

# DesignLights Consortium



|                        |   |
|------------------------|---|
| Classification         | Premium   |
| Primary Use            | High-Bay Luminaires for Commercial and Industrial Buildings |
| Reported Input Wattage | 210 W   |
| Reported Light Output  | 28560 lm  |
| Reported CCT           | 5000 K  |
| Reported CRI (Ra)      | 80  |
| Product ID             | S-PDH9TV  |
| DLC Family Code        | <a href="#">EMWBFF</a>                                      |
| Listing Status         | Listed  |
| Date Qualified         | 2023-08-21  |

## PRODUCT INFORMATION VIEW DETAILS

|                                |                                       |
|--------------------------------|---------------------------------------|
| Qualified Product List         | Solid State Lighting                  |
| Technical Requirements Version | 5.1                                   |
| Product ID                     | S-PDH9TV                              |
| Manufacturer                   | Precision Lighting & Transformer, Inc |
| Brand                          | PLT                                   |
| Model Number                   | PLTM168512                            |
| Parent                         | Yes                                   |
| Classification                 | Premium                               |
| DLC Family Code                | EMWBFF                                |
| 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 | Yes |
|-------------------|-----|

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

## REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

|                               |          |
|-------------------------------|----------|
| Reported Light Output         | 28560 lm |
| Reported Efficacy (AC)        | 136 lm/W |
| Reported CCT                  | 5000 K   |
| Reported CRI (Ra)             | 80       |
| Reported R9                   | -12      |
| Reported IES Rf               | 81       |
| Reported IES Rg               | 92       |
| Reported IES Rcs,h1           | -15      |
| Reported Default Light Output | 28560 lm |

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

|                                    |           |
|------------------------------------|-----------|
| Reported Input Wattage             | 210 W     |
| Reported Total Harmonic Distortion | 8.3 %     |
| Reported Power Factor              | 0.976     |
| Reported Default Input Wattage     | 210 W     |
| Voltage Range                      | 120-277 V |

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

|                      |             |
|----------------------|-------------|
| Tested Light Output  | 27643 lm    |
| Tested Efficacy (AC) | 140.56 lm/W |
| Tested CCT           | 5111 K      |
| Tested CRI (Ra)      | 80          |
| Tested R9            | -12         |
| Tested IES Rf        | 81          |
| Tested IES Rg        | 92          |
| Tested IES Rcs,h1    | -16 %       |

|            |        |
|------------|--------|
| Tested Duv | 0.0027 |
|------------|--------|

### TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

|                                  |         |
|----------------------------------|---------|
| Tested Voltage                   | 120     |
| Tested Input Wattage             | 196.7 W |
| Tested Total Harmonic Distortion | 8.3 %   |
| Tested Power Factor              | 0.976   |

### PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

|           |                               |
|-----------|-------------------------------|
| SPDX File | <a href="#">Download File</a> |
|-----------|-------------------------------|

### VERSION HISTORY VIEW DETAILS

|            |        |     |         |
|------------|--------|-----|---------|
| 2023-08-21 | Listed | 5.1 | Premium |
|------------|--------|-----|---------|