

# DesignLights Consortium



|                        |   |
|------------------------|---|
| Model Number           | PLTSU11111  |
| Classification         | Premium   |
| Primary Use            | High-Bay Luminaires for Commercial and Industrial Buildings |
| Reported Input Wattage | 100 W   |
| Reported Light Output  | 16000 lm  |
| Reported CCT           | 4000 K  |
| Reported CRI (Ra)      | 81  |
| Product ID             | S-2M7G28  |
| DLC Family Code        | <a href="#">EMWBZM</a>                                      |
| Listing Status         | Listed  |
| Date Qualified         | 2024-12-13  |

## PRODUCT INFORMATION VIEW DETAILS

|                                |                                       |
|--------------------------------|---------------------------------------|
| Qualified Product List         | Solid State Lighting                  |
| Technical Requirements Version | 5.1                                   |
| Product ID                     | S-2M7G28                              |
| Manufacturer                   | Precision Lighting & Transformer, Inc |
| Brand                          | PLT                                   |
| Model Number                   | PLTSU11111                            |
| Parent                         | Yes                                   |
| Classification                 | Premium                               |
| DLC Family Code                | EMWBZM                                |
| Input Power Type               | AC                                    |

## PRODUCT CATEGORIZATION VIEW DETAILS

|                         |   |
|-------------------------|---|
| Category                | Indoor Luminaires   |
| General Application     | High-Bay  |
| Primary Use Designation | High-Bay Luminaires for Commercial and Industrial Buildings |

## CONTROL FEATURES VIEW DETAILS

|  |                                    |
|--|------------------------------------|
| Integral Controls                      | No                                 |
| Dimming Capability and Range           | Continuous Dimming to 10% or below |
| Integral Control Capability            | No                                 |
| Sensor Type                            | No                                 |
| SSL V5 Wired Communication Protocol    | 0-10V Analog                       |
| SSL V5 Wireless Communication Protocol | No                                 |
| Field Adjustable Light Output          | Yes                                |
| White-Tunable                          | Yes                                |
| Warm-Dimming                           | No                                 |
| Field Adjustable Light Distribution    | No                                 |

## REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

|                               |          |
|-------------------------------|----------|
| Reported Light Output         | 16000 lm |
| Reported Efficacy (AC)        | 160 lm/W |
| Reported CCT                  | 4000 K   |
| Reported CRI (Ra)             | 81       |
| Reported R9                   | -5       |
| Reported IES Rf               | 82       |
| Reported IES Rg               | 92       |
| Reported IES Rcs,h1           | -14      |
| Reported Minimum Light Output | 10400 lm |
| Reported Maximum Light Output | 16000 lm |
| Reported Minimum CCT          | 4000 K   |
| Reported Maximum CCT          | 5700 K   |
| Reported Default Light Output | 16000 lm |

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

|                                    |           |
|------------------------------------|-----------|
| Reported Input Wattage             | 100 W     |
| Reported Total Harmonic Distortion | 20 %      |
| Reported Power Factor              | 0.9       |
| Reported Minimum Input Wattage     | 65 W      |
| Reported Maximum Input Wattage     | 100       |
| Reported Default Input Wattage     | 100 W     |
| Voltage Range                      | 120-277 V |

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

|                                     |             |
|-------------------------------------|-------------|
| Tested Voltage for Minimum Efficacy | 120         |
| Tested Light Output                 | 15461 lm    |
| Tested Efficacy (AC)                | 155.12 lm/W |
| Tested CCT                          | 4194 K      |
| Tested CRI (Ra)                     | 81          |
| Tested R9                           | -5          |
| Tested IES Rf                       | 82          |
| Tested IES Rg                       | 92          |
| Tested IES Rcs,h1                   | -14 %       |
| Tested Duv                          | 0.0007      |

### TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

|                                  |        |
|----------------------------------|--------|
| Tested Input Wattage             | 99.7 W |
| Tested Total Harmonic Distortion | 6.9 %  |
| Tested Power Factor              | 0.936  |

### VERSION HISTORY VIEW DETAILS

|            |        |     |         |
|------------|--------|-----|---------|
| 2024-12-13 | Listed | 5.1 | Premium |
|------------|--------|-----|---------|