

# Remote Area Lighting System (RALS)



## Characteristics

**Manufacturer:**

PD Power Systems, LLC

**Part No.:**

PDSYS-RALS-09 (GSA and DLA No.)

PDSYS-RALS-09-LED (GSA No.)

**NSN:**

6230-01-498-4223

**Dimensions:**

Length (in.): 85

Width (in.): 48

Height (in.): 48

Weight (lbs.): 1,500

Ship Volume (ft<sup>3</sup>): 112

## Capabilities and Features

The RALS is a self-contained, skid mounted, fully enclosed transportable area lighting system. The RALS takes a 3-phase, 120/208VAC input from a standard 60-amp MS90555 connector to supply up to thirteen included light fixtures. The RALS has a fixture that attaches to the main unit itself, and two separate loops for the remaining twelve fixtures. Each loop is comprised of two (2) 375-foot cable assemblies, with six (6) 150-watt, high pressure sodium, floodlight lighting fixtures per loop, or 120-watt, light-emitting diodes (LEDs), floodlight lighting fixtures per loop. The fixtures are extendable up to a 15-foot height and have anchor stakes for secure mounting. The RALS uses photocell light sensing for automatic day-night off-on operation with a manual override. The RALS conforms to NEC for outdoor use.



## Design and Construction

The RALS can be used in all military environments where area lighting is needed. The RALS set can be installed anywhere 3-phase, 120/208VAC is available. It can operate from -25F to 120F and meet all military requirements for humidity, sand, dust, salt spray, fungus, and altitude. The RALS has built in forklift provisions for transporting.

### RALS Enclosure Set

Input Voltage:	120/208VAC
Input Phase:	3-phase
Frequency:	50/60Hz
Input Amps:	60
Cable Loop Length:	375 ft.
Cable Loop Count:	4
Fixture Interval:	125 ft.
Operation:	Auto Photocell Sensing

### Lighting

Bulbtype:	High Pressure Sodium	LED
Style:	Floodlight	Floodlight
Lumens:	16,000	16,000
Wattage:	150	120
Fixture Count:	13	13
Fixture Height:	15 ft.	15 ft.



For more information or for pricing, please email [sales@pdpowersystems.com](mailto:sales@pdpowersystems.com) or call 1-866-460-7377.