

# DesignLights Consortium



|                        |  |
|------------------------|--|
| Model Number           | LT810850SEDET                                  |
| Classification         | Standard                                       |
| Primary Use            | Internal Driver/Line Voltage (UL Type B) Lamps |
| Reported Input Wattage | 10.5 W   |
| Reported Light Output  | 1700 lm  |
| Reported CCT           | 5000 K   |
| Reported CRI (Ra)      | 82   |
| Product ID             | S-YP0K23                                       |
| DLC Family Code        | <a href="#">XXXFPR</a>                         |
| Listing Status         | Listed   |
| Date Qualified         | 2024-06-11                                     |

## PRODUCT INFORMATION VIEW DETAILS

|                                |                      |
|--------------------------------|----------------------|
| Qualified Product List         | Solid State Lighting |
| Technical Requirements Version | 5.1                  |
| Product ID                     | S-YP0K23             |
| Manufacturer                   | EarthTronics Inc.    |
| Brand                          | EarthTronics         |
| Model Number                   | LT810850SEDET        |
| Parent                         | Yes                  |
| Classification                 | Standard             |
| DLC Family Code                | XXXFPR               |
| Length                         | 4.0 ft               |
| Input Power Type               | AC                   |

## PRODUCT CATEGORIZATION VIEW DETAILS

|                         |  |
|-------------------------|--|
| Category                | Linear Replacement Lamp                        |
| General Application     | T8 Four-Foot                                   |
| Primary Use Designation | Internal Driver/Line Voltage (UL Type B) Lamps |

## CONTROL FEATURES VIEW DETAILS

|  |                              |
|--|------------------------------|
| Integral Controls                      | No                           |
| Dimming Capability and Range           | Continuous Dimming above 10% |
| Integral Control Capability            | No                           |
| Sensor Type                            | No                           |
| SSL V5 Wired Communication Protocol    | Phase Cut                    |
| SSL V5 Wireless Communication Protocol | No                           |
| Field Adjustable Light Output          | No                           |
| White-Tunable                          | No                           |
| Warm-Dimming                           | No                           |
| Field Adjustable Light Distribution    | No                           |

## REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

|                               |          |
|-------------------------------|----------|
| Reported Beam Angle           | 300 °    |
| Reported Light Output         | 1700 lm  |
| Reported Efficacy (AC)        | 161 lm/W |
| Reported CCT                  | 5000 K   |
| Reported CRI (Ra)             | 82       |
| Reported R9                   | 0        |
| Reported IES Rf               | 70       |
| Reported IES Rg               | 89       |
| Reported IES Rcs,h1           | -11      |
| Reported Default Light Output | 1700 lm  |

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

|                                    |           |
|------------------------------------|-----------|
| Reported Input Wattage             | 10.5 W    |
| Reported Total Harmonic Distortion | 20 %      |
| Reported Power Factor              | 0.9       |
| Reported Default Input Wattage     | 10.5 W    |
| Voltage Range                      | 120-277 V |

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

|                                     |            |
|-------------------------------------|------------|
| Tested Voltage for Minimum Efficacy | 277        |
| Tested Light Output                 | 1756 lm    |
| Tested Efficacy (AC)                | 168.4 lm/W |
| Tested CCT                          | 4970 K     |
| Tested CRI (Ra)                     | 82         |
| Tested R9                           | 9          |

|                   |        |
|-------------------|--------|
| Tested IES Rf     | 83     |
| Tested IES Rg     | 96     |
| Tested IES Rcs,h1 | -12 %  |
| Tested Duv        | 0.0022 |

### TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

|                                  |        |
|----------------------------------|--------|
| Tested Input Wattage             | 10.4 W |
| Tested Total Harmonic Distortion | 20.1 % |
| Tested Power Factor              | 0.91   |

### VERSION HISTORY VIEW DETAILS

|            |        |     |          |
|------------|--------|-----|----------|
| 2024-06-11 | Listed | 5.1 | Standard |
|------------|--------|-----|----------|

Product Images shown may not represent all capabilities or aesthetic options available for the associated model number