

# QGL / QGLC

General lights for built-in AC power converter in compact structure

## PRODUCT SPECIFICATION

QGL | QGLC

**Materials** Lens-PC, Side cover-ABS, Heatsink-Al, Bracket-STS201

**Ambient operating temperature** -30°C to +50°C

**Certificates** CE


**QGL Translucent lens**  
**QGLC Transparent lens**

- Using aluminum base that protects against heat and stable illumination
- Suitable alternative to fluorescent lighting for situations that require a compact structure with high illumination
- LED direct AC connect system, no need other power device
- 4 kinds of products length 200/300/400/500mm
- Lens options available based on use case- Transparent lens(QGLC) or translucent lens(QGL)
- Removable mount bracket where mounting distance can be adjusted
- Standard entry cable included. Can customize the product with the M12 connector if requested(Female M12 connector is not provided)

### QGL / QGLC LED Light Bars for Indoor

Optics Specifications									
Model number	QGL-200	QGLC-200	QGL-300	QGLC-300	QGL-400	QGLC-400	QGL-500	QGLC-500	
Directions	Translucent	Transparent	Translucent	Transparent	Translucent	Transparent	Translucent	Transparent	
Light color	Cooldaylight								
Color temperature	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

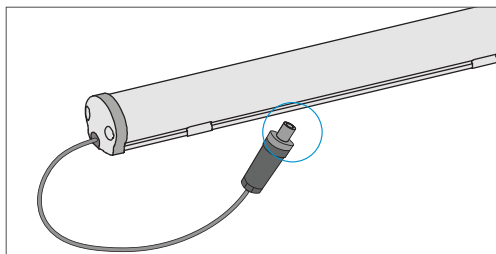
  

Specifications				
Model number	QGL-200 / QGLC-200	QGL-300 / QGLC-300	QGL-400 / QGLC-400	QGL-500 / QGLC-500
Voltage	DC24V	DC24V	DC24V	DC24V
	-	AC220V	AC220V	AC220V
Range for operation voltage	DC21.5V-26.5V/AC98V-121V/AC198V-245V			
Power	DC24V	4W	6W	8W
consumption	AC220V	-	8W	10W
Insulation resistance	Mim. 100MQ(500V DC mega ohm meter)			
Withstanding voltage	DC: 500VAC, 60Hz, 1 minute/AC: 1,500VAC, 60Hz, 1 minute			
Operating temperature	-30°C to +50°C			
Protection rating	Non-Waterproof			
Materials	Lens-PC, Side cover-ABS, Heatsink-Al, Bracket-STS201			
Certification	CE			
Weight(Approx.)	0.12kg	0.17kg	0.23kg	0.28kg

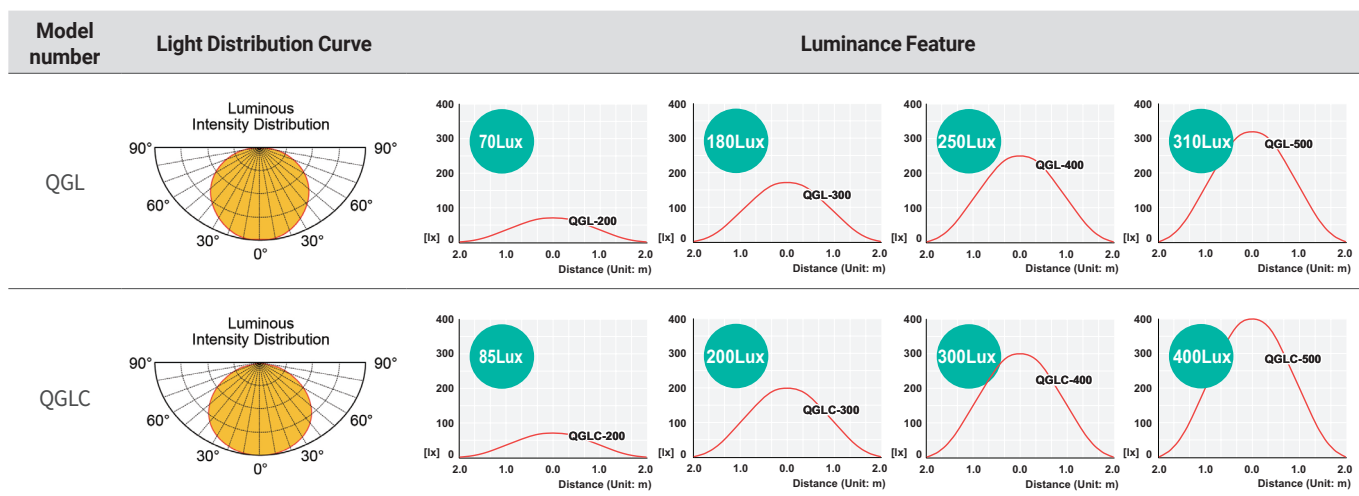
※ CE compliant: DC24V, AC220V

### M12 connector equipped (Customization)

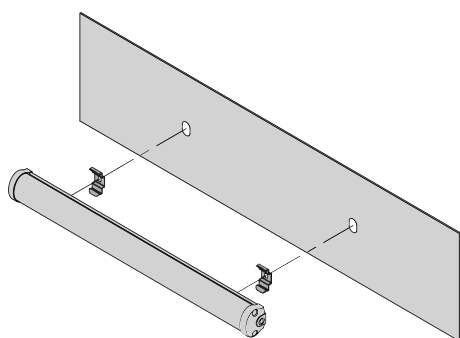
- Customized Cable end M12 connector attached type available.



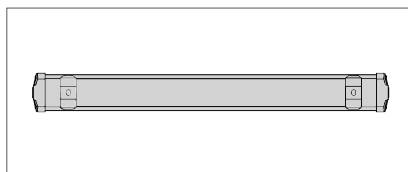
## Light Distribution and Illuminance



## Mounting Structure



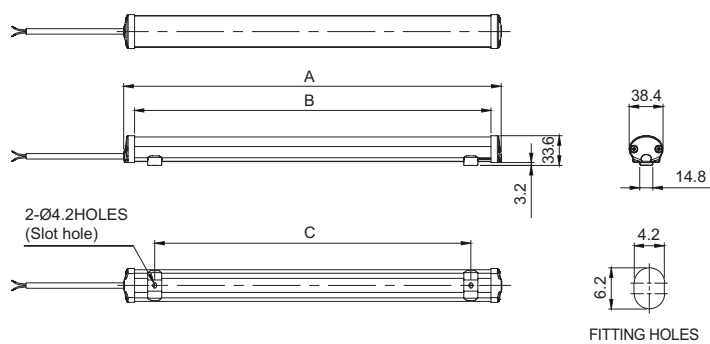
- Adopts removable mounting bracket and sliding structure, adjustable mounting distance.
- Standard bracket: STS201 (2pcs included)



## Technical Diagram

· QGL / QGLC-200/300/400/500

Units: mm



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

- External power line DC TYPE - UL2464 AWG22(0.3sq x 2C) 450mm
- AC TYPE - VCTFK(0.75sq x 2C) 450mm

## Ordering Specification

QGL	-	300	-	220
[Model number]		[Product length]		[Voltage]
QGL-Translucent lens		200-200mm		24-DC24V
QGLC-Transparent lens		300-300mm		220-AC220V
		400-400mm		
		500-500mm		