

Literature APPLICATION Guide

30mm Stack Light with Sound



KEY FEATURES:

- 1 to 3 Stacks (Red, Yellow, Green)
- State-of-the-Art Brilliant LED's
- 9 to 16 Vdc or 24 Vac/dc
- Direct Mount or 4" Pole
- Small Enough to be Mounted Directly on Top of the Control Box
- cUL Approved; NEMA 12; IP-52
- Seven Different Sounds Available:
 - Continuous, Chime, Fast Pulse, Medium Pulse, Slow Pulse, Fast Double Pulse, Slow Double Pulse
- Option to have the sound change after 15 sec to a short pulse sound
- Bare wires or Molex Connector

SPECIFICATIONS:

Voltage Rating: 12 Vdc (9 to 16 Vdc)
24 Vac/dc (20 to 28 Vac/dc)

Loud Sound Level: 80 to 90 dB Typ @ 1 Meter

Med Sound Level: 70 to 80 dB Typ @ 1 Meter

Sound Frequency: 3900 Hz

Sound Current: 40 mA max

Operating Temp: -30 to 60 °C

Storage Temp: -40 to 70 °C

cUL File No.: NKCR8.E478987

UL File No.: NKCR2.E478987

Stack Light Shape: Round

Lens Color: Opaque White

LED Colors: Red; Yellow; Green

LED Current: 25 to 60 mA per Stack

Termination: 24 AWG Wires- 12 inches or Molex Micro-Fit 3.0 Connector

Direct Mount Option: 22.5 mm Threads & Nut

Pole Mount Option: 4" Black Plastic Pole (22.5mm Threads & Nut)

Case Material: 6/6 Nylon (UL-94HB)

NEMA & IP Rating: NEMA 12; IP-52

Part Number Structure

JR 28 - RYG - 4 L CT1 15 - MX

Series: JR = 30mm Round Stacklight

Maximum Voltage:

16 = 9 to 16 Vdc; 28 = 20 to 28 Vac/dc

Stack Colors:

R = Red; Y = Yellow/Amber; G = Green

Mounting Type:

D = Direct; 4 = 4 inch Black Plastic Pole

Sound Loudness (Typical @ 1 Meter):

L = Loud (80 to 85 dB); M = Medium (70 to 75 dB)

Sound Function:

CT1 = Continuous; CM1 = Chime; FP1 = Fast Pulse;

DP2 = Fast Double Pulse; DP3 = Slow Double Pulse

MP1 = Medium Pulse; SP1 = Slow Pulse

Optional Sound Off After 15 Seconds:

Blank = Sound stays on

15 = After 15 sec, sound changes to a short pulse sound (one time per sec).

Termination

MX = Molex Connector (P/N 43025-0600); Blank = Bare Wires

Note: For Stacklights with the Molex Connector, Use Mating Connector P/N 43020-0601

Sound Types

- Continuous Tone: Constant tone until power is removed
- Chime Tone: Repeating chime sound at one chime every 3 seconds
- Fast Pulse Tone: 10 pulses per second
- Fast Double Pulse Tone: 1 double beep every half second
- Slow Double Pulse Tone: 1 double beep every 2 seconds
- Medium Pulse Tone: 5 pulses per second
- Slow Pulse Tone: 1 pulse per second
- Note: Adding a "15" after the sound type means that after 15 seconds, the sound will change to a short pulse sound which sounds one time per second.

Physical Height Chart (inches):

# Stacks	Direct Mount	4" Pipe
1	0.524" (13.3mm)	4.524" (114.9mm)
2	0.924" (23.5mm)	4.924" (125.1mm)
3	1.234" (33.6mm)	5.234" (135.2mm)

Call 317-612-1000 or Visit www.mallory-sonalert.com for More Details

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