

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

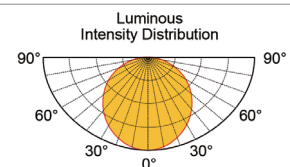


QFL Translucent Lens Type

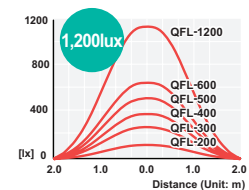


Light Distribution and Illuminance

Light Distribution Curve



Luminance Feature



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
	AC	481lm	940lm	1,172lm	1,602lm	3,545lm
Efficacy (lm/W)	DC	120lux	250lux	375lux	500lux	625lux
	AC	150lux	280lux	400lux	545lux	640lux

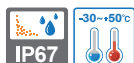
General Specifications

Model	QFL-200	QFL-300	QFL-400	QFL-500	QFL-600	QFL-1200
Voltage	DC24V					
Range for operation voltage	AC110V/ 220V					
Current	DC21.5V-26.5V/ AC198V-245V					
Power consumption	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
Insulation resistance	4.5W	9.5W	12.5W	17W	20W	40W
	5.5W / 5.5W	5.5W / 13W	20W / 19W	24W / 24W	27W / 26W	53W / 53W
Withstanding voltage	Min. 100MΩ(500V DC mega ohm meter)					
Operating temperature	DC : 500V AC, 60Hz, 1 minute / AC : 1,500V AC, 60Hz, 1 minute					
Protection rating	-30°C to +50°C					
Materials	IP67					
Certifications	Lens : PC, Cover : AI, Heat sink : AI					
Weight(Approx.)	CE DC24V Only					
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

Microlectra bv.

Water and Vibration Resistant LED Light Bars with IP67 Protection

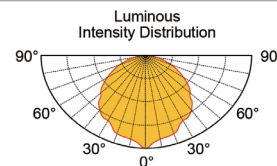


QFLC Transparent Lens

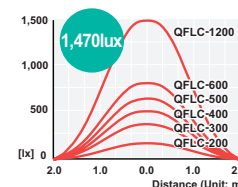


Light Distribution and Illuminance

Light Distribution Curve



Luminance Feature



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	565lm	1,109lm	1,384lm	1,893lm	2,198lm
Efficacy (lm/W)	DC	150Lux	310Lux	460Lux	620Lux	775Lux
	AC	190Lux	350Lux	500Lux	670Lux	815Lux

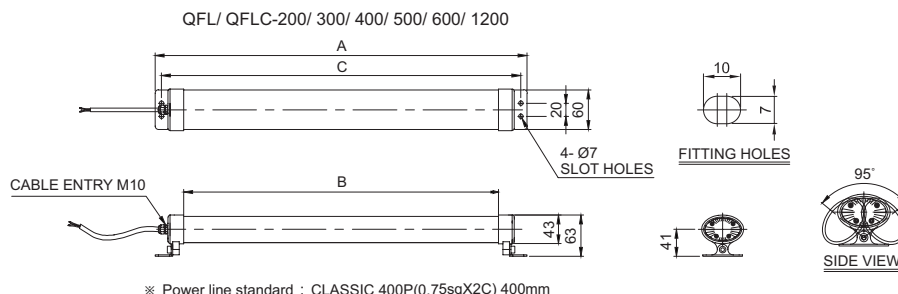
General Specifications

Model	QFLC-200	QFLC-300	QFLC-400	QFLC-500	QFLC-600	QFLC-1200
Voltage	DC24V AC110V/ 220V					
Range for operation voltage	DC21.5V-26.5V/ 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	5.5W / 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 DC24V Only					
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(0.75sqX2C) 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]
- QFL : Translucent lens - QFLC : Transparent lens		200 : 240mm 300 : 340mm 400 : 440mm 500 : 540mm 600 : 640mm 1200 : 1,190mm		24-DC24V 110-AC110V 220-AC220V

Microlectra bv.

Augustapolder 12. 2992 SR Barendrecht. The Netherlands.
www.microlectra.nl info@microlectra.nl

www.microlectra.nl | 429



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Lights



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