



SKHE / SKHEB

Super-bright LED Revolving Warning Light



LED



90dB at 1m (SKHEB)

IP23

Ø118

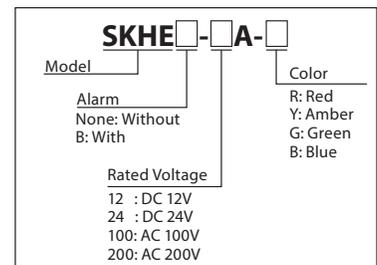


Compact LED revolving warning light featuring one super-bright LED chip and an enhanced high dispersion reflection system.

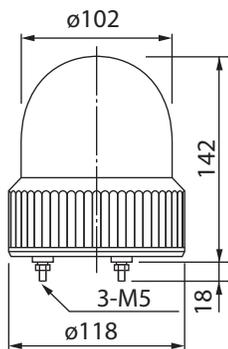
FEATURES

- SKHEB series includes an internal alarm (hi-pitched tone) of 90dB (at 1m) that is synchronized with the light operation.
- Indoors allows upright, inverted, and horizontal installation; outdoors allows upright installation only.
- Has the CE mark and conforms to the requirements (for 12V, 24V type only) for the EC directive.
- Compact motor with high durability and energy-efficient characteristics.
- Energy-efficient by using only 1 LED chip which is super-bright.
- Dome lens is made of impact and heat resistant polycarbonate resin.
- Colors available are Red, Amber, Green, and Blue.

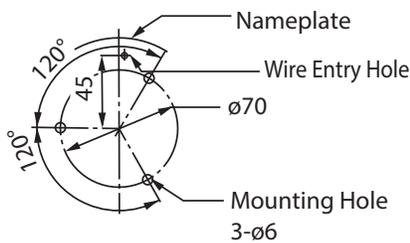
How to Order



Dimensions



Mounting Dimensions



(Unit: mm)

Specifications

Model	Rated Voltage	Current Consumption	Flash Rate (fpm)	Mass
SKHE/SKHEB-12	DC 12V	0.25A	120	400g
SKHE/SKHEB-24	DC 24V	0.16A		600g
SKHE/SKHEB-100	AC 100V	0.04A		
SKHE/SKHEB-200	AC 200V	0.02A		

Newly developed reflector for LED revolving warning light



The PATLITE LED revolving warning light uses a unique and patented reflecting system, solely designed for these models. Even though the dispersion characteristics of the LED chip is less than an incandescent bulb, PATLITE's unique design creates an equivalent dispersion effect with the light reflector.



The uniquely designed reflectors not only reflect upward and to the side, but also downward; this cannot be achieved by incandescent bulb type revolving warning lights. The PATLITE LED revolving warning light is suitable for applications where high visibility from a low angle is required.

RLE

Revolving Warning Light



Optional Rubber Gasket SZ-210



LED

IP65 (with SZ-200A)

Ø82

LED Signal Light featuring energy-saving and enhanced illumination with an LED integrated reflection system.

FEATURES

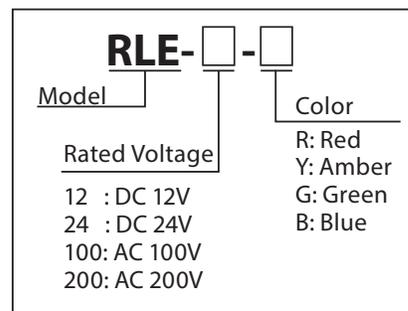
- Indoors allows upright, inverted, and horizontal installation; outdoors allows upright installation only.
- Dome lens is made of superior impact and heat resistant polycarbonate resin.
- Compact motor with high durability and energy-efficient characteristics.
- LED integrated reflection system for enhanced illumination.
- Energy-efficient and maintenance-free LED array
- Main body is made of impact and heat resistant ABS resin.
- Colors available are Red, Amber, and Green.

Specifications

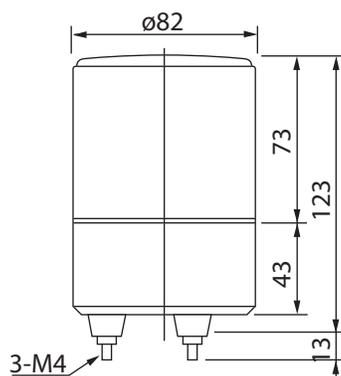
Model	Rated Voltage	Power Consumption	Flash Rate (fpm)	Mass
⊙ RLE-12	DC 12V	1.7W	120	400g
RLE-24	DC 24V	3.9W		600g
RLE-100	AC 100V	2W	120	600g
RLE-220	AC 220V			

⊙ Available by Special Order

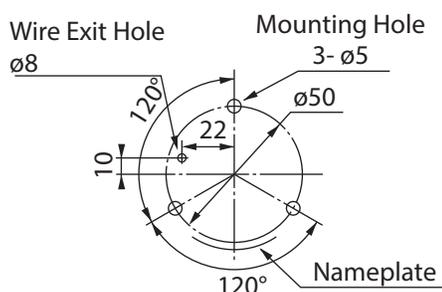
How to Order



Dimensions



Mounting Dimensions



(Unit: mm)

RKE/RKEB/RHE/RHEB



Super-bright LED Revolving Warning Light



- LED
- IP55 (with SZ-200A)
- Ø100



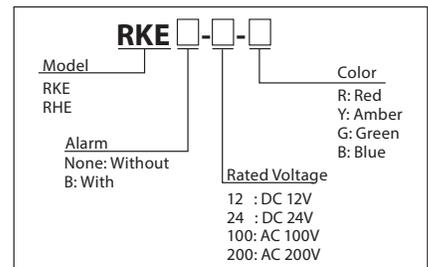
Optional Rubber Gasket SZ-200A

Compact LED revolving warning light featuring one super-bright LED chip and an enhanced high dispersion reflection system.

FEATURES

- RHEB/RKEB includes an internal alarm (hi-pitched tone) of 90dB (at 1m) that is synchronized with the light operation.
- Has the CE mark and conforms to the requirements (for 12V, 24V type only) for the EC directive.
- Compact motor with high durability and energy-efficient characteristics.
- Dome lens is made of impact and heat resistant polycarbonate resin.
- Energy-efficient by using only 1 LED chip which is super-bright.
- Main body is made of impact and heat resistant ABS resin.
- Colors available are Red, Amber, Green, and Blue.
- Uses a terminal block for easy wiring.

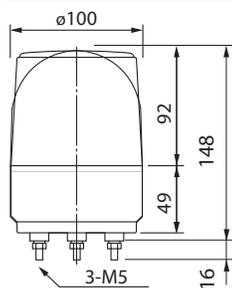
How to Order



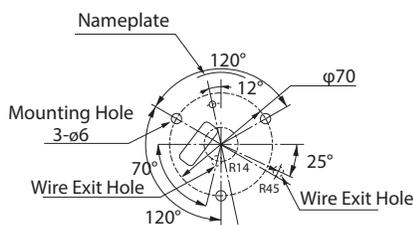
Specifications

Model	Rated Voltage	Current Consumption	Flash Rate	Mass
RKE/RKEB-12	DC 12V	0.25A	120 fpm	400g
RKE/RKEB-24	DC 24V	0.16A		600g
RKE/RKEB-100	AC 100V	0.04A		400g
RKE/RKEB-200	AC 200V	0.02A		600g
RHE/RHEB-12	DC 12V	0.25A		400g
RHE/RHEB-24	DC 24V	0.16A		600g
RHE/RHEB-100	AC 100V	0.04A		
RHE/RHEB-200	AC 200V	0.02A		

Dimensions



Mounting Dimensions

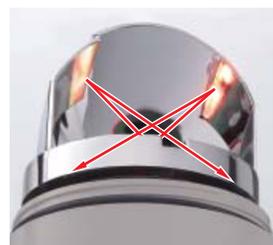


(Unit: mm)

Newly developed reflector for LED revolving warning light



The PATLITE LED revolving warning light uses a unique and patented reflecting system, solely designed for these models. Even though the dispersion characteristics of the LED chip is less than an incandescent bulb, PATLITE's unique design creates an equivalent dispersion effect with the light reflector.



The uniquely designed reflectors not only reflect upward and to the side, but also downward; this cannot be achieved by incandescent bulb type revolving warning lights. The PATLITE LED revolving warning light is suitable for applications where high visibility from a low angle is required.

RKEM/ RHEM

Super-bright LED Revolving Warning Light



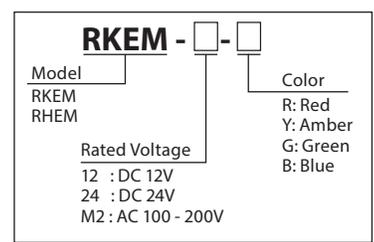
- LED
- IP55 (with SZ-200A)
- $\Phi 100$
- Brushless Motor

Compact LED revolving warning light featuring one super-bright LED chip with an enhanced dispersion reflection system and brushless motor.

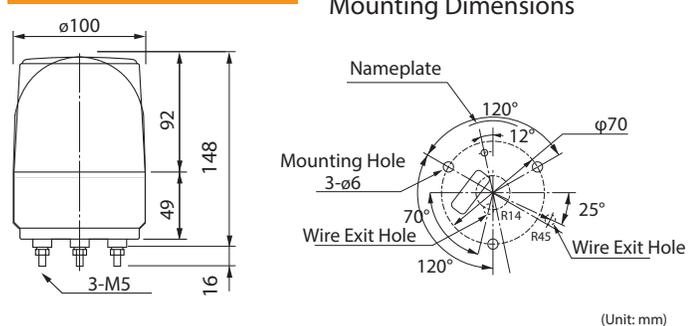
FEATURES

- Has the CE mark and conforms to the requirements (for 12V, 24V type only) for the EC directive.
- Brushless compact motor with high durability and long-lasting characteristics.
- Dome lens is made of impact and heat resistant polycarbonate resin.
- Energy-efficient by using only 1 LED chip which is super-bright.
- Main body is made of impact and heat resistant ABS resin.
- Colors available are Red, Amber, Green, and Blue.
- Uses a terminal block for easy wiring.

How to Order



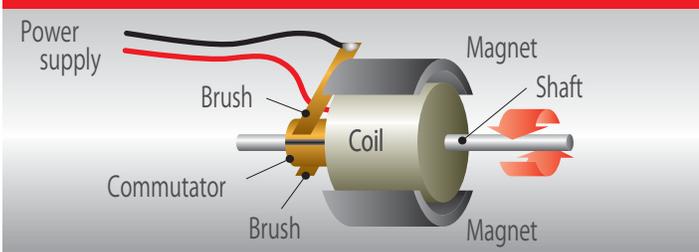
Dimensions



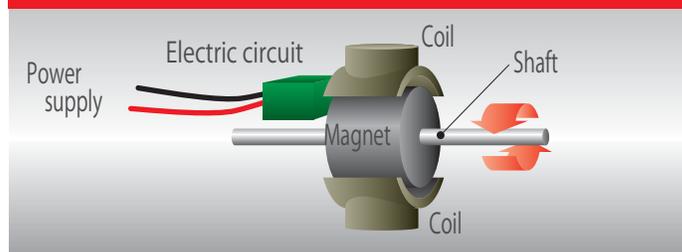
Specifications

Model	Rated Voltage	Current Consumption	Flash Rate	Mass
RKEM-12	DC 12V	0.20A	120 fpm	400g
RKEM-24	DC 24V	0.14A		
RKEM-M2	AC 100-200V	0.20A-0.06A		
RHEM-12	DC 12V	0.20A		
RHEM-24	DC 24V	0.14A		
RHEM-M2	AC 100-200V	0.20A-0.06A		

Conventional Motor Construction



Brushless Motor Construction



RU/ RUP/ RS

Revolving Warning Light



- Bulb**
- IP55** (with SZ-210)
- Ø82**

Optional Rubber Gasket SZ-210

Compact Revolving Warning Light perfectly designed for small devices.

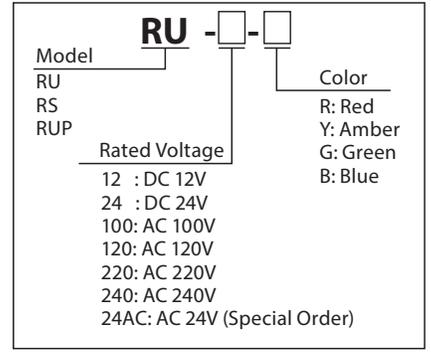
FEATURES

- Indoors allows upright, inverted, and sideways installation; outdoors allows upright installation only.
- Has the CE mark and conforms to the requirements (for 12V, 24V type only) for the EC directive.
- Dome is made from superior impact and heat resistant polycarbonate resin.
- Main body is made of impact and heat-resistant polycarbonate resin.
- Rotating parabolic reflector to enhance visibility from a distance.
- Vibration-resistant automobile bulb for extended bulb life.
- Available Colors are Red, Amber, Green, and Blue.

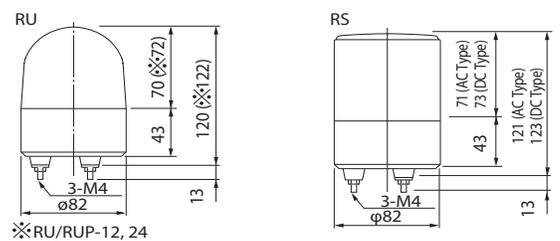
AVAILABLE BY SPECIAL ORDER

- Body Color: Silver
- Mounting Pole and Bracket: Standard with RUP Series.

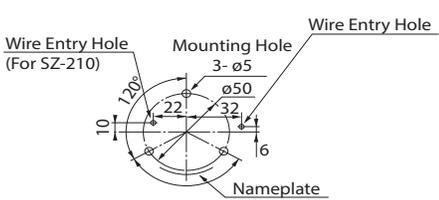
How to Order



Dimensions



Mounting Dimensions



(Unit: mm)

Specifications

Model	Rated Voltage	Current Consumption	Flash Rate (fpm)	Bulb		Mass	
				Ratings	Repl. No.	RU/RS	RUP
RU/RS-12	DC 12V	0.5A	120	12V 6W	18	0.4kg	0.8kg
RU/RS-24	DC 24V	0.3A		24V 6W	19		
RU/RS-100	AC 100V	0.1A		12V 6W	18	0.6kg	1.0kg
RU/RS-120	AC 120V						
RU/RS-220	AC 220V	0.05A		24V 6W	19	0.4kg	0.8kg
RU/RS-240	AC 240V						
Ⓞ RU/RS-24AC	AC 24V	0.3A					

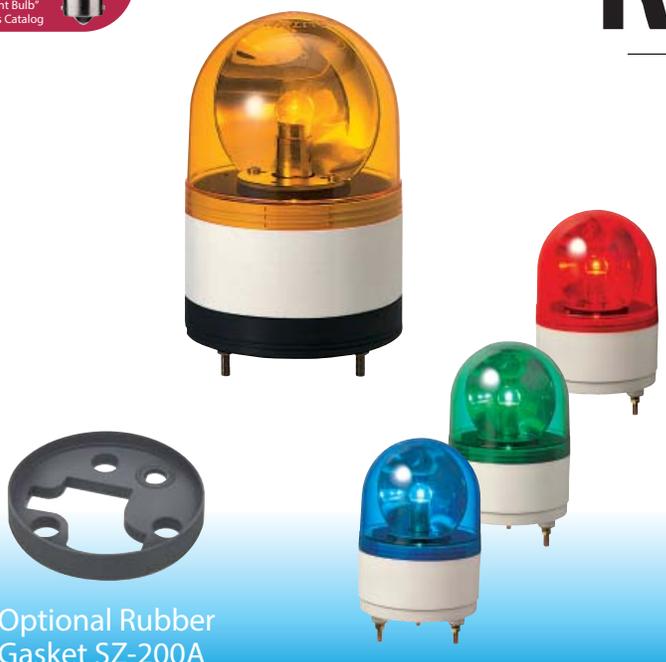
Ⓞ Available by Special Order

RH-A/ RK-A

Revolving Warning Light



Model **DEB** LED Lamp
Recommended Product
 For more details on Model DEB Refer to the "Replacement Bulb" Section at the end of this Catalog



Optional Rubber Gasket SZ-200A

- Bulb**
- IP55** (with SZ-200A)
- 1 Alarm Sound** (RHB & RKB)
- 90dB at 1m** (RHB & RKB)
- Terminal**
- Ø100**

Compact Revolving Warning Light featuring high durability and easy wiring with terminal block.

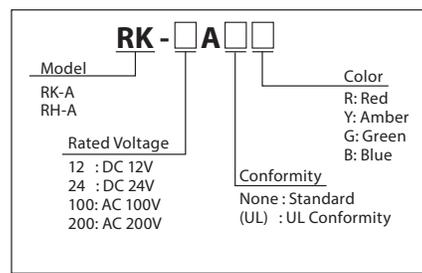
FEATURES

- Indoors allows upright, inverted, and sideways installation; Outdoors allows upright installation only.
- Has the CE mark and conforms to the requirements (for 12V, 24V type only) for the EC directive.
- Dome is made from superior impact and heat resistant polycarbonate resin.
- Main body is made of impact and heat-resistant polycarbonate resin.
- Built-in audible alarm for models RHB/RKB at a sound of 90dB (at 1m).
- Rotating parabolic reflector to enhance visibility from a distance.
- Is UL Listed for 24V, 120V, and 240V types (File No. E215660)
- Vibration-resistant automobile bulb for extended bulb life.
- Available Colors are Red, Amber, Green, and Blue.
- Utilizes a terminal block for easy wiring.

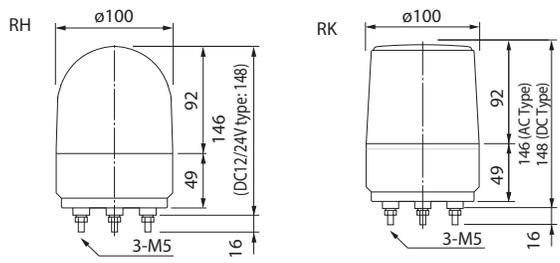
AVAILABLE BY SPECIAL ORDER (RH TYPE)

- Body Color: Silver

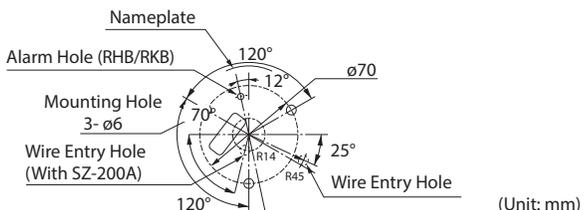
How to Order



Dimensions



Mounting Dimensions



Specifications

Model	Rated Voltage	Current Consumption	Flash Rate (fpm)	Bulb		Mass
				Ratings	Repl. No.	
RH/RHB-12A	DC 12V	0.8A	170	12V 10W	9	400g
RH/RHB-24A (UL)	DC 24V	0.5A		24V 10W	10	
RH/RHB-120A (UL)	AC 120V	0.1A		12V 5W	12	600g
RH/RHB-200A	AC 200V	0.03A		24V 10W	10	400g
RH/RHB-240A (UL)	AC 240V	0.05A				
RK/RKB-24A (UL)	DC 24V	0.5A		12V 5W	12	600g
RK/RKB-120A (UL)	AC 120V	0.1A				
RK/RKB-200A	AC 200V	0.03A				
RK/RKB-240A (UL)	AC 240V	0.05A				

SKH-A

Revolving Warning Light



Model DEB LED Lamp
Recommended Product
 For more details on Model DEB
 Refer to the "Replacement Bulb"
 Section at the end of this Catalog





Bulb

1 Alarm Sound (SKHB)

90dB at 1m (SKHB)

IP56 (SKH-SA, others IP23)

Ø118

Corrosion-proof plastic Revolving Warning Light for a variety of applications.

FEATURES

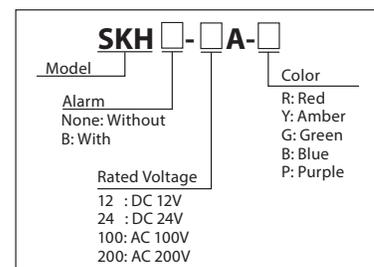
- Rotating parabolic reflector to enhance visibility from a distance.
- Vibration-resistant automobile bulb for extended bulb life.
- Includes an internal alarm of 90dB (at 1m) that is synchronized with the light operation.
- Upright, inverted, and sideways installation allowed for indoors* as well as outdoors.
- Dome is made from superior weather-resistant and light-translucent acrylic resin.
- Available Colors are Red, Amber, Green, and Blue.
- Has the CE mark and conforms to the requirements (for 12V, 24V type only) for the EC directive.

*SKH-SA installation allows upright and inverted installation only for indoor use.

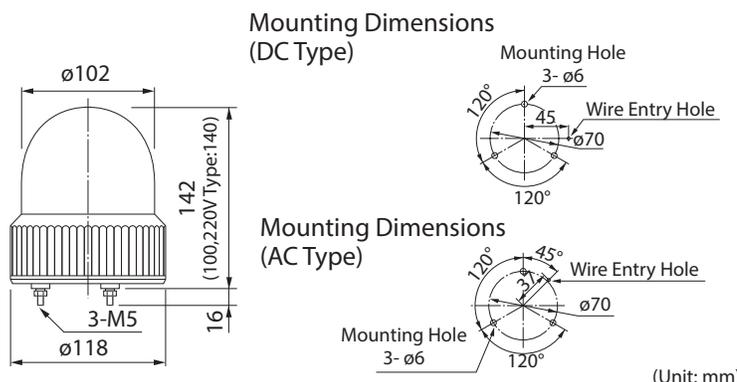
Specifications

Model	Rated Voltage	Current Consumption	Flash Rate (fpm)	Bulb		Mass
				Ratings	Repl. No.	
SKH-101A/SKHB-12A	DC 12V	0.8A	170	12V 10W	9	400g
SKH-102A/SKHB-24A	DC 24V	0.5A		24V 10W	10	
SKH-110A/SKHB-100A	AC 100V	0.065A		12V 5W	12	600g
SKH-112A/SKHB-120A	AC 120V	0.07A				
SKH-120A/SKHB-200A	AC 200V	0.03A				
SKH-102SA	DC24V	0.5A				
SKH-110SA	AC 100V	0.1A	12V 5W	12	600g	

How to Order



Dimensions



SKH-EA

Revolving Warning Light



-  **Bulb**
- IP23**
- Ø100**



Model **DEB LED Lamp**
Recommended Product
 For more details on Model DEB
 Refer to the "Replacement Bulb"
 Section at the end of this Catalog

Best-selling Revolving Warning Light for wide range of applications.

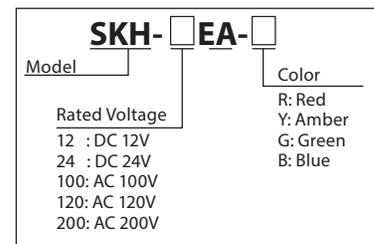
FEATURES

- Indoors allows upright, inverted, and sideways installation; outdoors allows upright installation only.
- Has the CE mark and conforms to the requirements (for 12V, 24V type only) for the EC directive.
- Dome is made from superior weather-resistant and light-translucent acrylic resin.
- Rotating parabolic reflector to enhance visibility from a distance.
- Vibration-resistant automobile bulb for extended bulb life.
- Available Colors are Red, Amber, Green, and Blue.

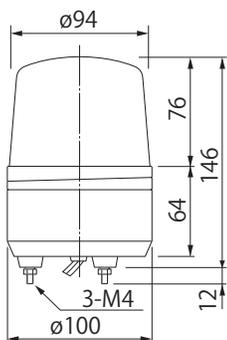
Specifications

Series	Model	Rated Voltage	Current Consumption	Flash Rate (fpm)	Bulb		Mass
					Ratings	Repl. No.	
USA Version	SKH-12EA	DC 12V	0.8A	170	12V 10W	9	400g
	SKH-24EA	DC 24V	0.5A		24V 10W	10	400g
	SKH-120EA	AC 120V	0.07A		12V 5W	12	600g
Standard Version	SKH-12EA	DC 12V	0.8A		12V 10W	9	400g
	SKH-24EA	DC 24V	0.5A		24V 10W	10	400g
	SKH-100EA	AC 120V	0.065A		12V 5W	12	600g
	SKH-200EA	AC 200V	0.03A				

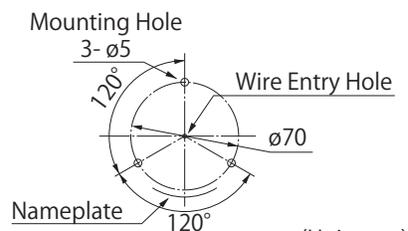
How to Order



Dimensions



Mounting Dimensions



(Unit: mm)

SKP-A

Revolving Warning Light



Bulb



IP23

Ø138

A Revolving Warning Light featuring corrosion-resistance and a stable and silent rotation.

FEATURES

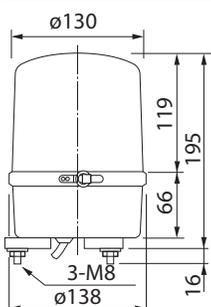
- Main body is made of a melamine baked finish with a corrosion-proof stainless steel (SUS 304) lens mounting fixture.
- Has the CE mark and conforms to the requirements (for 12V, 24V, 48V DC types only) for the EC directive.
- Indoors allows upright, inverted, and sideways installation; outdoors allows upright installation only.
- Dome lens is made of superior impact and heat resistant polycarbonate resin.
- Rotary Mechanism is gear-driven for stable rotation under vibration.
- Available Colors are in Red, Amber, Green, and Blue.

Specifications

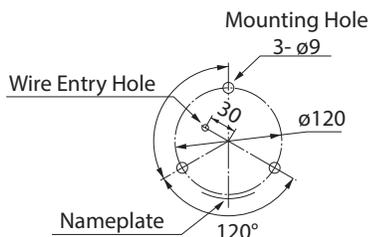
Model	Rated Voltage	Current Consumption	Flash Rate (fpm)	Bulb		Mass
				Ratings	Repl. No.	
SKP-101A	DC 12V	2.6A	140	12V 35W	1	0.8kg
SKP-102A	DC 24V	1.2A		24V 35W	2	
SKP-104A	DC 48V	0.8A		48V 35W	5	0.9kg
⊙ SKP-110ADC	DC 100V	0.35A		120V 40W	36	
SKP-110A	AC 100V	0.3A	120	220V 30W	37	1.0kg
SKP-120A	AC 200V	0.13A				

⊙ Available by Special Order

Dimensions

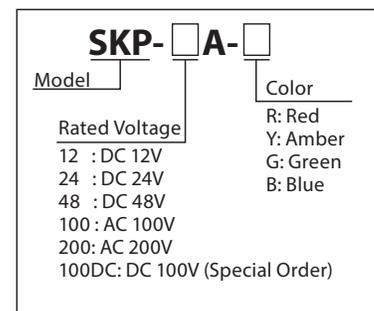


Mounting Dimensions



(Unit: mm)

How to Order



SKL-A

Revolving Warning Light


Bulb
IP23
Ø162

Basic Large-sized Revolving Warning Light with highly durable housing.

FEATURES

- Main body for the SKL-CA has a scratch-free melamine baked finish, and the SKL-SA is of corrosion-proof stainless steel.
- Has the CE mark and conforms to the requirements (for 12V, 24V, 48V DC type only) for the EC directive.
- Indoors allows upright, inverted, and sideways installation; outdoors allows upright installation only.
- Dome is made of a superior impact and heat-resistant polycarbonate resin.
- Available Colors are Red, Amber, Green, and Blue.

Specifications

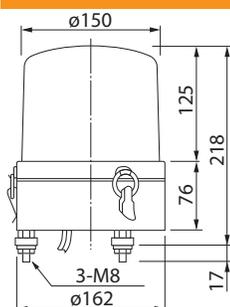
Model	Rated Voltage	Current Consumption	Flash Rate (fpm)	Bulb		Mass
				Ratings	Repl. No.	
SKL-101CA/101SA	12V DC	2.6A	140	12V 35W	1	1.3kg
SKL-102CA/102SA	24V DC	1.2A		24V 35W	2	
◎ SKL-102ACSA	24V AC			48V 35W	5	
SKL-104CA	48V DC	0.8A		120V 40W	36	1.5kg
SKL-110CA/110SA	100V AC	0.3A		220V 30W	37	
SKL-112SA	120V AC	0.4A				
SKL-120CA/120SA	200V AC	0.13A	120			

◎ Available by Special Order

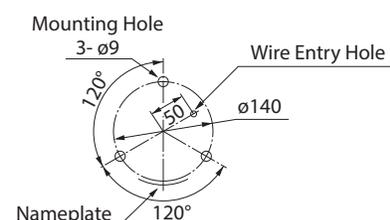
How to Order

Model	Rated Voltage	Color	Body
SKL-101	DC 12V	R: Red	CA: Melamine Finish
SKL-102	DC 24V	Y: Amber	SA: Stainless Steel
SKL-104	DC 48V	G: Green	
SKL-110	AC 100V	B: Blue	
SKL-112	AC 120V		
SKL-120	AC 200V		
SKL-102AC	AC 24V (Special Order)		

Dimensions



Mounting Dimensions



(Unit: mm)

RT

Hybrid MP3 & Revolving Light



- Bulb**
- 32 Alarm Sounds**
- 105dB at 1m**
- 63 Seconds**
- IP23**
- NPN Open-collector**



Large horn with revolving warning light featuring clear sound up to 105dB (at 1m).

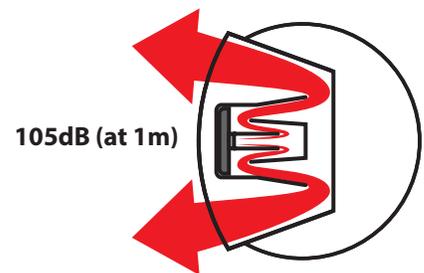
FEATURES

- Built-in Adjustable alarm with a sound of up to 105dB (at 1m).
- High sound quality with the MP3 voice synthesizer (RT-VF only).
- Installation is in the upright position only.
- Dome is made of superior weather-resistant and light-translucent acrylic resin.
- Available colors are Red, Amber, Green, and Blue.
- Complies with EU directives and includes the CE mark (for 24V type).

AVAILABLE BY SPECIAL ORDER

- Cable: Versatile and flexible 3m cable
- AC 120V type
- IP65 rating
- UL Conformity

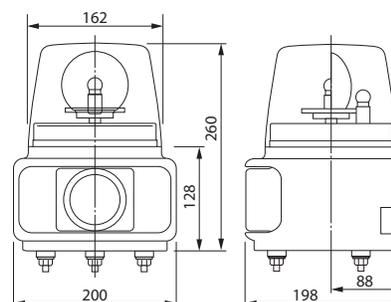
Horn Configuration Concept



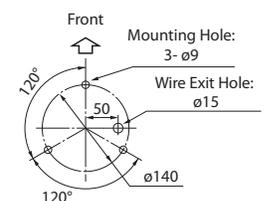
How to Order

RT-24VF-R	
Rated Voltage 24 : DC 24V 100: AC 100V 200: AC 200V	Color R: Red Y: Amber G: Green B: Blue
Sound	
VF: Voice Synthesizer A: Type A C: Type C D: Type D E: Type E	

Dimensions

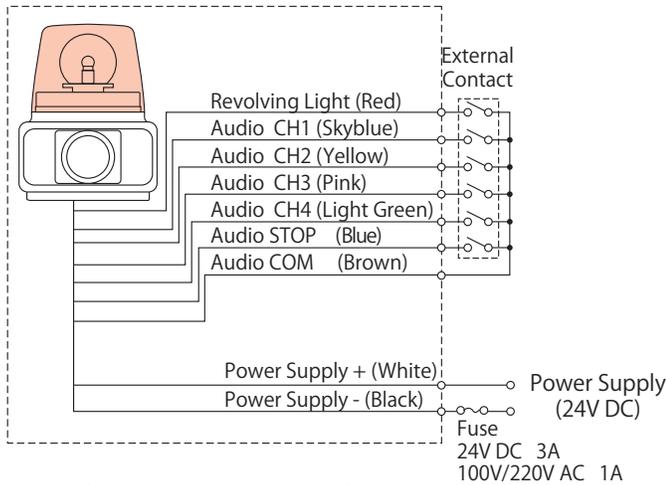


Mounting Dimensions



(Unit: mm)

RT-A/C/D/E



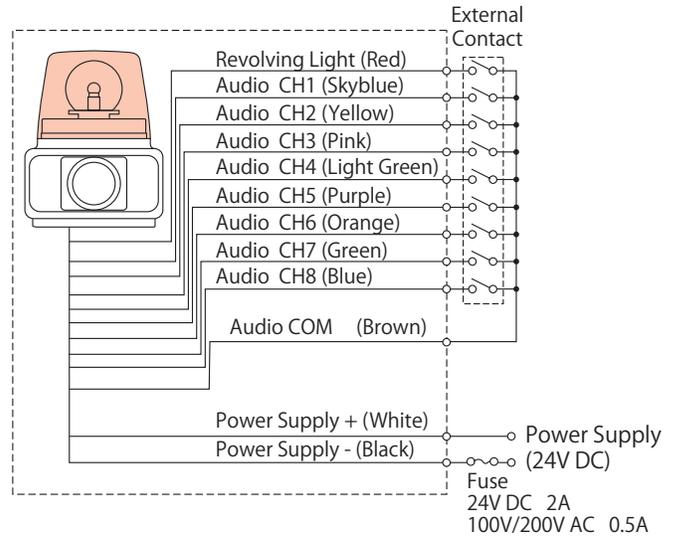
*more than 100ms input is required to activate.

Channel Priority:

4 (Light Green) > 3 (Pink) > 2 (Yellow) > 1 (Skyblue)

The greater number has priority when any of the channels are activated simultaneously.

RT-FV



Channel Priority:

8 (Blue) > 7 (Green) > 6 (Orange) > 5 (Red) > 4 (Light Green) > 3 (Pink) > 2 (Yellow) > 1 (Skyblue)

The greater number has priority when any of the channels are activated simultaneously.

Specifications

Series	Model	Rated Voltage	Operating Voltage Range	Power Consumption	Bulb		Sound Level	Operating Temperature Range	Rotations per Minute	Sound Level	Channel Input	Mass
					Ratings	Repl. No.						
Voice	RT-24VF	DC 24V	DC 21 - 27V	24 W	24V 20W	55	Max. 90dB (at 1m)	-10°C - +50°C (85%RH or less)	115	Max. 105dB (at 1m)	Bit: 4 Binary: 15	2.0kg
	RT-100VF	AC 100V	AC 90 - 100V	32 W	12V 15W	54			105			2.4kg
	RT-220VF	AC 220V	AC180 - 240V	30 W					95			
Sound	RT-24 □	DC 24V	DC 21 - 27V	24 W	24V 20W	55	Max. 95dB (at 1m)		115		Bit: 8 Binary: 32	2.0kg
	RT-100 □	AC 100V	AC 90 - 100V	32 W	12V 15W	54			105			2.5kg
	RT-220 □	AC 220V	AC180 - 240V	30 W					95			

Actual sound level will depend on sound type and operating conditions.

※) Even when starting two or more units simultaneously, a lag will occur during message playback.

Sound Chart

Type E			
Beep (slow intermittent)	Stutter + Bell	Inverted Reveille	Annie Laurie
Stutter (rapid intermittent)	Melody Chime	Galactic Motor	London Bridge is falling down
Bell (clear high-pitch)	Chime	Ringling Phone	Mary had a little Lamb
Yelp (rapid siren)	Call Sign	Two Tone	Camptown Races
Rapid Hi-Lo	Train Ride	Alarm Clock	Amaryllis
Melody Chime	Galloping Hi-Lo	Ringling Hi-Lo	Mozart Symphony No. 40
Synthesized Piano	Alien Chatter	Fur Elise	Ave Maria
Synthesized Bell	Falling Crystals	Bach Minuet in Gmaj	Grandfather's Clock

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