Incandescent Square Lights
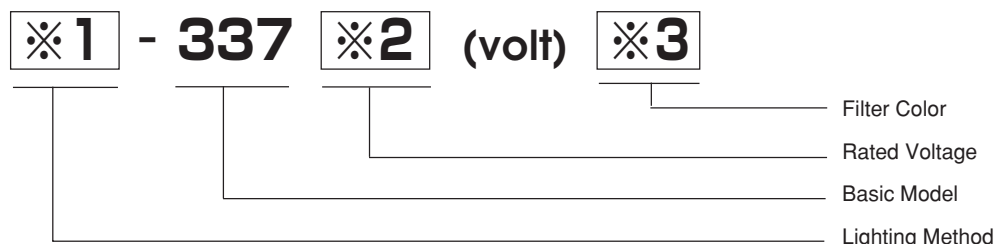
KP/KT/KR-337

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KP-337　　　　　　KT-337　　　　　　KR-337

■ Features

- Lamps and lenses can be easily replaced from the front surface.
- Full voltage, transformer, and resistor types are available.
- Built-in transformers and resistors can be easily replaced after being mounted on the panel.

■ Model Designation

| ※1 | - 337 | ※2 | (volt) | ※3 |

Filter Color

Rated Voltage

Basic Model

Lighting Method

Note: The bezel color is black.

※1		※2
Code	Lighting Method	Rated Voltage
KP	Full Voltage	18V, 24V, 28V, 48V
KT	Transformer	100V, 110V, 200V, 220V
KR	Resistor	100V, 110V

※3	
Code	Filter Color
W	Milky white
R	Red
G	Green
O	Orange

■ Specifications

Item ＼ Model	KP-337	KT-337	KR-337
Rated Voltage	48V AC/DC, or less	100V, 110V, 200V, 220V AC	100V, 110V AC/DC
Lamp Voltage	18V, 24V, 28V, 48V	18V	
Applicable bulbs	T-14, 34L, 2W or less, E-12 base	T-14, 34L, 18V, 2W, E-12 base	

Item ＼ Model	KP-337	KT-337	KR-337
Insulation Resistance	100MΩ or more between live parts and ground measured by 500V DC megohmmeter		
Withstand Voltage	2000V AC for 1 minute between live parts and ground		
Heat Resistance	For 2 hours at –25 ±3°C and 2 hours at 55 ±3°C		
Humidity Resistance	For 96 hours at 40 ±2°C and 95% RH		
Vibration Resistance	3-dimensional vibration for 1 hour with a sweep time of 1 minute (amplitude: 0.4mm, frequency: 50Hz, and acceleration: 2G)		
Shock Resistance	3-dimensional shock of 500m/s^2 to 6 surfaces, 5 times		
Operating Environment	Temperature: –10 ~ 40°C/Humidity: 45 ~ 85% RH (No freezing or condensation)		
Lighting Color	Milky white, red, green, orange		
Panel Thickness	1~10mm		
Wiring	M3.5×8 screws (torque:1.0 ~ 1.3N·m)	M3×6 screws (torque: 0.6 ~ 0.9N·m)	
Weight	42g	114g	88g

■ Materials

Lens	Polycarbonate resin	(transparent)	UL94HB
Legend Plate	Acrylic board	(milky white)	1.0mm thick
Filter	Acrylic board	(transparent, red, green, orange, yellow)	1.0mm thick
Case	Polycarbonate	(black)	UL94HB
Terminal screws	Carbon steel	(zinc plated with chrome treatment)	M3.5×8 or M3×6

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■ Dimensions

KR

KT

KP

Mounting nut

1 ~10
Panel thickness

M3×6

M3×8   M3.5×8

4   41.5   12

(92)

(155)

35   40

35
40
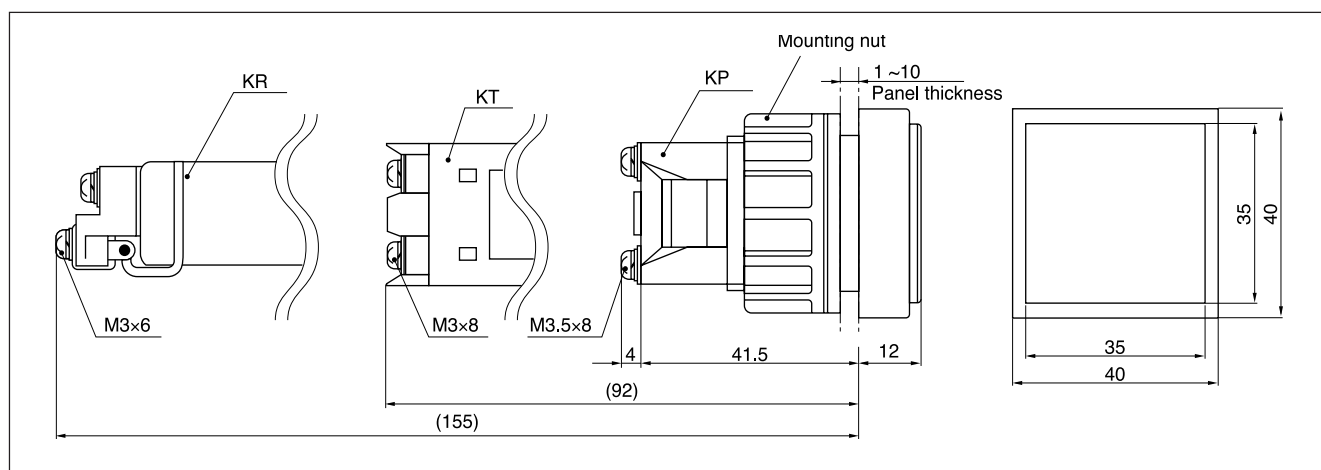
■ Panel Cut · Minimum Pitch (unit: mm)

φ30.5

40

40
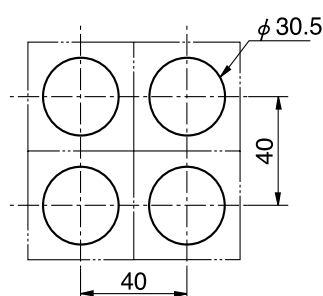
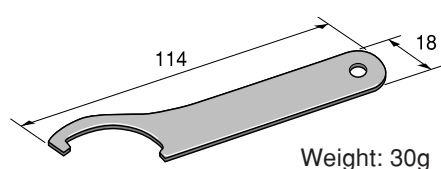## ■ Legend Plate · Color Filter (unit: mm)

31.8

31.8
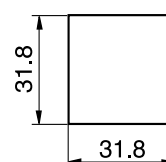
Engraving space   : 31.8 × 31.8mm
Legend plate thickness : 1mm
Filter thickness   : 1mm

■ Mounting

Remove the mounting nut from the right and insert from the front surface of the panel. From the back, use the KX-2 or KX-3 mounting tool to fasten the nut. Recommended torque is 2.5 ~ 3N·m.
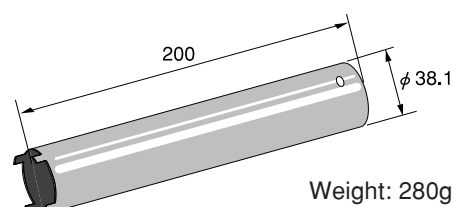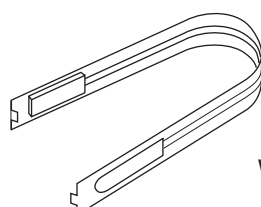
Tools

▼ KX-2 (Mounting tool for KP/KT/KR-337)

114   18

Weight: 30g

▼ KX-3 (Mounting tool for KP/KT/KR-337)

200   φ38.1

Weight: 280g

▼ KX-1 (Removing tool for light cover)

Weight: 8.5g

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