620Lux	775Lux	1,470Lux
	AC	190Lux	350Lux	500Lux	670Lux	815Lux	1,500Lux

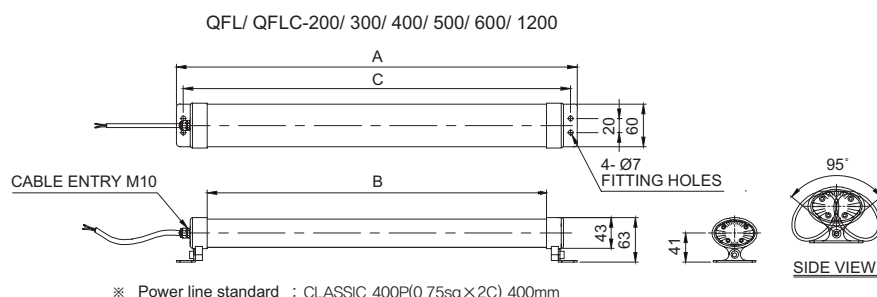
General Specifications

Model	QFLC-200	QFLC-300	QFLC-400	QFLC-500	QFLC-600	QFLC-1200
Rated voltage	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V
	AC110V / 220V	AC110V / 220V	AC110V / 220V	AC110V / 220V	AC110V / 220V	AC110V / 220V
Range for operation voltage	DC21.5V-26.5V / AC98V-121V / AC198V-245V					
Current	0.180A	0.380A	0.520A	0.690A	0.820A	1.650A
	0.097A / 0.047A	0.220A / 0.107A	0.330A / 0.160A	0.410A / 0.200A	0.450A / 0.220A	0.910A / 0.450A
Power consumption	4.5W	9.5W	12.5W	17W	20W	40W
	5.5W / 5.5W	13W / 13W	20W / 19W	24W / 24W	27W / 26W	53W / 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					
Weight(approx.)	0.47kg	0.57kg	0.67kg	0.77kg	0.86kg	1.32kg
	0.50kg	0.61kg	0.71kg	0.81kg	0.90kg	1.40kg



Technical Diagram

(Units : mm)



※ Power line standard : CLASSIC 400P(0.75sq×2C) 400mm

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



Ordering Specification

QFL	600	110
[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 110-AC110V 220-AC220V