Signal Tower

LS7

φ70 mm	CE	RoHS 10	UL	IP65	IP54 with Alarm	Indoor Use	Upright Mounting
Ambient Temperature -30℃-+60℃	Red, Amber, Green, Blue, White	Continuous On	60 Flashes per Minute	85dB *C type 82 dB	2 Sounds *C type 1 sound		

Continuous On Type

LS7-WH (lead wires)
LS7-WC (M12 connector)

Flashing and Alarm Type

LS7-FBWH
[Continuous on/flashing/2 alarms]
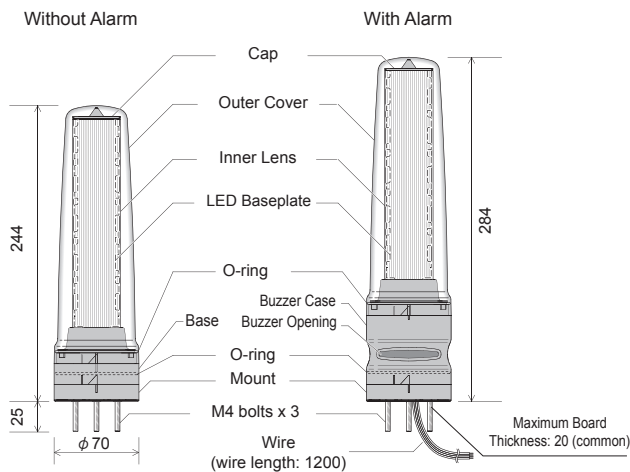(Lead wires)

LS7-FBWC [Continuous on/1 alarm]
(M12 connector)

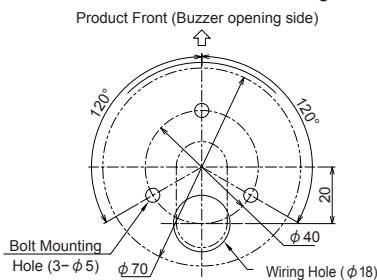## Model Number Configuration

LS7-502SFBWH-RYGBC

① ② ③ ④ ⑤ ⑥

① Number of LED Segments
3 = 3 segments
5 = 5 segments

② Rated Voltage
02 = 24V DC

③ Body Color
Blank = Off-white
D = Dark gray
S = Silver

④ Flashing / Buzzer*
Blank = No flashing, no alarm
FB = Flashing/Alarm for wire lead type only
B = No flashing, with alarm for M12 connector type only

*FB type has flashing and two alarms and is only available for H type
*B type has no flashing and has one continuous alarm (peee) and is only available for C type.

⑤ Wiring Method
C = M12 connector
H = Lead wire

⑥ Luminous Color
RYGNN = Red, Amber, Green
RYGBC = Red, Amber, Green, Blue, White
(Top to bottom. Sequence cannot be changed)

Dimensions (mm)

Without Alarm

- Cap
- Outer Cover
- Inner Lens
- LED Baseplate
- O-ring
- Base
- O-ring
- Mount
- M4 bolts x 3

244
25
φ70

With Alarm

- Buzzer Case
- Buzzer Opening
- Wire (wire length: 1200)

284

Maximum Board Thickness: 20 (common)

Installation Dimension Drawings

Product Front (Buzzer opening side)

120° 120°

Bolt Mounting Hole (3−φ5)
φ70
φ40
Wiring Hole (φ18)
20

Specification

Supported Transistor	NPN / PNP
Alarm Sound	2 type (pipipi/piropiro) / 1 type (peee)
Volume Control	Rotating switch

Optional Parts

For details refer to P. 99 to P. 104

Product Description	Model Number
Platform Bracket (off-white)	SZ-100
Platform bracket (dark gray)	SZ-100D
Platform bracket (silver)	SZ-100S
Wall Mount Bracket (off-white)	SZ-110
Wall Mount Bracket (dark gray)	SZ-110D
Wall Mount Bracket (silver)	SZ-110S
Multi-mount Bracket (off-white)	SZ-130
Multi-mount Bracket (dark gray)	SZ-130D
Multi-mount Bracket (silver)	SZ-130S
M12 Connector with 2m cable (OMRON part number)	SZ-120-02 (XS2F-D821-DH0-R)
M12 Connector with 6m cable (OMRON part number)	SZ-120-05 (XS2F-D821-GH0-R)
M12 Connector with 10m cable (OMRON part number)	SZ-120-10 (XS2F-D821-JH0-R)

Product List

Model Number	Number of Tiers	Rated Voltage	Body Color	Function	Buzzer	Wiring Method	Luminous Color	Power Consumption	Mass
LS7-302SFBWH-RYGNN	3	24V DC	Silver	Continuous On and flashing	Yes	lead wire	Red, Amber, Green	3.8W	0.37kg
LS7-302BWC-RYGNN	3	24V DC	Off-white	Continuous On	Yes	M12 connector	Red, Amber, Green	4.1W	0.26kg
LS7-302DBWC-RYGNN	3	24V DC	Dark gray	Continuous On	Yes	M12 connector	Red, Amber, Green	4.1W	0.35kg
LS7-302DFBWH-RYGNN	3	24V DC	Dark gray	Continuous On and flashing	Yes	lead wire	Red, Amber, Green	3.8W	0.37kg
LS7-302DWC-RYGNN	3	24V DC	Dark gray	Continuous On	None	M12 connector	Red, Amber, Green	2.8W	0.26kg
LS7-302DWH-RYGNN	3	24V DC	Dark gray	Continuous On	None	lead wire	Red, Amber, Green	2.8W	0.28kg
LS7-302FBWH-RYGNN	3	24V DC	Off-white	Continuous On and flashing	Yes	lead wire	Red, Amber, Green	3.8W	0.37kg
LS7-302SBWC-RYGNN	3	24V DC	Silver	Continuous On	Yes	M12 connector	Red, Amber, Green	4.1W	0.35kg
LS7-302SWC-RYGNN	3	24V DC	Silver	Continuous On	None	M12 connector	Red, Amber, Green	2.8W	0.26kg
LS7-302SWH-RYGNN	3	24V DC	Silver	Continuous On	None	lead wire	Red, Amber, Green	2.8W	0.28kg
LS7-302WC-RYGNN	3	24V DC	Off-white	Continuous On	None	M12 connector	Red, Amber, Green	2.8W	0.26kg
LS7-302WH-RYGNN	3	24V DC	Off-white	Continuous On	None	lead wire	Red, Amber, Green	2.8W	0.28kg
LS7-502BWC-RYGBC	5	24V DC	Off-white	Continuous On	Yes	M12 connector	Red, Amber, Green, Blue, White	6.0W	0.35kg
LS7-502DBWC-RYGBC	5	24V DC	Dark gray	Continuous On	Yes	M12 connector	Red, Amber, Green, Blue, White	6.0W	0.35kg
LS7-502DFBWH-RYGBC	5	24V DC	Dark gray	Continuous On and flashing	Yes	lead wire	Red, Amber, Green, Blue, White	5.7W	0.37kg
LS7-502DWC-RYGBC	5	24V DC	Dark gray	Continuous On	None	M12 connector	Red, Amber, Green, Blue, White	4.7W	0.26kg
LS7-502DWH-RYGBC	5	24V DC	Dark gray	Continuous On	None	lead wire	Red, Amber, Green, Blue, White	4.7W	0.28kg
LS7-502FBWH-RYGBC	5	24V DC	Off-white	Continuous On and flashing	Yes	lead wire	Red, Amber, Green, Blue, White	5.7W	0.37kg
LS7-502SBWC-RYGBC	5	24V DC	Silver	Continuous On	Yes	M12 connector	Red, Amber, Green, Blue, White	6.0W	0.35kg
LS7-502SFBWH-RYGBC	5	24V DC	Silver	Continuous On and flashing	Yes	lead wire	Red, Amber, Green, Blue, White	5.7W	0.37kg
LS7-502SWC-RYGBC	5	24V DC	Silver	Continuous On	None	M12 connector	Red, Amber, Green, Blue, White	4.7W	0.26kg
LS7-502SWH-RYGBC	5	24V DC	Silver	Continuous On	None	lead wire	Red, Amber, Green, Blue, White	4.7W	0.28kg
LS7-502WC-RYGBC	5	24V DC	Off-white	Continuous On	None	M12 connector	Red, Amber, Green, Blue, White	4.7W	0.26kg
LS7-502WH-RYGBC	5	24V DC	Off-white	Continuous On	None	lead wire	Red, Amber, Green, Blue, White	4.7W	0.28kg

LAN / USB / PoE / Wireless

Signal Tower

Beacons

Cube Tower

Audible Alarms and MP3 Voice Annunciators

Hybrid Signaling Devices

LED Illumination

Explosion Proof

Optional Parts