# LED Light Bars for Indoor Use
QGL/ QGLC

-30~+50℃
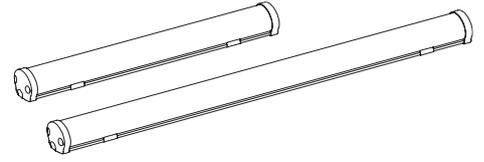
Thank you for purchasing Qlight's products. Please read this user manual carefully prior to installation and operation to ensure safe and correct use.

⚠ Precautions for Safety

Failure to follow the instructions below may cause a loss of life or serious physical injury.

1. During wiring or maintenance, please completely turn off the power of the product. (Failure to follow this may lead to an electric shock.)
2. Do not install the product in locations that subjects it to excessive dust or water other than the conditions designated by the IP protection ratings indicated for each product. (Failure to follow these instructions may cause a fire to the product, electric shock, physical injury, malfunction or damage to the product.)
3. Do not alter or repair this product. If maintenance or repair service is required, please contact your local Qlight contact point. (Failure to follow these instructions may lead to fire, electric shock, or product damage.)
4. Please apply the correct voltage to the product. (Failure to follow these instructions may lead to fire, electric shock, or product damage.)
5. When the product is applied to a condition that may impact lives or property, please make sure to have a double safety device. (Failure to follow this may cause damage to property, fire, electric shock and loss of life.)

⚠ Precautions for Correct Use

Failure to follow the proper instructions may cause damage to property, the product, and or malfunction of the product that would void the warranty.

1. Please remove any objects that can interrupt ventilation around the product.
2. Please turn off the power of the product immediately if it fails to operate properly.
3. Carefully wire the product according to each product's specification.
4. Please be careful in preventing chemicals such as thinner, benzene, etc. in contact with the surface of the product.
5. Do not apply excessive force/impact to the product.
6. Failure to follow any of the instructions above may cause malfunction or damage to the product, fire, and electric shock.

Ordering Specifications

QGL	-	200	-	24
[Model number]		[Product length]		[Voltage]

• QGL - Translucent lens
• QGLC - Transparent lens

• 200 - 200mm
• 300 - 300mm
• 400 - 400mm
• 500 - 500mm

• 24 - DC24V
• 220 - AC220V

Please scan the QR code for more detailed product information.

www.qlight.com

Product Specifications

■Optics Specifications

Model		QGL-200	QGLC-200	QGL-300	QGLC-300	QGL-400	QGLC-400	QGL-500	QGLC-500
Lens color		Translucent	Transparent	Translucent	Transparent	Translucent	Transparent	Translucent	Transparent
Light color (Standard)		Cool daylight							
Color temperature (Standard)		6,000-7,000K							
Luminous flux	DC	260lm	330lm	400lm	500lm	600lm	750lm	800lm	900lm
	AC	-	-	450lm	550lm	700lm	800lm	900lm	1,000lm
Illumination (at 1m)	DC	70Lux	85Lux	140Lux	170Lux	200Lux	250Lux	280Lux	350Lux
	AC	-	-	180Lux	200Lux	250Lux	300Lux	310Lux	400Lux

■General Product Specifications

Model		QGL-200/ QGLC-200	QGL-300/ QGLC-300	QGL-400/ QGLC-400	QGL-500/ QGLC-500
Rated voltage		DC24V	DC24V	DC24V	DC24V
		-	AC220V	AC220V	AC220V
Range for operation voltage		DC21.5V-26.5V / AC98V-121V / AC198V-245V			
Power consumption	DC24V	4W	6W	8W	11W
	AC220V	-	8W	10W	14W
Insulation resistance		Min. 100MΩ(500V DC mega ohm meter)			
Withstanding voltage		DC: 500VAC, 60Hz, 1 minute / AC: 1,500VAC, 60Hz, 1 minute			
Protection rating		Non waterproof			
Operating temperature		-30°C to +50°C			
Materials		Lens : PC, Side cover : ABS, Heat sink : Al, Bracket : STS201			
Certificate		CE			
Weight(approx.)		0.12kg	0.17kg	0.23kg	0.28g

※ CE Certificates: DC24V, AC220V

Dimensions

(Units : mm)

QGL / QGLC-200/300/400/500
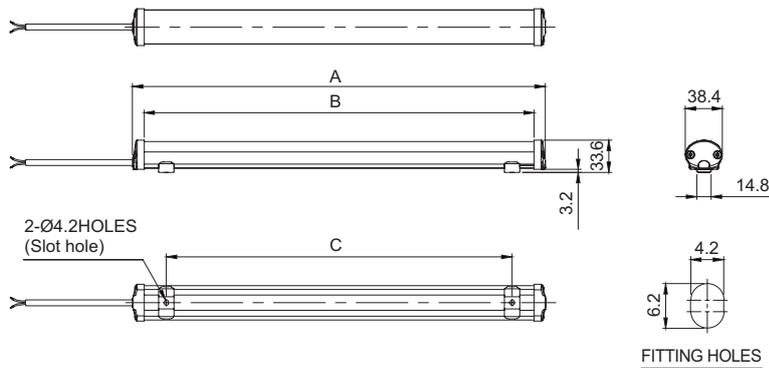
MODEL	A	B	C
QGL/ QGLC-200	200	177	16~130
QGL/ QGLC-300	300	277	16~230
QGL/ QGLC-400	400	377	16~330
QGL/ QGLC-500	500	477	16~430

2-Ø4.2HOLES
(Slot hole)

38.4

33.6

3.2

14.8

4.2

6.2

FITTING HOLES

Wiring Instructions

DC

White
Black
Fuse
Power

AC

Blue
Brown
Fuse
Power
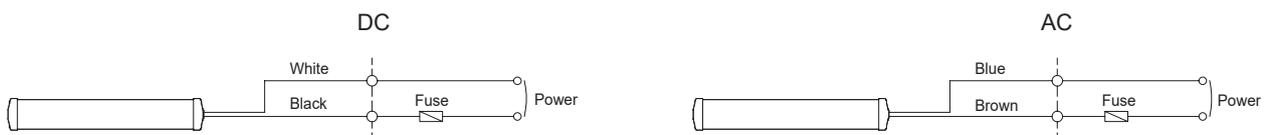
• DC steady type cable specification : External power line - UL2464 AWG22(0.3sq x 2C) 450mm
  AC steady type cable specification : External power line - VCTFK(0.75sq x 2C) 450mm
• This product can be wired regardless of polarity.

Parts Definition/ Bracket Adjustment

■Parts Definition

QGL/ QGLC

Side cover(ABS)   Lens(PC)   Side cover(ABS)

Bracket(STS201)   Bracket(STS201)
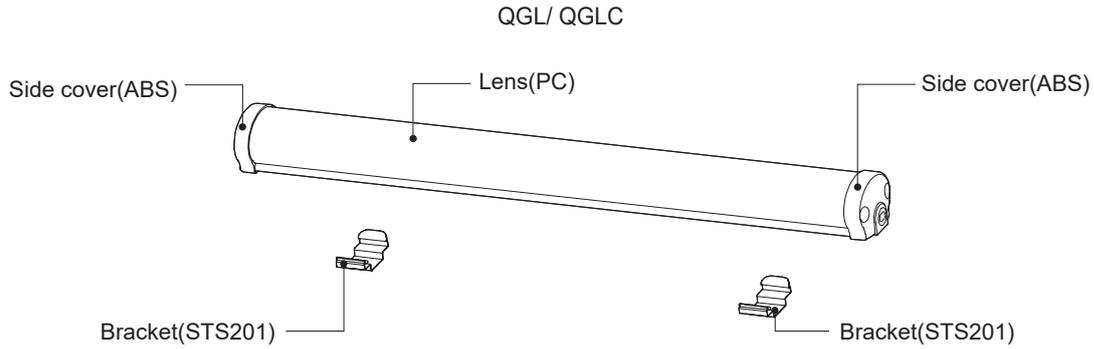
■Bracket Adjustment

• Mounting brackets are removable with special sliding structure that allows easy adjustment of distance between the two mounting brackets.

## Installation/ Mounting Hole Specifications

■Installation
• First, machine taps or holes on the mounting surface ①.
• The mounting hole of this product is 4.2mm in diameter(long hole).
• When machining taps, fasten the bolt through the mounting hole of the product.
• When machining holes, insert the bolt through the hole of the product, and tighten the nut from the opposite side of the mounting surface.
• Install flat washer and spring washer when fastening bolt and nut.
• To secure the product to brackets, place the products to brackets and push it lightly until it makes "clark" sound.
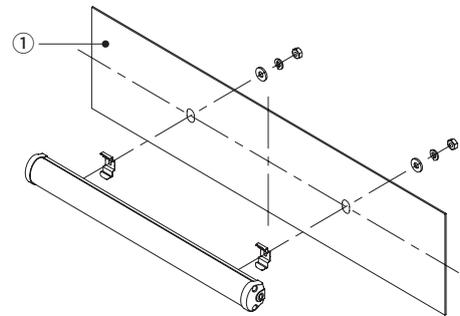
■Mounting Hole Specifications
• Machine holes on the mounting surface referring to the diagram below.

MODEL	A
QGL/ QGLC-200	16~130
QGL/ QGLC-300	16~230
QGL/ QGLC-400	16~330
QGL/ QGLC-500	16~430

2-Ø5 HOLES
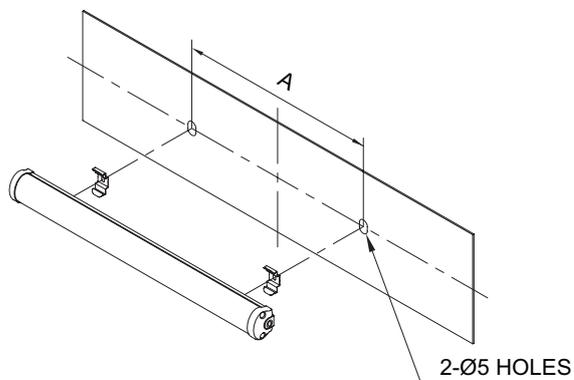
Installation Environment and Protection Rating

• This product is non waterproof.
• This product is designed for only indoor use.
• If the product is installed in locations that subject it to excessive dust or water other than the designated IP protection rating indicated, it may cause malfunction or damage to the product.
• For further information, please visit our website (www.qlight.com).

EN - QGL- 2403A