



Colors Red, Amber, Green, Blue

Globe Polycarbonate resin with superb shock and heat resistance

The RFT Series features a 100mm diameter rotating LED light, pre-loaded audible alarm sounds, with a 90dB horn for highly effective signaling.

- Efficient, maintenance-free LEDs
- Gear-method system for controlling light source and motor significantly increases product life
- High weather resistance for outdoor use
- Up to 90dB sound output at 1m
- 32 pre-loaded tone and alarm sounds
- IP54 protection rating
- Easily accessible volume control
- NPN compatible

Sound pressure 90dB

IP54

RoHS

CE

100φ

(only 24V)

Table of tones

32 Built-in Tones.

Every unit has 32 tones built-in.

Four built-in variations include RFT-A, RFT-C, RFT-D and RFT-E.

Type A

Beep	Stutter	Bell	Yelp
Rapid Hi-Lo	Melody Chime	Synthesized Piano	Synthesized Bell
Stutter & Bell	Synthesized Melody	Chime	Call Sign
Fur Elise	A Maiden's Prayer	Minuet in Gmjr	Annie Laurie
London bridge is falling down	Holdiridia	Mary had a little Lamb	Camptown Races
Cuckoo Song	Village Blacksmith	On the Avignon Bridge	Daydream Believer
Amaryllis	Mozart Symphony No.40	Quiet Lakeside	Mountain Musician
Spanish Romance	Katyusha	Grandfather's Clock	Ave Maria

Type C

Beep	Stutter	Bell	Yelp
Rapid Hi-Lo	Melody Chime	Synthesized Piano	Synthesized Bell
Stutter & Bell	Synthesized Melody	Chime	Call Sign
Can't take my eyes off of You	Top of the World	The Entertainer	Amazing Grace
Maiden with the flaxen hair	Aux Champs-Elysees	Canon	La-la Sunshine
Space Battleship Yamato	Oshiete	Makenai de	Theme Song
I Don't Want to Miss a Thing	Yozora no Mukou	Ai wa Katsu	Truth
Guts Daze!!	Odoru Ponpokorin	Ima sugu Kiss Me	Haru yo, Koi

Type D

Beep	Stutter	Bell	Yelp
Rapid Hi-Lo	Melody Chime	Synthesized Piano	Synthesized Bell
Runner	Mamotte Agetai	Chime	Call Sign
While listening to Olivia	September	Douyobi no Koibito	Aki no Kihai
Surf Tengoku, Ski Tengoku	Iro, White Blend	Happy Birthday	Hi Ho
I've been working on the Railroad	The Bear Song	Toys Go Cha-Cha-Cha	Konnako Irukana
Shubert's Lullaby	Rudolph the Red-nosed Reindeer	She Wore a Yellow Ribbon	My Darling Clementine
Yellow Rose of Texas	Yankee Doodle	When the Saints Go Marching In	Londonderry Aire

Type E

Beep	Stutter	Bell	Yelp
Rapid Hi-Lo	Melody Chime	Synthesized Piano	Synthesized Bell
Stutter & Bell	Synthesized Melody	Chime	Call Sign
Bee-boh sound	Galloping Hi-Lo	Alien Chatter	Falling Crystals
Inverted Reveille x3	Galactic Motor	Ringling Phone	Two Tone
Alarm Clock	Ringling Hi-Lo	Fur Elise	Minuet in Gmjr
Annie Laurie	London bridge is falling down	Mary had a little Lamb	Camptown Races
Amaryllis	Mozart Symphony No.40	Ave Maria	Grandfather's Clock

Use of Copyrighted Material

PATLITE Corporation has not applied for permission to use certain copyrighted music or songs recorded for Type-A, Type-C and Type-D melody charts outside of Japan. Therefore, please contact the local copyright association for permission before using the product in case this product is used outside of Japan. Melody chart Type-E is recommended for use outside of Japan as this playlist does not include copyrighted music or songs, and permission is not required.

●Bit input →8 sound playback (See instruction manual for 8 sound grouping) Binary input →32 sound playback

●Alarm tones are denoted in characters for convenience. Please inquire about actual tones or check our website for more details.

Specifications

Model	Rated Voltage	Operating Voltage Range	Maximum power consumption	Sound Pressure Level	Channel input (number of playback tones)	Operating Temperature Range	Number of flashes	Mass
RFT-24	24V DC	24V DC ±10%	12W	Maximum 90dB (at 1m)	Bit input (8CH) Binary input (32CH)	-10 °C to +50 °C (humidity 85% or less)	115±15 /minute	1.0kg±10%
RFT-100A-R	100V AC	100V AC±10%	13W					1.2kg±10%
RFT-220	220V AC	220V AC±10%	13W					1.2kg±10%

(Note) The sound pressure level changes based on tone, use environment, and working voltage. *When using multiple units, there may be variation in the playback sound even when started simultaneously.

Network

Signal Tower

Signal Light

Revolving Warning Light

Cube Tower

Audibles

Hybrid Signaling Devices

LED Illumination

Options

Model Code

RFT-100A-R

Rated Voltage

24	24V DC
100	100V AC
220	220V AC

Tone specifications

A	Type A
C	Type C
D	Type D
E	Type E

Revolving light colors

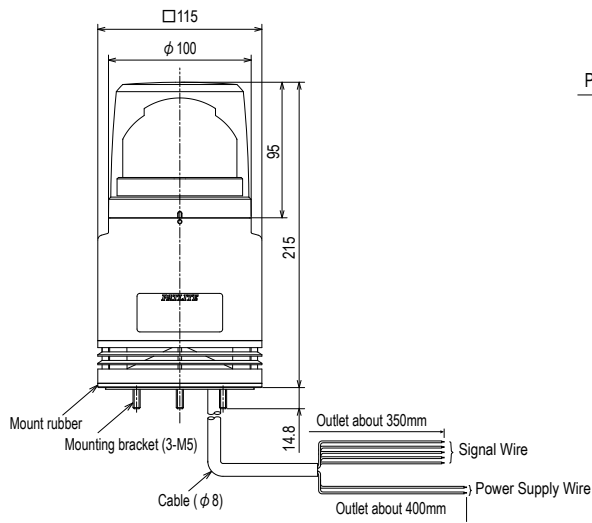
R	Red
Y	Amber
G	Green
B	Blue

Optional Parts

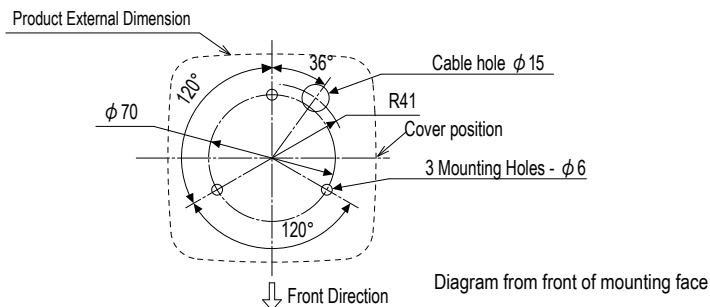
For details, see pages 182 to 187.

Optional Parts	Model
Wallmount Bracket	RF-001
Overhead mounting bracket	RF-002
SD card (2GB)	SDV-2GP

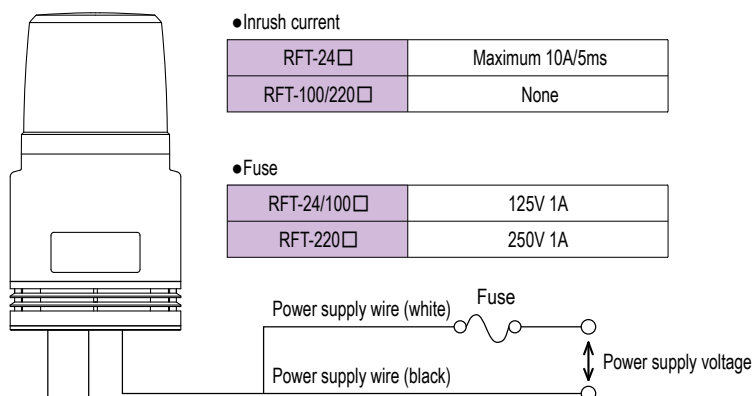
Dimensions (mm)



Installation Dimension Drawings



Wiring Diagram

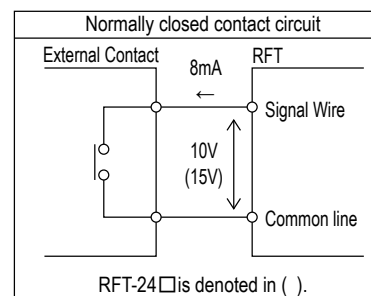


●Inrush current

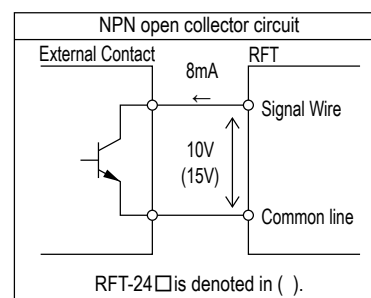
RFT-24□	Maximum 10A/5ms
RFT-100/220□	None

●Fuse

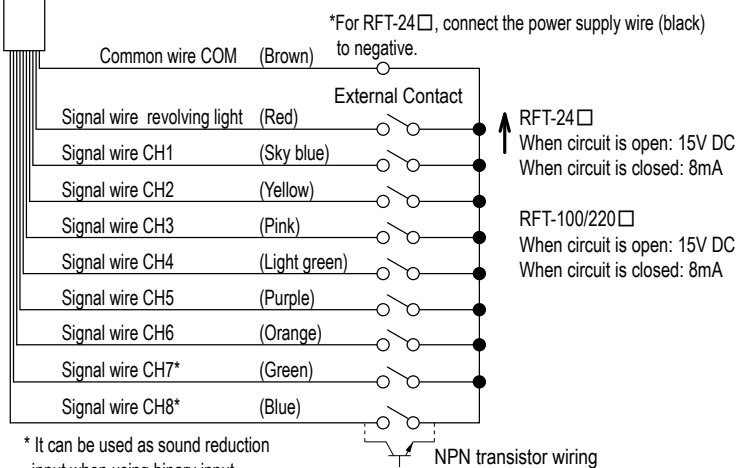
RFT-24/100□	125V 1A
RFT-220□	250V 1A



RFT-24□ is denoted in ().



RFT-24□ is denoted in ().



* It can be used as sound reduction input when using binary input.

NPN transistor wiring

●The revolving light operates simultaneously when a tone is played back.

Contact Capacity	
Current Capacity	10mA or more
Withstand Voltage	20V DC or more
Leakage Current	0.1mA or less
ON voltage (Vsat)	1V or less

Nominal cross-sectional area : Wire type

RFT-24: power supply wire : AWG18 : UL1061

Signal wire : AWG22 : UL1061

RFT-100/220: power supply wire : 0.75mm² : VSF

Signal wire : AWG22 : UL1061