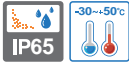


QPL/QPLC/QPHL/QPHLC

Basic Waterproof LED Light Bars



Waterproof LED light bars, suitable for dusty and moisture environments



Common Specifications(QPL/QPLC/QPHL/QPHLC)

- Fully enclosed structure with protection rating of IP65, suitable for environments which have lingering dust or moisture
- Maintains bright intensity illumination from dust resistant lens
- Beautiful appearance with dome type lens
- Slim thickness 24mm adopted AC direct LED control system
- 4 kinds of products length 200/300/400/500mm
- Selectable lens between translucent and transparent based on condition
- Certificates : CE, UL, KC Compliant

QPL Translucent Lens



QPLC Transparent Lens



Optics Specifications

Model	QPL200	QPLC200	QPL300	QPLC300	QPL400	QPLC400	QPL500	QPLC500	
Lens color	Translucent	Transparent	Translucent	Transparent	Translucent	Transparent	Translucent	Transparent	
Light color(Standard)	Cooldaylight								
Color temperature(Standard)	6,000-7,000K								
Luminous flux	DC	168lm	187lm	248lm	309lm	387lm	436lm	515lm	587lm
	AC	-	-	381lm	433lm	527lm	600lm	696lm	792lm
Illumination (at 1m)	DC	50Lux	65Lux	80Lux	100Lux	120Lux	145Lux	160Lux	195Lux
	AC	-	-	120Lux	135Lux	160Lux	200Lux	215Lux	265Lux

Specifications

Model	QPL200/ QPLC200	QPL300/ QPLC300	QPL400/ QPLC400	QPL500/ QPLC500
Rated voltage	DC24V	DC24V	DC24V	DC24V
		AC110V / 220V	AC110V / 220V	AC110V / 220V
Range for operation voltage	DC21.5V-26.5V	DC21.5V-26.5V / AC98V-121V / AC198V-245V		
Current	0.155A	0.155A	0.230A	0.308A
		0.052A / 0.025A	0.070A / 0.034A	0.093A / 0.045A
Power consumption	4W	4W	5.5W	7.5W
		6W / 5.5W	8W / 7.5W	11W / 10W
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			
Waterproof	IP65			
Materials	Lens : PC, Side cover : ABS, Heat sink : Al			
Certificates	CE DC only			
Weight(approx.)	0.13kg	0.15kg	0.21kg	0.24kg
		0.15kg	0.21kg	0.24kg



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



Electric Horn/
Speakers



Industrial
LED Lights

QPL/QPLC/QPHL/QPHLC

Basic Waterproof LED Light Bars



QPHL Translucent Lens



QPHLC Transparent Lens



Optics Specifications

Model	QPHL200	QPHLC200	QPHL300	QPHLC300	QPHL400	QPHLC400	QPHL500	QPHLC500	
Lens color	Translucent	Transparent	Translucent	Transparent	Translucent	Transparent	Translucent	Transparent	
Light color(Standard)	Cool white								
Color temperature(Standard)	6,000-7,000K								
Luminous flux	DC	289lm	344lm	460lm	529lm	668lm	768lm	803lm	907lm
	AC	-	-	505lm	582lm	714lm	814lm	927lm	1,094lm
Illumination (at 1m)	DC	80Lux	100Lux	120Lux	150Lux	190Lux	230Lux	250Lux	310Lux
	AC	-	-	135Lux	170Lux	200Lux	250Lux	290Lux	375Lux

Specifications

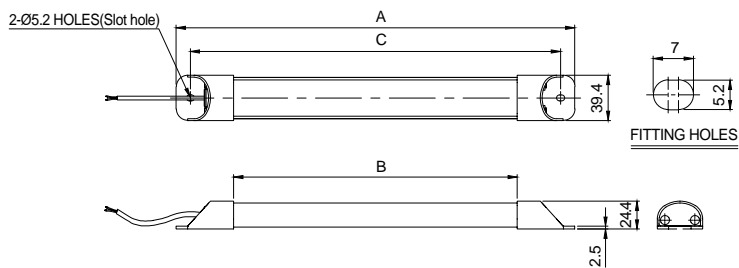
Model	QPHL200/ QPHLC200	QPHL300/ QPHLC300	QPHL400/ QPHLC400	QPHL500/ QPHLC500
Rated voltage	DC24V	DC24V AC110V / 220V	DC24V AC110V / 220V	DC24V AC110V / 220V
Range for operation voltage	DC21.5V-26.5V	DC21.5V-26.5V / AC98V-121V / AC198V-245V		
Current	0.200A	0.210A	0.310A	0.400A
		0.062A / 0.030A	0.076A / 0.037A	0.095A / 0.046A
Power consumption	4.8W	5W	7.5W	9.5W
		7W / 6.5W	8.5W / 8W	11W / 10W
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			
Waterproof	IP65			
Materials	Lens : PC, Side cover : ABS, Heat sink : Al			
Certificates	DC only			
Weight(approx.)	0.13kg	0.22kg	0.31kg	0.41kg
		0.23kg	0.32kg	0.42kg



Technical Diagram

(Units : mm)

QPL/ QPHL 200/ 300/ 400/ 500
QPLC/ QPHLC 200/ 300/ 400/ 500



MODEL	A	B	C
QPL/ QPHL/ QPLC/ QPHLC 200	200	100	175
QPL/ QPHL/ QPLC/ QPHLC 300	300	200	275
QPL/ QPHL/ QPLC/ QPHLC 400	400	300	375
QPL/ QPHL/ QPLC/ QPHLC 500	500	400	475

※ Power line standard : DC TYPE – UL2464 AWG22(0.3sq×2C) 400mm
AC TYPE – VCTFK(0.75sq×2C) 400mm

QPL/QPLC/QPHL/QPHLC

Basic Waterproof LED Light Bars

Light Distribution and Luminance					
Model	Light Distribution Curve	Illumination Feature			
QPL					
QPLC					
QPHL					
QPHLC					



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



Electric Horn/
Speakers



Industrial
LED Lights



Ordering Specification

QPHL	500	-	24
[Model number]	[Product length]		[Voltage]
<ul style="list-style-type: none"> • QPL : Translucent lens • QPLC : Transparent lens • QPHL : High illumination translucent lens • QPHLC : High illumination transparent lens 	<ul style="list-style-type: none"> • 200 : 200mm • 300 : 300mm • 400 : 400mm • 500 : 500mm 		<ul style="list-style-type: none"> • 24-DC24V • 110-AC110V • 220-AC220V