LED ENGINE 2.75W 425 LUMEN

LDN-01NS-81-00 (10-30VDC)

Lunasea LED Light Engine. Offering bright light output with a color rendering of >80 CRI. Beam angle of 120 degree great for area lighting. 12 & 24VDC applications. Circuitry has EMI suppression and surge protection. On/off switch returns to same state when power is reapplied. Does not require a heatsink.

- Small Size 117mm (4.6") L x 30.5mm (1.2")W
- Reverse Polarity Protection
- 40V Surge Supression
- On-Board Micro-controller
- 36 LEDs, single LED burn out protection
- On-Board Thermal Regulation
- Constant Current Buck Regulation
- Not Dimmable

PCB FR4 multi-layer, White

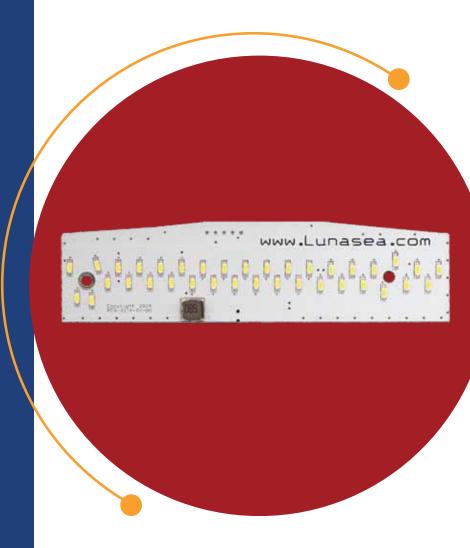
Power: White 2.75 Watt - 12VDC @0.25A

Voltage 10-30VDC

Output: 425 Lumen >80CRI

Dimensions: 117mm (4.6") L x 39.5mm (1.2") W





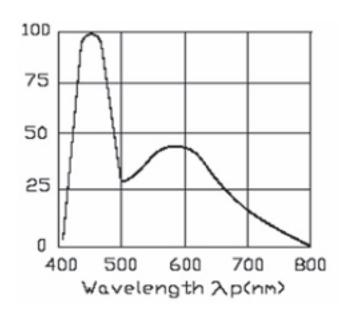
LDN-01NS-81-00 Natural White (4000K)

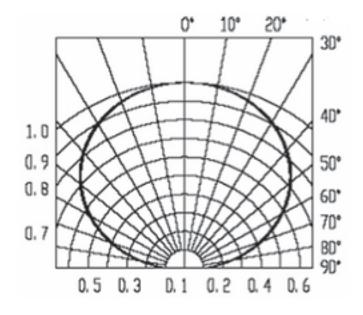
Typical Characteristics Graphs



Spectrum Distribution

CCT: 4000K (80 CRI)





Electrical

LDN-01NS-81-00

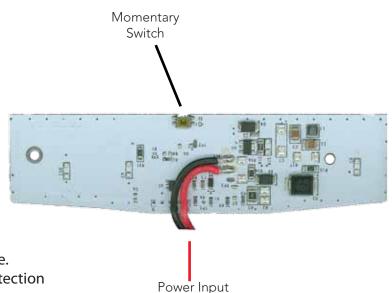
Two Wire

Red: Postive Black: Ground

Small Footprint 4.6 x 1.2 inches
Standard FR4 PCB - White
Reverse polarity protection. Causes no damage.
36 LEDs 12 x 3 matrix. single LED burn out protection
40 Volts surge supressions
On-board micro-controller
small tect-switch - on/off
Default to on after power failure
12 V @ 0.200 Amps

24 V @ 0.110 Amps Min Functional Voltage 9.5Vdc Maximum Functional Voltage 36Vdc A/C Voltage - No PWM Digital Dimmable - NO

Light Weight



Mechanical Dimensions



