

SPECIFICATIONS w

Model w	RFV-24F-□	RFV-100F-□	RFV-220F-□		
Rated Voltage w	24V DC	100V AC 50/60Hz	220V AC 50/60Hz		
Operating Voltage Range	24V DC ± 10%	100V AC ± 10%	220V AC ± 10%		
Power Consumption w	Maximum 18W	Maximum 16W	Maximum 16W		
Sound Pressure Level	More than 95dB at 1m (at a 1kHz sine wave) Volume-adjustable				
Function of Sound Reduction	15dB ± 2dB (at a 1kHz sine wave and maximum volume)				
Audio Format w	MPEG1-Audio Layer III (MP3) w Standard bit rates : 64kbit/s ,Fs=44.1kHz w				
Maximum Playing Time w	Total 63.5 seconds (when the standard bit rates data is playing) w				
Memory Capacity w	508KB (Total of MP3 data)				
Voice Rewritable w	SD Card w				
Interface w	SDV-G2P (optional) w				
Method of Signal Input w	Pulse input (Pulse width : more than 100msec) w				
Operation Mode w	Bit input mode: Configuration the Bit input for the Channel input, Maximum 4 messages playable w Binary input mode: Configuration the Binary input for the Channel input, Maximum 15 messages playable Forced playing mode: Play the CH 1 by Power-On, The signal input is not accepted. w				
Signal Priority w	Stop > CH 4 > CH 3 > CH 2 > CH 1 (at the bit input mode)				
Warm-up Time w	For the power: Less than 1 sec For the signal: Less than 300msec w				
Revolving Light	Light Source	LED w			
	Color	Red	Yellow	Green	Blue
	Luminous Intensity	3,000 cd or more	3,000 cd or more	2,500 cd or more	2000 cd or more
	Flashing Rate	115 ± 15 Flashes Per Minute			
Operating Ambient Temperature	-10°C ~ 50°C (No freezing and condensation)				
Operating Ambient Humidity	Less than 85 %RH (No condensation)				
Mounting Location w	Indoors and Outdoors w				
Mounting Direction w	Indoors: Upright, Inverted (Upright Only at the water environment) / Outdoors: Upright w				
Protection Rating w	IP 54 (Upright direction only)				
Insulation Resistance	More than 1MΩ at 500VDC between the terminals and the chassis w				
Withstand Voltage	Applied for 1min between terminals and chassis without breaking insulation				
	500V AC	1000V AC	1500V AC		
Vibration Resistance	45m/s ²	19.6m/s ²			
	30Hz, Back and force 2h·Right and Left 2h·Up and down 4h				
Mass (Tolerance ± 10%) w	1.0kg	1.2kg			
Conformity Standards w	<ul style="list-style-type: none"> •EMC Directive (EN 55011, EN 61000-6-2) •RoHS Directive (EN 50581) 				
Notes w	Conforms to the CE requirements				
	<p style="text-align: center;">There are no contents of controlled substances exceeding the threshold for the RoHS Directive.</p> <div style="text-align: center;"> <h2 style="margin: 0;">RFV - 24 F - R w</h2> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>■ Rated Voltage</p> <p>24: 24V DC</p> <p>100: 100V AC</p> <p>220: 220V AC</p> </div> <div style="text-align: center;"> <p>■ Dome Color</p> <p>R: Red</p> <p>Y: Yellow</p> <p>G: Green</p> <p>B: Blue</p> </div> </div> <p style="font-size: small; margin-top: 10px;">~Caution for copyright~ If a work that was recorded or copied from music CDs or other media is used at public places, law enforcement for copyright infringement may be imposed. When using a work that was recorded or copied from music CDs or other media, be sure to obtain permission from the author. In addition, the copyright of audio/music data which are distributed or sold by PATLITE Corporation belongs to our company. It is strictly prohibited to copy/reprint the partial or whole contents of audio/music data of PATLITE Corporation or to transfer/sell them on computer networks etc. without the permission of the right holder.</p> </div>				

RFV-.PDFD-EN-1_2 w

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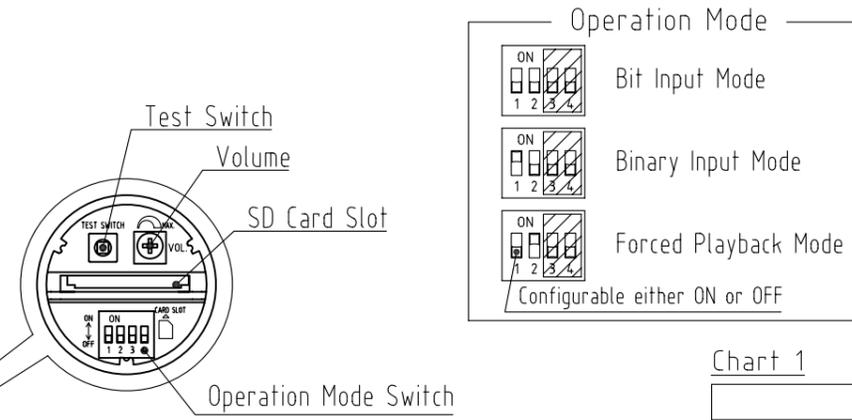
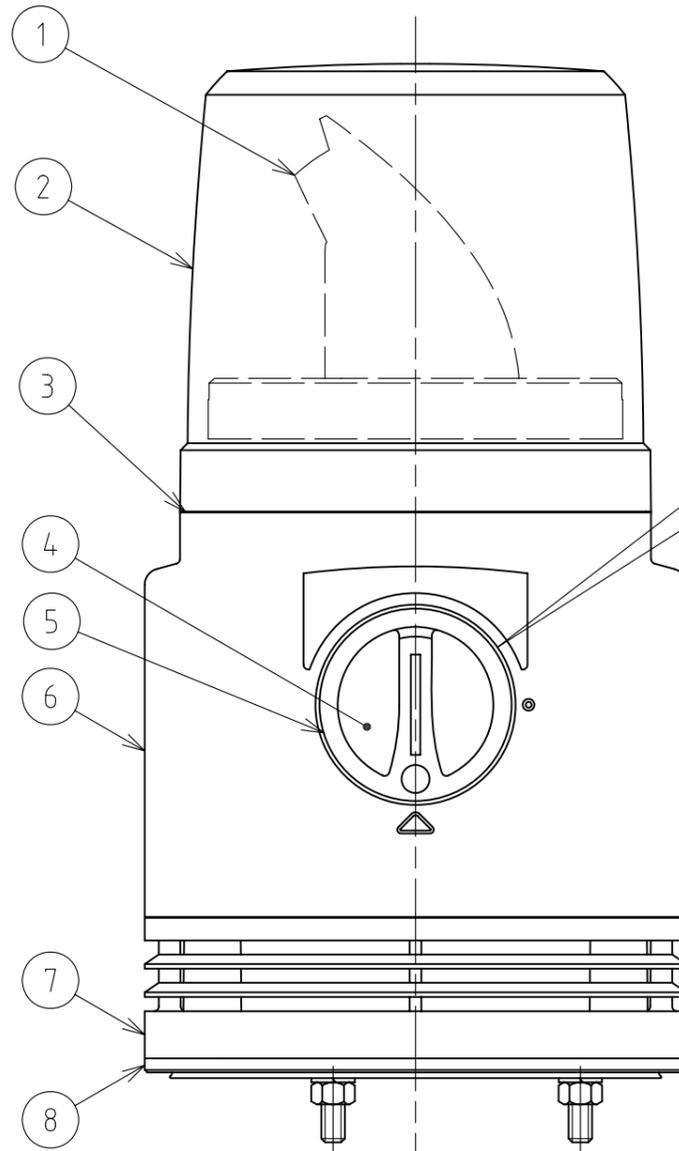
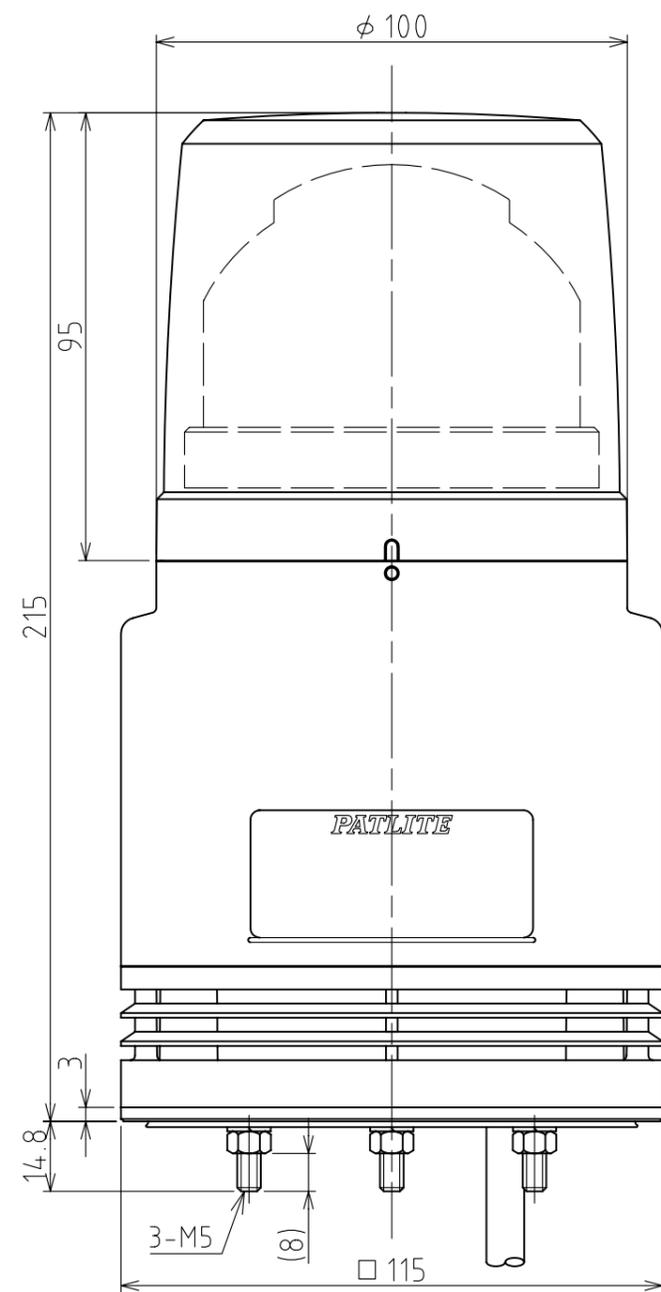
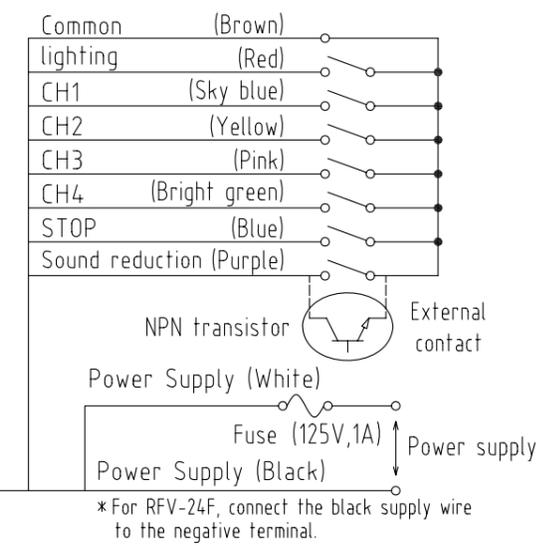


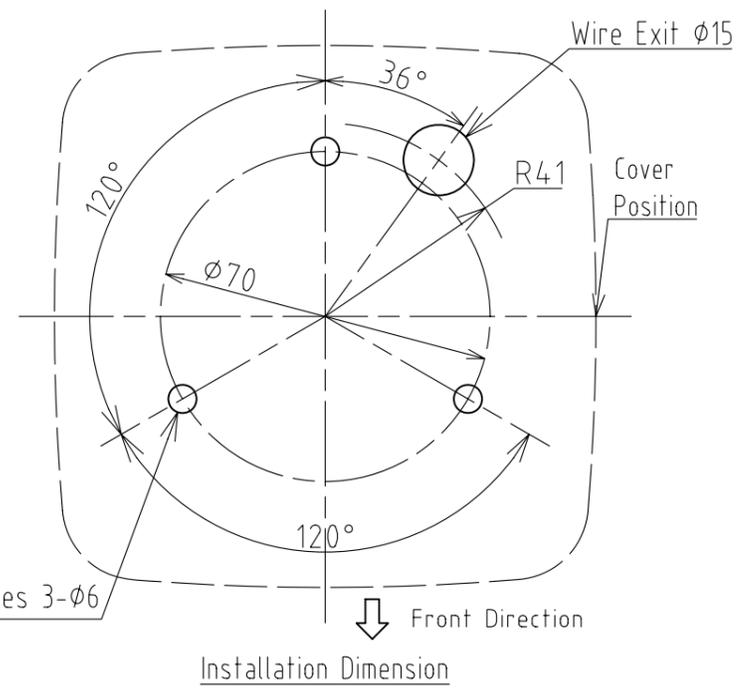
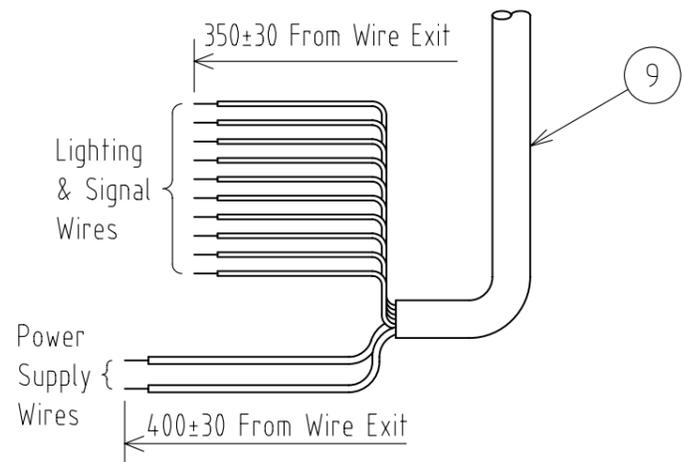
Chart 1

	Diameter	Power Supply Wires	Signal Wires
RFV-24F	φ 8.0	AWG18	AWG22
RFV-100F/220F	φ 9.0	VSF 0.75mm ²	



Fuse	
RFV-24F	125V 1A
RFV-100F	125V 1A
RFV-220F	250V 1A

Contact Capacity of the Signal wire	
Current Capacity	10mA or more
Dielectric Voltage-Withstand	20V DC or more
Leak Current	0.1mA or less
ON Voltage(Vsat)	1V or less



Wiring Example

9	Cable		1	Refer to chart 1	
8	Mount rubber		1	EPDM (Optional)	
7	Base		1	ABS (Light Gray)	
6	Case		1	ABS (Light Gray)	
5	O-ring		1	VMQ	
4	Cover		1	ABS (Light Gray)	
3	O-ring		1	NBR	
2	Dome		1	PC (Red, Yellow, Green, Blue)	
1	Reflector		1		
番号 No.	部品名 Part Name	品目コード Part No.	数量 Qty.	材料 & 寸法 & 処理 Material & Size & Finish	記事 Remarks

RFV-24F/100F/220F
Dimensions
株式会社 パトライト
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RFV-.-PDFD-EN-2_2