

# LEDSS® HIGH POWER SCREW-BASED LED LAMP



Screw-based lamp to replace HID, HPS or MH lamps available in either Medium or Mogul bases. Extremely efficient at >130LPW. Can be used in any orientation. 360 degree delivery of light output. Internal driver connects directly to line voltage without any ballast.

PROJECT NAME

PART NUMBER

## PART NUMBER BUILDER

| MANUFACTURER | MODEL NUMBER | LUMENS  | COLOR TEMPERATURE   | BASE TYPE                   |
|--------------|--------------|---|---------------------|-----------------------------|
| RPT          | LEDSS        | 1300LM<br>1700LM<br>2500LM<br>4000LM<br>5600LM<br>12000LM<br>15000LM<br>19000LM | 4000K<br><br>3000K* | E26 (EDISON)<br>E39 (MOGUL) |

**ORDERING EXAMPLE**  
RPT-LEDSS-1300LM-4000K-E26

\*Special order

## INSTALLATION GUIDE

- 1 Disconnect power at panel & remove fixture lens.
- 2 Bypass existing HID ballast. Connect lamp-holder directly to 120-277 AC line voltage.
- 3 Screw in LEDSS lamp.
- 4 Replace fixture lens and turn on power.

Simplified instructions. Reference full installation guide for more details. Only qualified personnel should perform installation.

## QUICK SPECS DIMENSIONS

|                  |                             |
|------------------|-----------------------------|
| INPUT VOLTAGE    | 100-277V AC                 |
| EFFICACY         | >130 lumens/watt            |
| OPERATING TEMP   | -30°C to 65°C               |
| MAX CASE TEMP    | 65°C                        |
| POWER FACTOR/THD | >0.90 Power Factor, THD<10% |
| CRI              | 80+                         |
| WARRANTY         | 5 years                     |

**CERTIFICATIONS**

**PERFORMANCE LISTINGS** LM79/LM80 Available

| DIMENSIONS (INCHES) | A   | B    | C    |
|---------------------|-----|------|------|
| RPT-LEDSS1300LM     | 2.8 | 2.8  | 6.4  |
| RPT-LEDSS1700LM     | 3.2 | 2.8  | 6.8  |
| RPT-LEDSS 2500LM    | 3.7 | 4.0  | 8.0  |
| RPT-LEDSS 4000LM    | 3.7 | 5.0  | 9.2  |
| RPT-LEDSS 5600LM    | 3.7 | 6.0  | 10.0 |
| RPT-LEDSS 12000LM   | 5.5 | 8.2  | 11.2 |
| RPT-LEDSS 15000LM   | 5.5 | 9.4  | 12.4 |
| RPT-LEDSS 19000LM   | 5.5 | 10.5 | 13.5 |

\* Max ambient temperature is 65C (150F). If used in a fully enclosed fixture, customer is responsible for proper thermal testing prior to use, otherwise RemPhos warranty is void.

May be protected under the following US patents  
US 8,106569 | US 8,882,298 | Additional patents pending.

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## ORDERING GUIDE

| QUICK SHIP | DLC E* | PART #                      | LUMEN OUTPUT (LM) | WATTAGE (W) | CCT (K) | VOLTAGE RANGE (V AC) | WARRANTY (YRS) | TRADITIONAL EQUIVALENT | WATTS SAVED (W) |
|------------|--------|-----------------------------|-------------------|-------------|---------|----------------------|----------------|------------------------|-----------------|
|            |        | RPT-LEDSS-1300LM-4000K-E26  | 1300              | 12          | 4000    | 120-277              | 5              | 50-70W HID             | 38-58           |
| X          |        | RPT-LEDSS-1700LM-4000K-E26  | 1700              | 16          | 4000    | 120-277              | 5              | 100W HID               | 84              |
| X          |        | RPT-LEDSS-2500LM-4000K-E26  | 2500              | 24          | 4000    | 120-277              | 5              | 100-150W HID           | 76-125          |
|            |        | RPT-LEDSS-2500LM-4000K-E39  | 2500              | 24          | 4000    | 120-277              | 5              | 100-150W HID           | 76-125          |
|            |        | RPT-LEDSS-4000LM-4000K-E26  | 4000              | 27          | 4000    | 120-277              | 5              | 150-200W HID           | 123-164         |
| X          |        | RPT-LEDSS-4000LM-4000K-E39  | 4000              | 27          | 4000    | 120-277              | 5              | 150-200W HID           | 123-164         |
|            |        | RPT-LEDSS-5600LM-4000K-E26  | 5600              | 45          | 4000    | 120-277              | 5              | 250W HID               | 205             |
|            |        | RPT-LEDSS-5600LM-4000K-E39  | 5600              | 45          | 4000    | 120-277              | 5              | 250W HID               | 205             |
|            |        | RPT-LEDSS-12000LM-4000K-E39 | 12000             | 80          | 4000    | 120-277              | 5              | 360W HID               | 280             |
|            |        | RPT-LEDSS-15000LM-4000K-E39 | 15000             | 100         | 4000    | 120-277              | 5              | 400W HID               | 300             |
|            |        | RPT-LEDSS-19000LM-4000K-E39 | 19000             | 125         | 4000    | 120-277              | 5              | 400W HID               | 275             |

## WATERPROOF



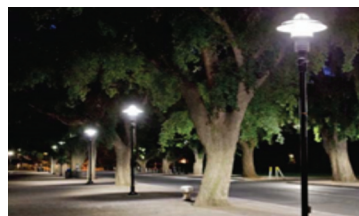
The LEDSS is UL Listed for use indoor or outdoor, and has a waterproof IP64 rating.

## UL 1993 MAXIMUM WEIGHT RATINGS

| BASE         | MAXIMUM WEIGHT |
|--------------|----------------|
| E26 (MEDIUM) | 2.5lb          |
| E39 (MOGUL)  | 3.75lb         |

| ACTUAL WEIGHTS OF THE REMPHOS LEDSS FAMILY |        |                |                |
|--|--------|----------------|----------------|
| PRODUCT                                    | WEIGHT | PASS/E26 BASE? | PASS/E39 BASE? |
| LEDSS-1300LM                               | 0.9lb  | YES            | YES            |
| LEDSS-1700LM                               | 1.2lb  | YES            | YES            |
| LEDSS-2500LM                               | 1.4lb  | YES            | YES            |
| LEDSS-4000LM                               | 1.65lb | YES            | YES            |
| LEDSS-5600LM                               | 1.95lb | YES            | YES            |
| LEDSS-12000LM                              | 2.84lb | NO             | YES            |
| LEDSS-15000LM                              | 3.13lb | NO             | YES            |
| LEDSS-19000LM                              | 3.35lb | NO             | YES            |

## EXAMPLE INSTALLATIONS



Printed on paper that is FSC® Certified, SFI® Certified Sourcing and Rainforest Alliance Certified™. 10% post consumer recycled content and certified fiber, it's the optimal environmental choice, because RemPhos cares.

**RemPhos**  
TECHNOLOGIES