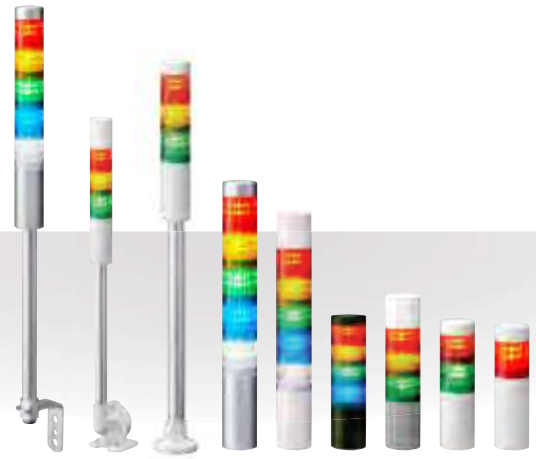


Signal Tower

LR



WD Compatible
(pg. 13)



Φ40 mm	Φ50 mm	Φ60 mm	Φ70 mm	LED	Indoor Use	Upright Mounting	Ambient Temperature -20°C~+45°C (ABS & AS)	Ambient Temperature -20°C~+50°C
Red, Amber, Green, Blue, White, Multi-color 7 colors	Change Number of Tiers	Continuous On	60 Flashes per Minute	85dB (LR4, LR5)	88dB (LR6)	90dB (LR7)	4 Alarm Sounds	
CE (Excluding M2LJ type)	RoHS 10	UL	FCC	KC (M2LJ)	IP65	IP54 (LJ Type)	NEMA TYPE 4X,13	

*When using 12V DC: 80dB

Model Number Configuration

Φ40mm Model Code

LR4-502WJBW-RYGBCZ

Model ① ② ③ ④ ⑤ ⑥ ⑦

- | | | | | | | |
|---|---|--|---|--|--|--|
| ① Tiers
1 = 1 tier
2 = 2 tiers
3 = 3 tiers
4 = 4 tiers
5 = 5 tiers | ② Rated Voltage
02 = 24V DC
M2 = 100-240V AC *1 | ③ Mounting/Wiring
WJ = Direct Mount/Cable
LJ = Pole Mount with L-bracket/Cable
PJ = Pole Mount with Circular Bracket/Cable
QJ = Pole Mount with Folding Bracket/Cable *2 | ④ Flashing/Buzzer
B = With Flashing/Buzzer
N = No Flashing/Buzzer | ⑤ Body Color
W = Off-white
U = Silver *3 | ⑥ Luminous Color
R = Red
Y = Amber
G = Green
B = Blue
C = White | ⑦ Lens Type
None = Colored
Z = Clear |
|---|---|--|---|--|--|--|

*1 For WJ, LJ and PJ type only *2 For 24V DC and Off-white type only *3 For 24V DC type WJ, LJ and PJ type only

Φ50mm Model Code

LR5-502WJBW-RYGBCZ

Model ① ② ③ ④ ⑤ ⑥ ⑦

- | | | | | | | |
|---|---|---|---|-------------------------------|--|--|
| ① Tiers
1 = 1 tier
2 = 2 tiers
3 = 3 tiers
4 = 4 tiers
5 = 5 tiers | ② Rated Voltage
01 = 12V DC
02 = 24V DC | ③ Mounting/Wiring
WJ = Direct Mount/Cable
LJ = Pole Mount with L-bracket/Cable
PJ = Pole Mount with Circular Bracket/Cable | ④ Flashing/Buzzer
B = With Flashing/Buzzer
N = No Flashing/Buzzer | ⑤ Body Color
W = Off-white | ⑥ Luminous Color
R = Red
Y = Amber
G = Green
B = Blue
C = White | ⑦ Lens Type
None = Colored
Z = Clear |
|---|---|---|---|-------------------------------|--|--|

Φ60mm Model Code

LR6-502WJBW-RYGBCZ

Model ① ② ③ ④ ⑤ ⑥ ⑦

- | | | | | | | |
|---|---|--|---|--|---|--|
| ① Tiers
1 = 1 tier
2 = 2 tiers
3 = 3 tiers
4 = 4 tiers
5 = 5 tiers | ② Rated Voltage
02 = 24V DC
M2 = 100-240V AC *1 | ③ Mounting/Wiring
WJ = Direct Mount/Cable
LJ = Pole Mount with L-bracket/Cable
PJ = Pole Mount with Circular Bracket/Cable
QJ = Pole Mount with Folding Bracket/Cable *2
WC = Direct Mount/M12 Connector *2 | ④ Flashing/Buzzer
B = With Flashing/Buzzer
N = No Flashing/Buzzer | ⑤ Body Color
W = Off-white
U = Silver *3 | ⑥ Luminous Color
R = Red
Y = Amber
G = Green
B = Blue
C = White
M = Multi Color | ⑦ Lens Type
None = Colored
Z = Clear |
|---|---|--|---|--|---|--|

*1 For WJ, LJ and PJ type only *2 For 24V DC and Off-white type only *3 For 24V DC type WJ, LJ and PJ type only

Φ70mm Model Code

LR7-502WJBW-RYGBC

Model ① ② ③ ④ ⑤ ⑥

- | | | | | | |
|---|--------------------------------|--|---|-------------------------------|--|
| ① Tiers
1 = 1 tier
2 = 2 tiers
3 = 3 tiers
4 = 4 tiers
5 = 5 tiers | ② Rated Voltage
02 = 24V DC | ③ Mounting/Wiring
WJ = Direct Mount/Cable | ④ Flashing/Buzzer
B = With Flashing/Buzzer
N = No Flashing/Buzzer | ⑤ Body Color
W = Off-white | ⑥ Luminous Color
R = Red
Y = Amber
G = Green
B = Blue
C = White |
|---|--------------------------------|--|---|-------------------------------|--|

LAN / USB / PoE / Wireless

Signal Tower

Beacons

Cube Tower

Audible Alarms and MP3 Voice Announciators

Hybrid Signaling Devices

LED Illumination

Optional Parts

Specification

Supported Transistors	NPN/PNP (Excluding M2 type)
Alarm Sound	4 patterns (switch by DIP switch) No.1: Intermittent sound (Pipipi) No.2: Continuous sound (pee) No.3: High and low tones No.4: Sweep sound (Hune) *It is possible to sound an alarm that turns on and off in 0.5 second cycles by shorting the buzzer and flashing common lines.
Volume control	Sound can be reduced by DIP switch

Optional Parts

For details refer to P. 93 to P. 98

Product Name	Model Number
Circular Bracket	SZW-001W
Wall Mount Bracket	SZK-002W/U/K
Wall Mount Bracket	SZK-003W/U/K
Wall Mount Bracket	SZK-004W
Circular Multi-mount Bracket	SZP-001W/U/K
1/2" NPT Bracket	SZP-090U
1/2" NPT Bracket	SZP-091U

Product Description	Model Number
Mounting Bracket	SZW-002W
Circular Bracket	SZP-002U
Folding Bracket	SZQ-001W
Circular Bracket	SZP-003W/U/K
L-Bracket	SZL-001
Wall Mount Bracket	SZK-001U

Product List Pre-Assembled Models

...Compatible with WD Wireless Data Acquisition products (page. 11 - 13)

Model Number	WD Compatible	Size (mm)	Number of Tiers	Rated Voltage	Mounting	Alarm	Luminous Color	Clear Lens	Power Consumption	Mass
LR4-102WJNW(U)-R/Y/G		Φ40	1	24V DC	Direct		Red/Amber/Green		1.3W	0.205kg
LR4-202WJNW(U)-RY/RG		Φ40	2	24V DC	Direct		Red, Amber / Red, Green		2.6W	0.24kg
LR4-302WJNW(U)-RYG		Φ40	3	24V DC	Direct		Red, Amber, Green		3.9W	0.275kg
LR4-302WJNW-RYGZ		Φ40	3	24V DC	Direct		Red, Amber, Green	•	3.9W	0.275kg
LR4-402WJNW(U)-RYGB		Φ40	4	24V DC	Direct		Red, Amber, Green, Blue		5.2W	0.31kg
LR4-502WJNW(U)-RYGBC		Φ40	5	24V DC	Direct		Red, Amber, Green, Blue, White		6.5W	0.345kg
LR4-102WJBW(U)-R/Y/G		Φ40	1	24V DC	Direct	✓	Red / Amber / Green		2.6W	0.24kg
LR4-202WJBW(U)-RY/RG		Φ40	2	24V DC	Direct	✓	Red, Amber / Red, Green		3.9W	0.275kg
LR4-302WJBW(U)-RYG		Φ40	3	24V DC	Direct	✓	Red, Amber, Green		5.2W	0.31kg
LR4-302WJBW-RYGZ		Φ40	3	24V DC	Direct	✓	Red, Amber, Green	•	5.2W	0.31kg
LR4-402WJBW(U)-RYGB		Φ40	4	24V DC	Direct	✓	Red, Amber, Green, Blue		6.5W	0.345kg
LR4-502WJBW(U)-RYGBC		Φ40	5	24V DC	Direct	✓	Red, Amber, Green, Blue, White		7.8W	0.38kg
LR4-1M2WJNW-R/Y/G		Φ40	1	100 - 240V AC	Direct		Red / Amber / Green		1.8W	0.29kg
LR4-2M2WJNW-RY/RG		Φ40	2	100 - 240V AC	Direct		Red, Amber / Red, Green		3.6W	0.32kg
LR4-3M2WJNW-RYG		Φ40	3	100 - 240V AC	Direct		Red, Amber, Green		5.4W	0.355kg
LR4-4M2WJNW-RYGB		Φ40	4	100 - 240V AC	Direct		Red, Amber, Green, Blue		7.2W	0.39kg
LR4-5M2WJNW-RYGBC		Φ40	5	100 - 240V AC	Direct		Red, Amber, Green, Blue, White		9W	0.43kg
LR4-1M2WJBW-R/Y/G		Φ40	1	100 - 240V AC	Direct	✓	Red / Amber / Green		3.6W	0.32kg
LR4-2M2WJBW-RY/RG		Φ40	2	100 - 240V AC	Direct	✓	Red, Amber / Red, Green		5.4W	0.36kg
LR4-3M2WJBW-RYG		Φ40	3	100 - 240V AC	Direct	✓	Red, Amber, Green		7.2W	0.39kg
LR4-4M2WJBW-RYGB		Φ40	4	100 - 240V AC	Direct	✓	Red, Amber, Green, Blue		9W	0.43kg
LR4-5M2WJBW-RYGBC		Φ40	5	100 - 240V AC	Direct	✓	Red, Amber, Green, Blue, White		10.8W	0.46kg
LR5-101WJNW-R/Y/G		Φ50	1	12V DC	Direct		Red / Amber / Green		1.1W	0.24kg
LR5-201WJNW-RY/RG		Φ50	2	12V DC	Direct		Red, Amber / Red, Green		2.2W	0.28kg
LR5-301WJNW-RYG		Φ50	3	12V DC	Direct		Red, Amber, Green		3.3W	0.32kg
LR5-401WJNW-RYGB		Φ50	4	12V DC	Direct		Red, Amber, Green, Blue		4.4W	0.36kg
LR5-501WJNW-RYGBC		Φ50	5	12V DC	Direct		Red, Amber, Green, Blue, White		5.5W	0.4kg
LR5-101WJBW-R/Y/G		Φ50	1	12V DC	Direct	✓	Red / Amber / Green		2.3W	0.29kg
LR5-201WJBW-RY/RG		Φ50	2	12V DC	Direct	✓	Red, Amber / Red, Green		3.4W	0.33kg
LR5-301WJBW-RYG		Φ50	3	12V DC	Direct	✓	Red, Amber, Green		4.5W	0.37kg
LR5-401WJBW-RYGB		Φ50	4	12V DC	Direct	✓	Red, Amber, Green, Blue		5.6W	0.41kg
LR5-501WJBW-RYGBC		Φ50	5	12V DC	Direct	✓	Red, Amber, Green, Blue, White		6.7W	0.45kg
LR5-102WJNW-R/Y/G		Φ50	1	24V DC	Direct		Red / Amber / Green		1.3W	0.24kg
LR5-202WJNW-RY/RG		Φ50	2	24V DC	Direct		Red, Amber / Red, Green		2.6W	0.28kg
LR5-302WJNW-RYG		Φ50	3	24V DC	Direct		Red, Amber, Green		3.9W	0.32kg

Product List Pre-Assembled Models

Compatible with WD Wireless Data Acquisition products (page. 11 - 13)

Model Number	WD Compatible	Size (mm)	Number of Tiers	Rated Voltage	Mounting	Alarm	Luminous Color	Clear Lens	Power Consumption	Mass
LR5-402WJNW-RYGB	☑	Φ50	4	24V DC	Direct		Red, Amber, Green, Blue		5.2W	0.36kg
LR5-502WJNW-RYGB	☑	Φ50	5	24V DC	Direct		Red, Amber, Green, Blue, White		6.5W	0.4kg
LR5-102WJBW-R/Y/G	☑	Φ50	1	24V DC	Direct	✓	Red / Amber / Green		2.6W	0.29kg
LR5-202WJBW-RY/RG	☑	Φ50	2	24V DC	Direct	✓	Red, Amber / Red, Green		3.9W	0.33kg
LR5-302WJBW-RYG	☑	Φ50	3	24V DC	Direct	✓	Red, Amber, Green		5.2W	0.37kg
LR5-402WJBW-RYGB	☑	Φ50	4	24V DC	Direct	✓	Red, Amber, Green, Blue		6.5W	0.41kg
LR5-502WJBW-RYGB	☑	Φ50	5	24V DC	Direct	✓	Red, Amber, Green, Blue, White		7.8W	0.45kg
LR6-102WJNW(U)-R/Y/G	☑	Φ60	1	24V DC	Direct		Red / Amber / Green		1.3W	0.28kg
LR6-202WJNW(U)-RY/RG	☑	Φ60	2	24V DC	Direct		Red, Amber / Red, Green		2.6W	0.34kg
LR6-302WJNW(U)-RYG	☑	Φ60	3	24V DC	Direct		Red, Amber, Green		3.9W	0.4kg
LR6-302WJNW(U)-RYGZ	☑	Φ60	3	24V DC	Direct		Red, Amber, Green	•	3.9W	0.4kg
LR6-402WJNW(U)-RYGB	☑	Φ60	4	24V DC	Direct		Red, Amber, Green, Blue		5.2W	0.46kg
LR6-502WJNW(U)-RYGB	☑	Φ60	5	24V DC	Direct		Red, Amber, Green, Blue, White		6.5W	0.52kg
LR6-102WJBW(U)-R/Y/G	☑	Φ60	1	24V DC	Direct	✓	Red / Amber / Green		2.6W	0.34kg
LR6-202WJBW(U)-RY/RG	☑	Φ60	2	24V DC	Direct	✓	Red, Amber / Red, Green		3.9W	0.4kg
LR6-302WJBW(U)-RYG	☑	Φ60	3	24V DC	Direct	✓	Red, Amber, Green		5.2W	0.46kg
LR6-402WJBW(U)-RYGB	☑	Φ60	4	24V DC	Direct	✓	Red, Amber, Green, Blue		6.5W	0.52kg
LR6-502WJBW(U)-RYGB	☑	Φ60	5	24V DC	Direct	✓	Red, Amber, Green, Blue, White		7.8W	0.58kg
LR6-1M2WJNW-R/Y/G	☑	Φ60	1	100 - 240V AC	Direct		Red / Amber / Green		1.8W	0.38kg
LR6-2M2WJNW-RY/RG	☑	Φ60	2	100 - 240V AC	Direct		Red, Amber / Red, Green		3.6W	0.44kg
LR6-3M2WJNW-RYG	☑	Φ60	3	100 - 240V AC	Direct		Red, Amber, Green		5.4W	0.5kg
LR6-4M2WJNW-RYGB	☑	Φ60	4	100 - 240V AC	Direct		Red, Amber, Green, Blue		7.2W	0.56kg
LR6-5M2WJNW-RYGB	☑	Φ60	5	100 - 240V AC	Direct		Red, Amber, Green, Blue, White		9W	0.62kg
LR6-1M2WJBW-R/Y/G	☑	Φ60	1	100 - 240V AC	Direct	✓	Red / Amber / Green		3.6W	0.44kg
LR6-2M2WJBW-RY/RG	☑	Φ60	2	100 - 240V AC	Direct	✓	Red, Amber / Red, Green		5.4W	0.5kg
LR6-3M2WJBW-RYG	☑	Φ60	3	100 - 240V AC	Direct	✓	Red, Amber, Green		7.2W	0.56kg
LR6-4M2WJBW-RYGB	☑	Φ60	4	100 - 240V AC	Direct	✓	Red, Amber, Green, Blue		9W	0.62kg
LR6-5M2WJBW-RYGB	☑	Φ60	5	100 - 240V AC	Direct	✓	Red, Amber, Green, Blue, White		10.8W	0.68kg
LR7-102WJNW-R/Y/G		Φ70	1	24V DC	Direct		Red / Amber / Green		1.3W	0.31kg
LR7-202WJNW-RY/RG		Φ70	2	24V DC	Direct		Red, Amber / Red, Green		2.6W	0.37kg
LR7-302WJNW-RYG		Φ70	3	24V DC	Direct		Red, Amber, Green		3.9W	0.435kg
LR7-402WJNW-RYGB		Φ70	4	24V DC	Direct		Red, Amber, Green, Blue		5.2W	0.5kg
LR7-502WJNW-RYGB		Φ70	5	24V DC	Direct		Red, Amber, Green, Blue, White		6.5W	0.57kg
LR7-102WJBW-R/Y/G		Φ70	1	24V DC	Direct	✓	Red / Amber / Green		2.6W	0.38kg
LR7-202WJBW-RY/RG		Φ70	2	24V DC	Direct	✓	Red, Amber / Red, Green		3.9W	0.44kg
LR7-302WJBW-RYG		Φ70	3	24V DC	Direct	✓	Red, Amber, Green		5.2W	0.505kg
LR7-402WJBW-RYGB		Φ70	4	24V DC	Direct	✓	Red, Amber, Green, Blue		6.5W	0.57kg
LR7-502WJBW-RYGB		Φ70	5	24V DC	Direct	✓	Red, Amber, Green, Blue, White		7.8W	0.635kg
LR6-302WJBW-RYGZ	☑	Φ60	3	24V DC	Direct	✓	Red, Amber, Green	•	5.2W	0.46kg
LR4-102LJNW(U)-R/Y/G	☑	Φ40	1	24V DC	Pole with L-bracket		Red / Amber / Green		1.3W	0.495kg
LR4-202LJNW(U)-RY/RG	☑	Φ40	2	24V DC	Pole with L-bracket		Red, Amber / Red, Green		2.6W	0.53kg
LR4-302LJNW(U)-RYG	☑	Φ40	3	24V DC	Pole with L-bracket		Red, Amber, Green		3.9W	0.565kg
LR4-302LJNW(U)-RYGZ	☑	Φ40	3	24V DC	Pole with L-bracket		Red, Amber, Green	•	3.9W	0.565kg
LR4-402LJNW(U)-RYGB	☑	Φ40	4	24V DC	Pole with L-bracket		Red, Amber, Green, Blue		5.2W	0.6kg
LR4-502LJNW(U)-RYGB	☑	Φ40	5	24V DC	Pole with L-bracket		Red, Amber, Green, Blue, White		6.5W	0.635kg
LR4-102LJBW(U)-R/Y/G	☑	Φ40	1	24V DC	Pole with L-bracket	✓	Red / Amber / Green		2.6W	0.53kg
LR4-202LJBW(U)-RY/RG	☑	Φ40	2	24V DC	Pole with L-bracket	✓	Red, Amber / Red, Green		3.9W	0.565kg
LR4-302LJBW(U)-RYG	☑	Φ40	3	24V DC	Pole with L-bracket	✓	Red, Amber, Green		5.2W	0.6kg
LR4-302LJBW(U)-RYGZ	☑	Φ40	3	24V DC	Pole with L-bracket	✓	Red, Amber, Green	•	5.2W	0.6kg
LR4-402LJBW(U)-RYGB	☑	Φ40	4	24V DC	Pole with L-bracket	✓	Red, Amber, Green, Blue		6.5W	0.635kg
LR4-502LJBW(U)-RYGB	☑	Φ40	5	24V DC	Pole with L-bracket	✓	Red, Amber, Green, Blue, White		7.8W	0.67kg
* LR4-1M2LJNW-R/Y/G	☑	Φ40	1	100 - 240V AC	Pole with L-bracket		Red / Amber / Green		1.8W	0.575kg
* LR4-2M2LJNW-RY/RG	☑	Φ40	2	100 - 240V AC	Pole with L-bracket		Red, Amber / Red, Green		3.6W	0.61kg
* LR4-3M2LJNW-RYG	☑	Φ40	3	100 - 240V AC	Pole with L-bracket		Red, Amber, Green		5.4W	0.645kg
* LR4-4M2LJNW-RYGB	☑	Φ40	4	100 - 240V AC	Pole with L-bracket		Red, Amber, Green, Blue		7.2W	0.68kg
* LR4-5M2LJNW-RYGB	☑	Φ40	5	100 - 240V AC	Pole with L-bracket		Red, Amber, Green, Blue, White		9W	0.715kg

RT

LAN / USB / PoE / Wireless

Signal Tower

Beacons

Cube Tower

Audible Alarms and MP3 Voice Announcers

Hybrid Signaling Devices

LED Illumination

Optional Parts