Manuals+ — User Manuals Simplified.

RSL Series Radiant Stack Light Installation Guide

RSL

FEDERAL SIGNAL
Safety and Security Systems

INSTALLATION AND APPLICATION INSTRUCTIONS –

CONFIGURATION
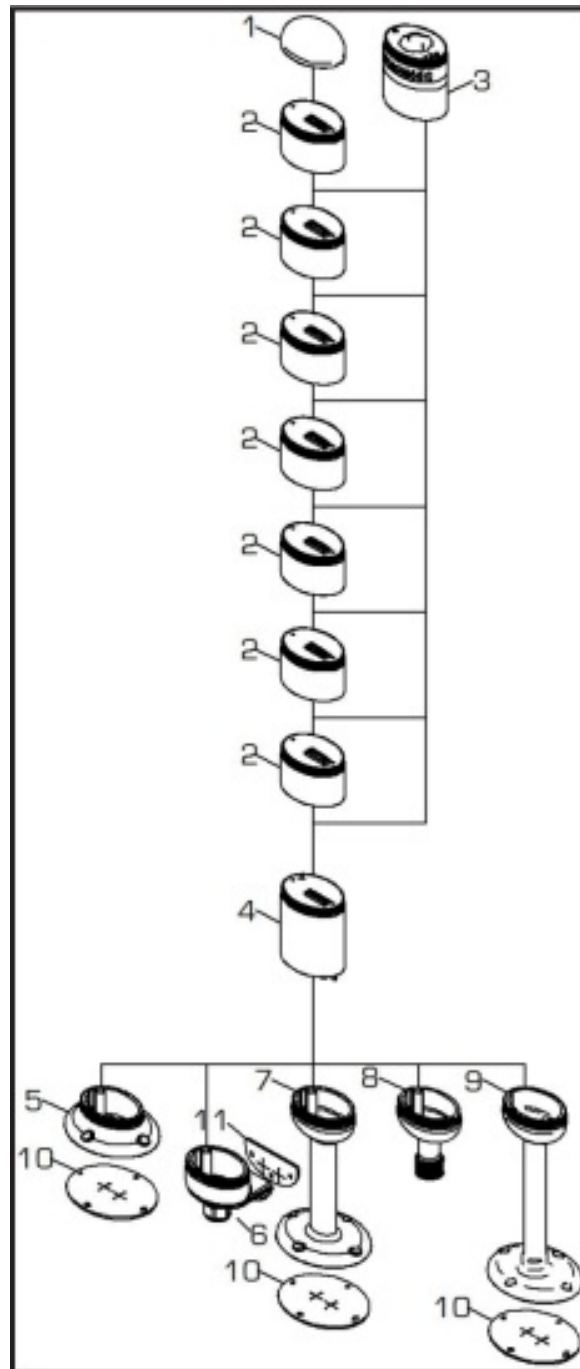
1. COVER TAPA COUVERCLE
2. RSL-LMS
   RSL-LMB
   RSL-LMM
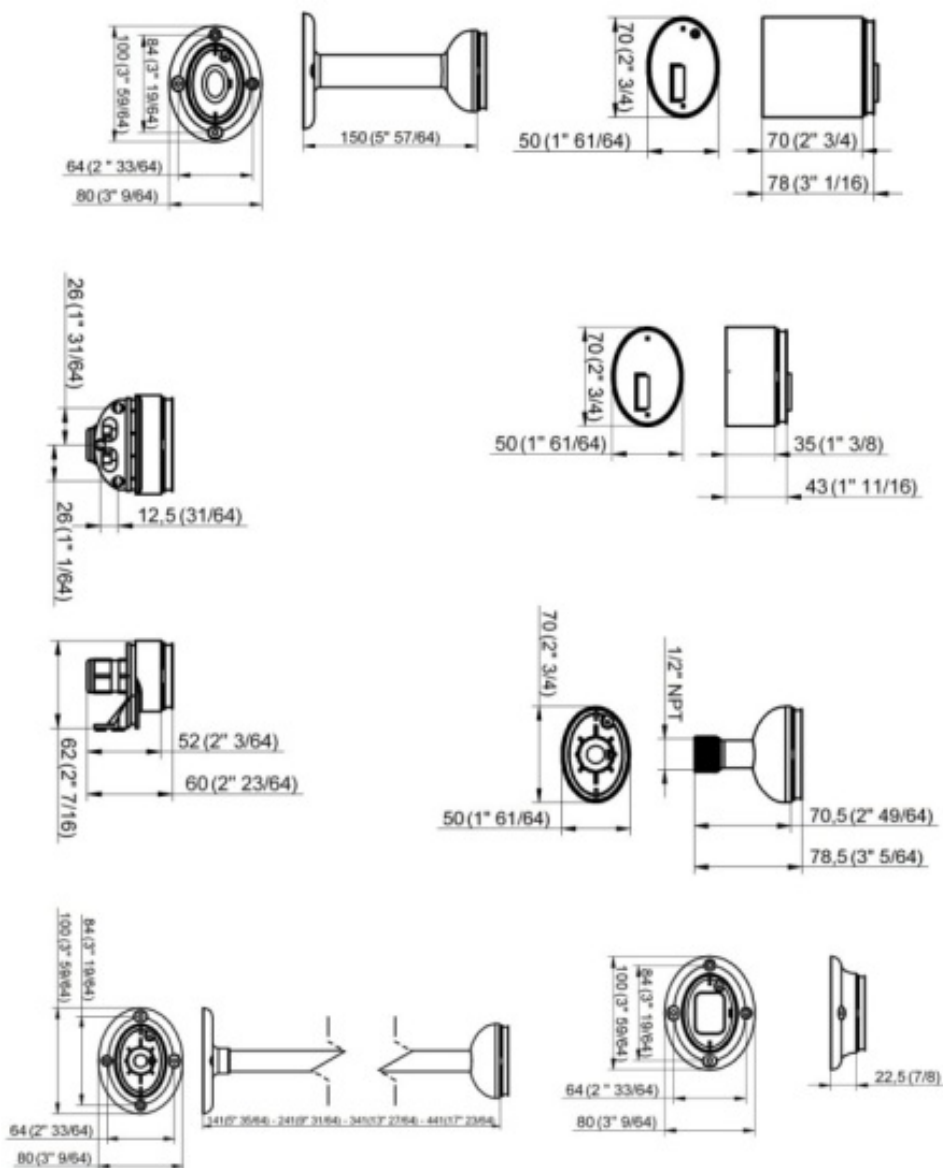   RSL-LM-RGB

3. RSL-SM

   RSL-SMM

4. RSL-WML

   RSL-WMLM

   RSL-WMH

   RSL-WMHM

5. RSL BASE FLAT

6. RSL BASE WALL

7. RSL BASE EXTENDED

8. RSL BASE POLE

9. RSL BASE TUBE

10. GASKET

    JUNTA

    JOINT

11. GASKET

    JUNTA

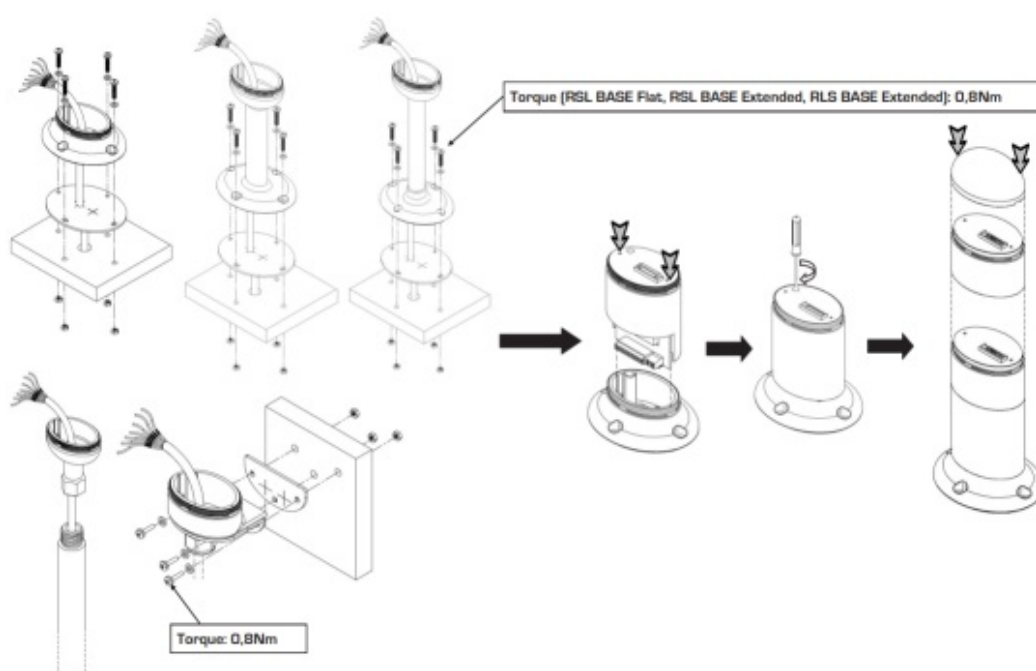   JOINT

Contents

DIMENSIONS

INSTALLATION

For installation of the item according to Type 4X, use PA 6.6 washers and AISI 304 steel screws.

ELECTRICAL WIRING

Wiring diagram

⚠ ENSURE THAT THE POWER SUPPLY VOLTAGE OF THE MODULE IS THE SAME AS THAT OF THE NETWORK!
– INSTALLATION MUST BE MADE BY TRAINED PERSONNEL.
ON THE POWER SUPPLY LINE USE APPROPRIATE TIME-LAG FUSES ACCORDING TO THE VOLTAGE.
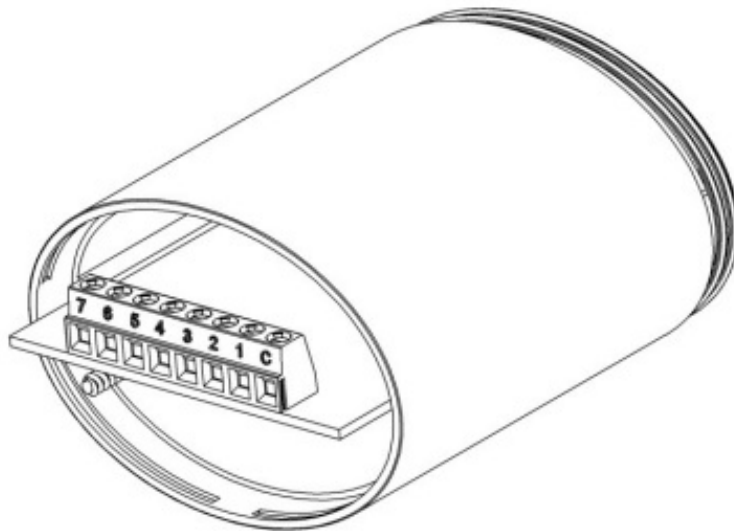– IT IS POSSIBLE TO CONNECT TOGETHER UP TO MAX 5 WIRING BASES
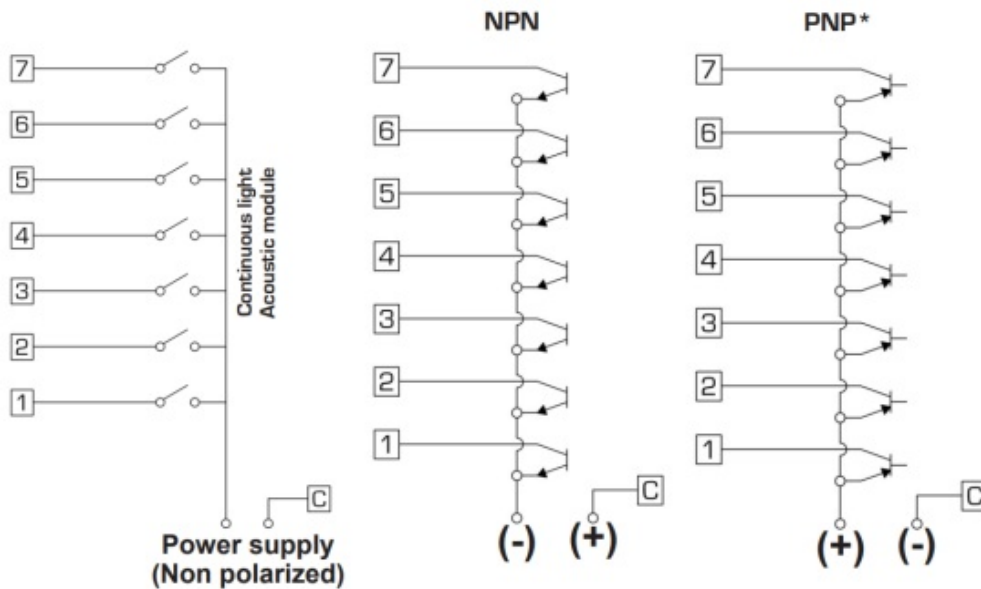The recommended section of the power supply cable is 0,5 mm
AWG range: 14 – 30 SOL and STR or equivalent
For devices rated 12-24 Vac/Vdc only: Power supply shall be connected to a "Class 2" or "Limited Voltage Limited Current (LVLC)" source only
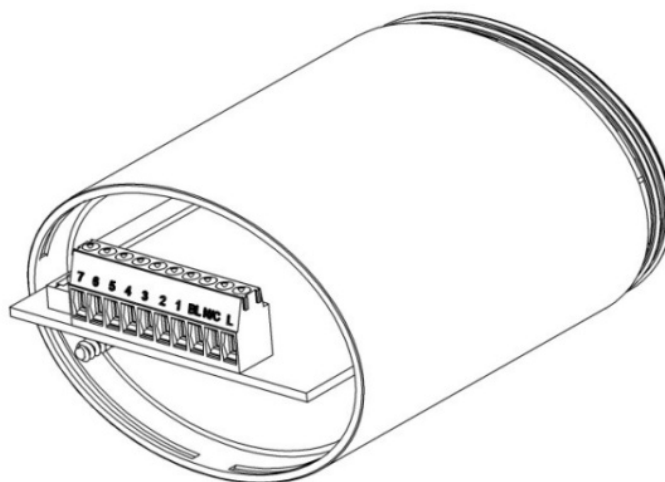**RSL-WML – 24V ACDC**
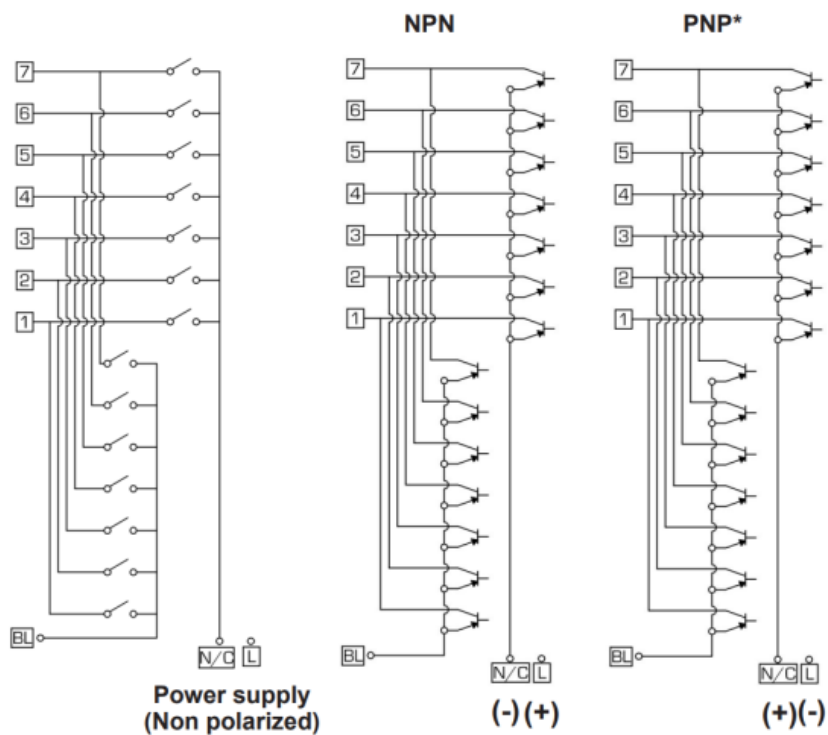

*Not available for the RSL-LM-RGB version
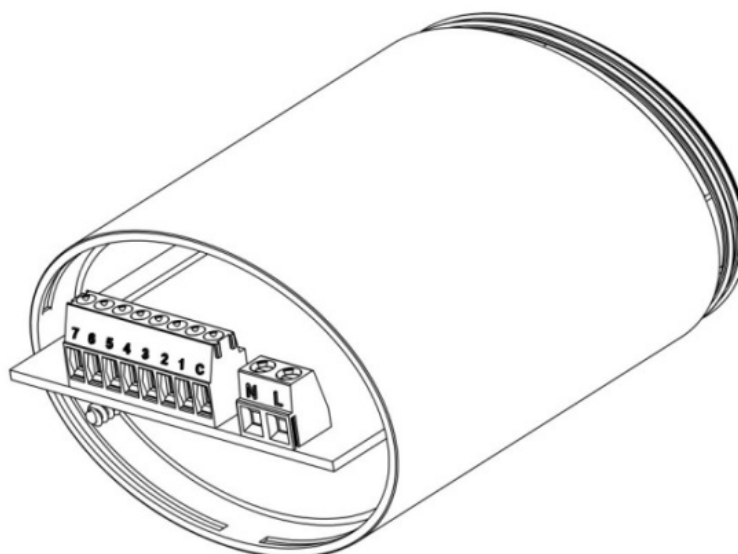

RSL-WMLM – 24V ACDC

BL: Flashing Light – Only for RSL-LMS, RSL-LMB and RSL-LM- RGB set to Steady-ON
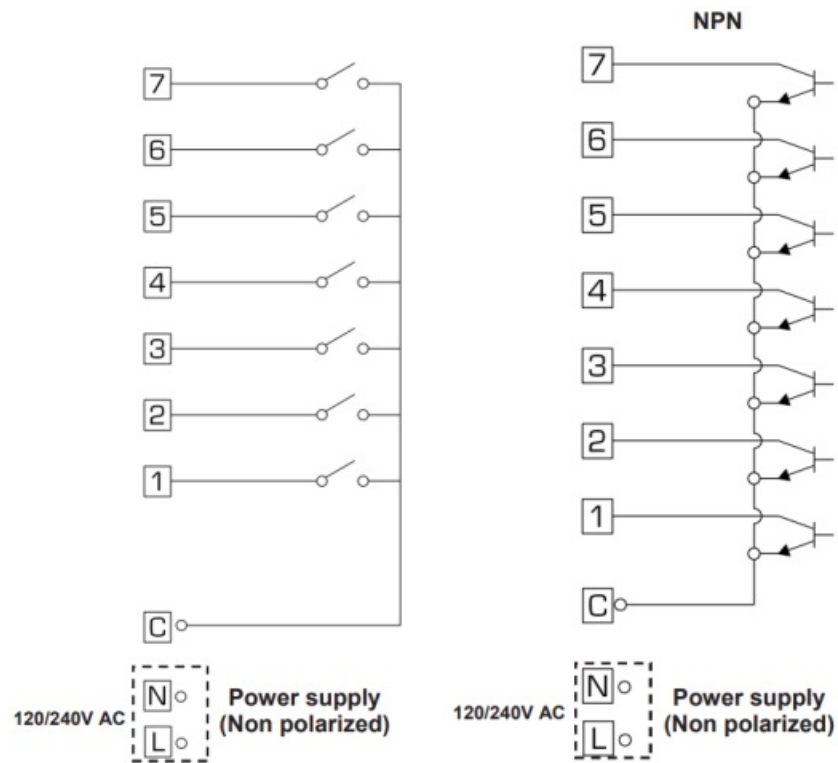N/C: Continuous light – Acoustic module
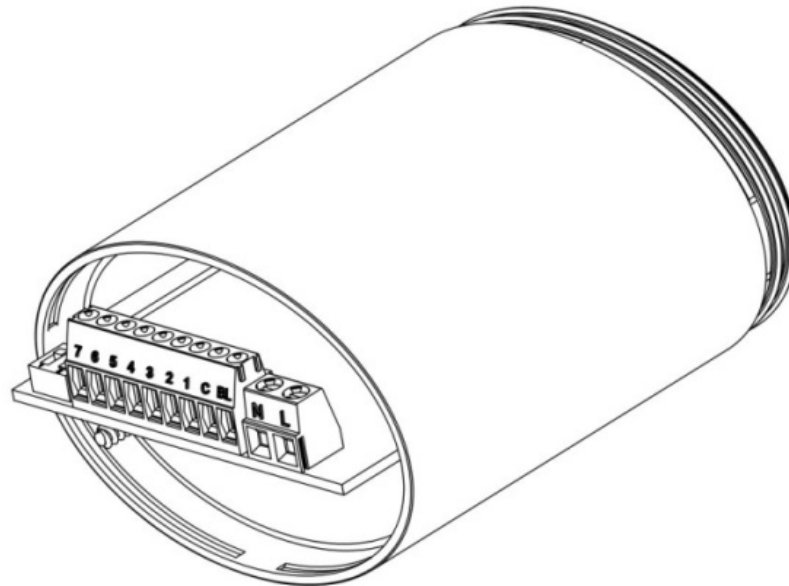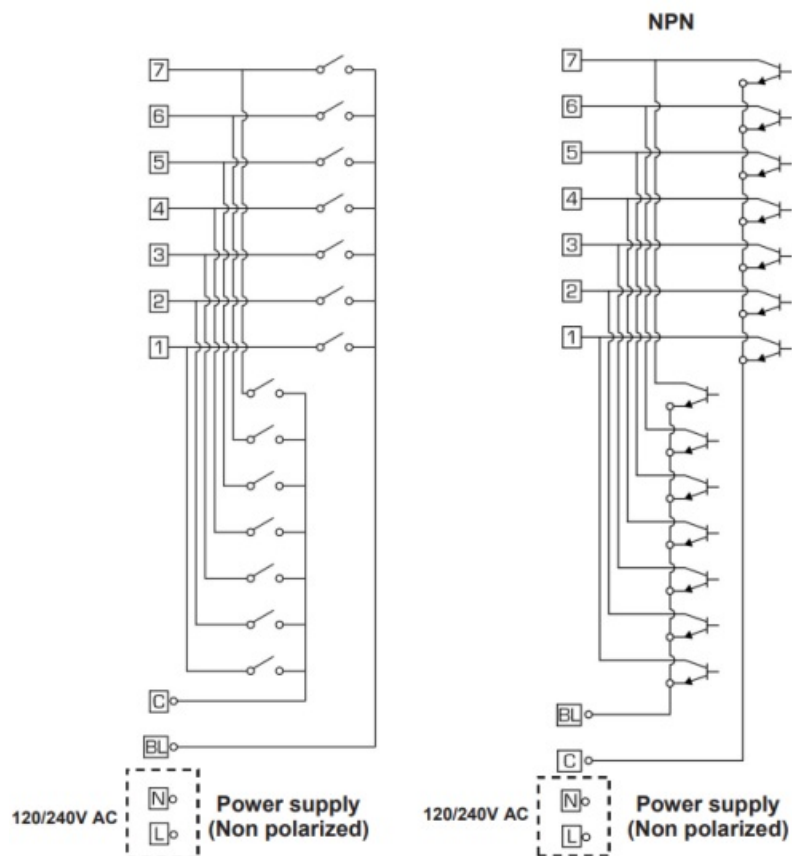*Not available for the RSL-LM-RGB version

NPN

PNP*

Power supply
(Non polarized)

(-) (+)

(+)(-)

RSL-WMH – 120/240V AC

The recommended section of the power supply cable is 0,5 mm

NPN

RSL-WMHM – 120/240V AC

BL: Flashing Light – Only for RSL-LMS, RSL-LMB and RSL-LM- RGB set to Steady-ON
C: Continuous light – Acoustic module

NPN

RSL-LM-RGB

ATTENTION: The RSL-LM-RGB module occupies 3 of the 7 channels on the terminal of the RSL base

	Red	Green	Blue	Violet	Yellow	Cyan	White
CH1	X			X	X		X
CH2		X		X		X	X
CH3			X		X	X	X

ATTENTION: RSL-LM-RGB with RSL-WML and RSL-WMLM works only in NPN mode

INDICATIONS TO CHANGE THE FLASHING MODE

⚠ DISCONNECTED POWER SUPPLY BEFORE MAKING ANY INTERVENTION ON THE DEVICE

RSL-WMLM   RSL-WMHM   RSL-LMM
                                    RSL-LM-RGB

	ON ▮▮ 1 2	ON ▮▮ 1 2	ON ▮▮ 1 2	ON ▮▮ 1 2
	OFF-OFF	ON-OFF	OFF-ON	ON-ON
RSL-WMLM	1 FLASH	2 FLASH	3 FLASH	5 FLASH
RSL-WMHM	1 FLASH	2 FLASH	3 FLASH	5 FLASH
RSL-LMM	2 FLASH	3 FLASH	5 FLASH	RANDOM
RSL-LM-RGB	STEADY	1 FLASH	3FLASH	RANDOM

CURRENT CONSUMPTION

RSL-LMS

	24V ▬▬	24V ∿	120V ∿	240V ∿
RSL-WM* (mA)	35	75	30	25
RSL-WM*M (mA)	50	110	30	25

RSL-LMB

	24V ▬▬	24V ∿	120V ∿	240V ∿
RSL-WM* (mA)	50	60	35	25
RSL-WM*M (mA)	70	100	35	25

RSL-LMM

	24V ▬▬	24V ∿	120V ∿	240V ∿
RSL-WM* (mA)	60	100	35	25

RSL-LM-RGB

	24V ▬▬	24V ∿	120V ∿	240V ∿
RSL-WM* (mA)	220	400	90	50

* indicates voltage: (L) 12.24VAC/DC, (H) 120-240VAC

ATTENTION

ATTENTION	To facilitate assembly, use only silicone lubricants
ATTENTION	The possibility exists that rapid flashing lights, under certain circumstances, might induce photosensitive epilepsy

NOT TO BE DISPOSED OF AS COMMON WASTE

RSL

2645 Federal Signal Drive University
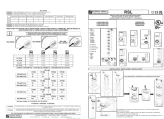**Park, IL 60484 United States**
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Documents / Resources

	RSL RSL Series Radiant Stack Light [pdf] Installation Guide RSL-WML, RSL-WMLM, RSL-WMH, RSL-WMHM, RSL Series Radiant Stack Light, RSL Series, Radiant Stack Light, Stack Light, Light

References

- **User Manual**