



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



#### Common Specifications(QGL/ QGLC)

- 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
- Certificates : CE Compliant

#### QGL Translucent Lens



#### QGLC Transparent Lens



#### 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)       |    | Cooldaylight |             |             |             |             |             |             |             |
| Color temperature(Standard) |    | 6,000-7,000K |             |             |             |             |             |             |             |
| Luminous flux               | DC | 265lm        | 332lm       | 397lm       | 498lm       | 595lm       | 748lm       | 872lm       | 997lm       |
|                             | AC | 316lm        | 358lm       | 530lm       | 602lm       | 720lm       | 818lm       | 952lm       | 1,080lm     |
| Illumination<br>(at 1m)     | DC | 70Lux        | 85Lux       | 140Lux      | 170Lux      | 210Lux      | 255Lux      | 280Lux      | 340Lux      |
|                             | AC | 85Lux        | 90Lux       | 185Lux      | 205Lux      | 255Lux      | 280Lux      | 310Lux      | 370Lux      |

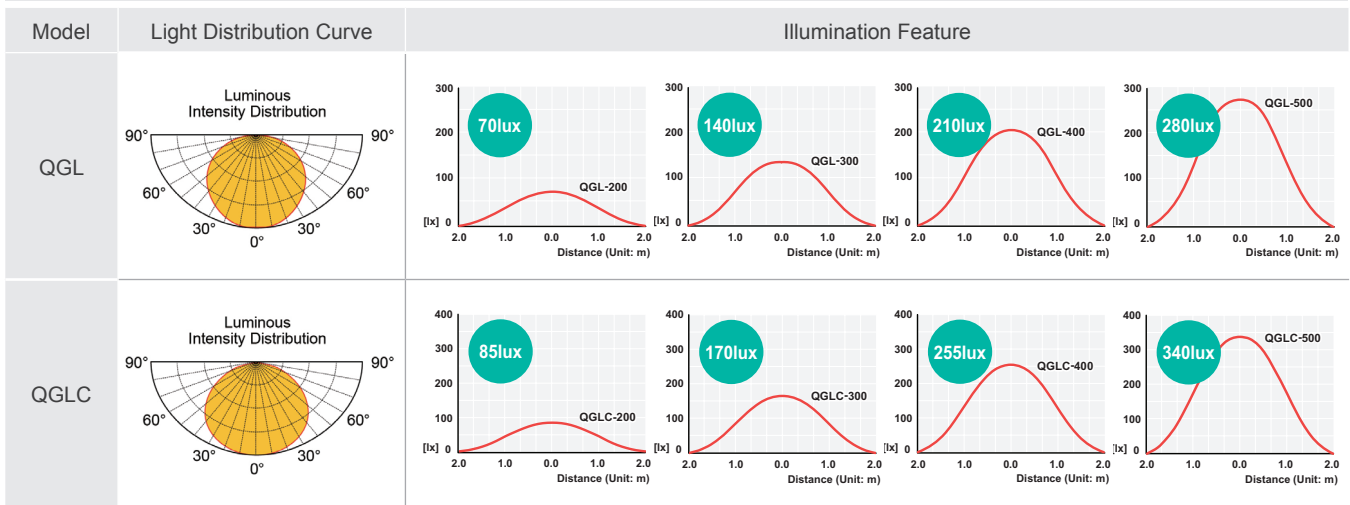
#### Specifications

|                             |                                                               |                  |                  |                  |
|-----------------------------|---------------------------------------------------------------|------------------|------------------|------------------|
| Model                       | QGL-200/QGLC-200                                              | QGL-300/QGLC-300 | QGL-400/QGLC-400 | QGL-500/QGLC-500 |
| Rated voltage               | DC24V                                                         | DC24V            | DC24V            | DC24V            |
|                             | AC110V / AC220V                                               | AC110V / AC220V  | AC110V / AC220V  | AC110V / AC220V  |
| Range for operation voltage | DC21.5V-26.5V / AC98V-121V / AC198V-245V                      |                  |                  |                  |
| Current                     | 0.125A                                                        | 0.210A           | 0.310A           | 0.430A           |
|                             | 0.035A / 0.016A                                               | 0.062A / 0.030A  | 0.083A / 0.040A  | 0.110A / 0.053A  |
| Power consumption           | 3W                                                            | 5W               | 7.5W             | 10.5W            |
|                             | 4W / 3.5W                                                     | 7W / 6.5W        | 9W / 9W          | 12W / 11.5W      |
| 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                  | Non water-proof                                               |                  |                  |                  |
| Materials                   | Lens : PC, Side cover : ABS, Heat sink : Al, Bracket : STS201 |                  |                  |                  |
| Certificate                 | CE                                                            |                  |                  |                  |
| Weight(approx.)             | 0.12kg                                                        | 0.17kg           | 0.23kg           | 0.28kg           |
|                             | 0.12kg                                                        | 0.17kg           | 0.23kg           | 0.28kg           |

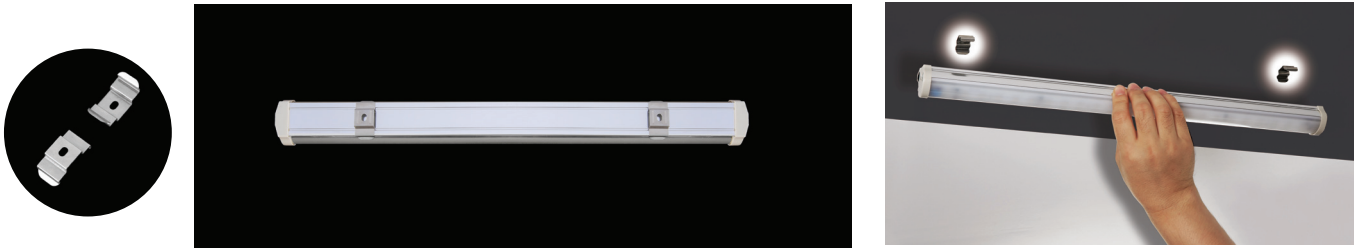
# QGL/QGLC

## LED Light Bars for Indoor

### Light Distribution and Luminance



### Mounting Bracket

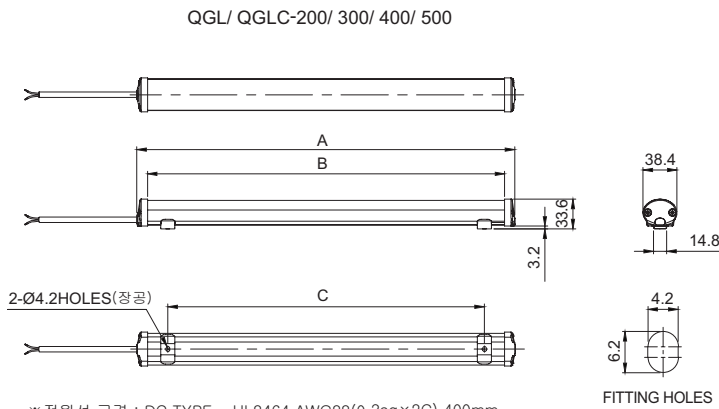


※ Adopts removable mounting bracket and sliding structure, adjustable mounting distance.

※ Standard bracket : STS201(2pcs included)

### Technical Diagram

(Units : mm)



※ 전원선 규격 : DC TYPE - UL2464 AWG22(0.3sq×2C) 400mm  
AC TYPE - VCTFK(0.75sq×2C) 400mm

| 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 |

### Ordering Specification

| QGL                                                                                                       | 300                                                                                                                          | 220                                                                                                |
|-----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| [Model number]                                                                                            | [Product length]                                                                                                             | [Voltage]                                                                                          |
| <ul style="list-style-type: none"> <li>QGL : Translucent lens</li> <li>QGLC : Transparent lens</li> </ul> | <ul style="list-style-type: none"> <li>200 : 200mm</li> <li>300 : 300mm</li> <li>400 : 400mm</li> <li>500 : 500mm</li> </ul> | <ul style="list-style-type: none"> <li>24-DC24V</li> <li>110-AC110V</li> <li>220-AC220V</li> </ul> |