

QEL/ QELT/ QELS/ QELTS

LED Light Bars for Distribution Panel



Common Specifications(QEL/ QELT/ QELS/ QELTS)

- Wide direct light distribution for high illumination in the distribution panel
- Options for operation are power line threading type, terminal box equipped type, on-off switch equipped type
- LED direct AC connect system, no need other power device
- Adopts constant current circuit for stable illumination in unstable power
- 4 kinds of products length 200/300/400/500mm for each condition
- Removable mount bracket that adjust mount distance
- Certificates : CE, KC Compliant



QEL External Power Line



QELT Terminal Box Equipped



QELS External Power Line, Switch Equipped



QELTS Terminal Box Equipped, Switch Equipped



Optics Specifications

Model	QEL-200/ QELT-200 QELS-200/ QELTS-200	QEL-300/ QELT-300 QELS-300/ QELTS-300	QEL-400/ QELT-400 QELS-400/ QELTS-400	QEL-500/ QELT-500 QELS-500/ QELTS-500
Lens color	Translucent			
Light color(Standard)	Cooldaylight			
Color temperature(Standard)	6,000-7,000K			
Luminous flux	DC	254lm	383lm	509lm
	AC	268lm	384lm	479lm
Illumination (at 1m)	DC	80Lux	120Lux	160Lux
	AC	85Lux	120Lux	150Lux

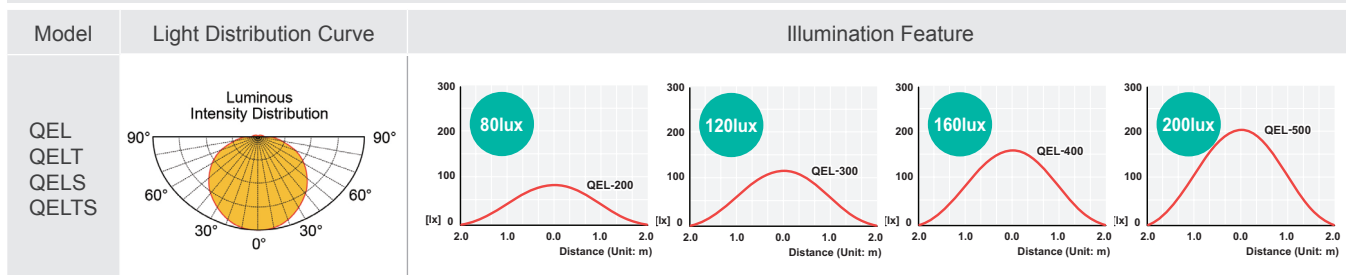
Specifications

Model	QEL-200/ QELT-200 QELS-200/ QELTS-200	QEL-300/ QELT-300 QELS-300/ QELTS-300	QEL-400/ QELT-400 QELS-400/ QELTS-400	QEL-500/ QELT-500 QELS-500/ QELTS-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	0.145A	0.215A	0.285A	0.358A
	0.196A / 0.095A	0.202A / 0.098A	0.206A / 0.100A	0.216A / 0.105A
Power consumption	3.5W	5W	7W	8.5W
	4W / 3.5W	5.5W / 5.5W	7W / 7W	8.5W / 8W
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, Bracket : STS201			
Certificate				
Weight(approx.)	0.08kg	0.10kg	0.13kg	0.15kg
	0.10kg	0.12kg	0.15kg	0.17kg

QEL/ QELT/ QELS/ QELTS

LED Light Bars for Distribution Panel

Light Distribution and Luminance



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



Wireless
Network
System



Electric Horn/
Speakers



Industrial
LED Lights

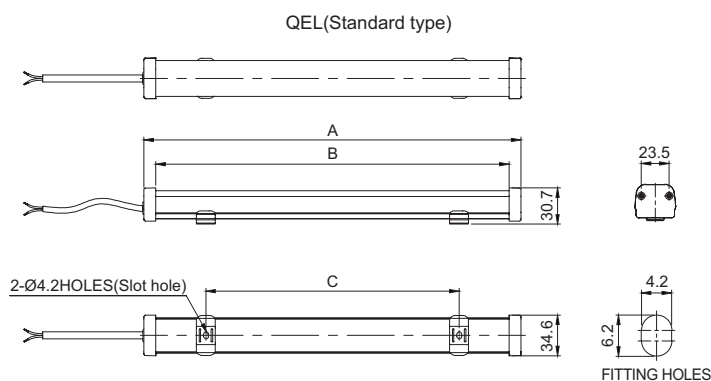
Mounting Bracket



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

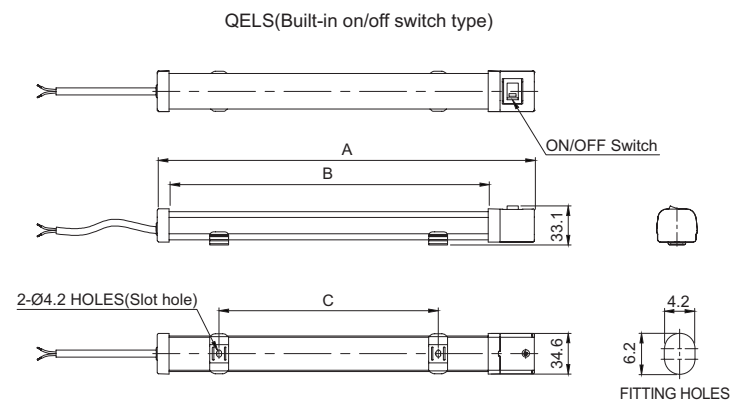
Technical Diagram

(Units : mm)



MODEL	A	B	C
QEL-200	220	200	16~170
QEL-300	320	300	16~270
QEL-400	420	400	16~370
QEL-500	520	500	16~470

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



MODEL	A	B	C
QELS-200	249	200	16~170
QELS-300	349	300	16~270
QELS-400	449	400	16~370
QELS-500	549	500	16~470

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

QEL/ QELT/ QELS/ QELTS

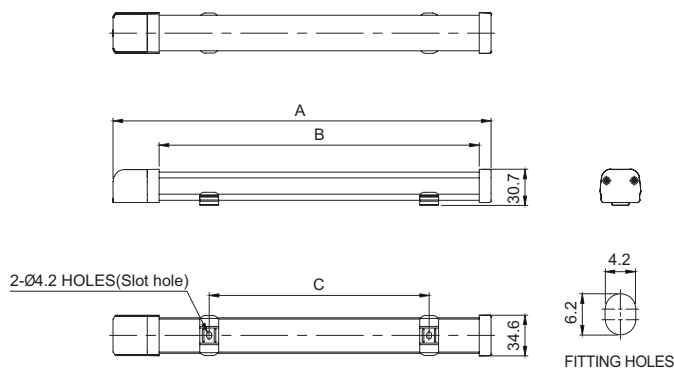
LED Light Bars for Distribution Panel



Technical Diagram

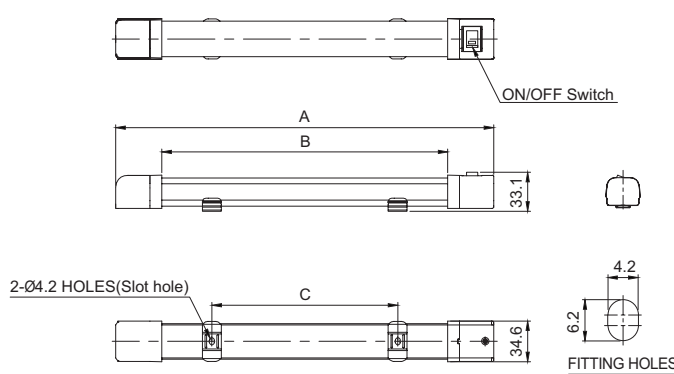
(Units : mm)

QELT(Built-in terminal type)



MODEL	A	B	C
QELT-200	249	200	16~170
QELT-300	349	300	16~270
QELT-400	449	400	16~370
QELT-500	549	500	16~470

QELTS(Built-in on/off switch and terminal type)



MODEL	A	B	C
QELTS-200	278	200	16~170
QELTS-300	378	300	16~270
QELTS-400	478	400	16~370
QELTS-500	578	500	16~470



Ordering Specification

QEL

[Model number]

- QEL : External power line
- QELT : Terminal box equipped
- QELS : External power line, Switch equipped
- QELTS : Terminal box, Switch equipped

300

[Product length]

- 200 : 200mm
- 300 : 300mm
- 400 : 400mm
- 500 : 500mm

220

[Voltage]

- 24-DC24V
- 110-AC110V
- 220-AC220V