

# DesignLights Consortium



|                        |                                  |
|------------------------|----------------------------------|
| Classification         | Standard                         |
| Primary Use            | Direct Linear Ambient Luminaires |
| Reported Input Wattage | 50 W                             |
| Reported Light Output  | 6000 lm                          |
| Reported CCT           | 3500 K                           |
| Reported CRI (Ra)      | 84                               |
| Product ID             | S-LMKTZB                         |
| DLC Family Code        | <a href="#">EMWBCM</a>           |
| Listing Status         | Listed                           |
| Date Qualified         | 2023-07-17                       |

## PRODUCT INFORMATION VIEW DETAILS

|                                |                                       |
|--------------------------------|---------------------------------------|
| Qualified Product List         | Solid State Lighting                  |
| Technical Requirements Version | 5.1                                   |
| Product ID                     | S-LMKTZB                              |
| Manufacturer                   | Precision Lighting & Transformer, Inc |
| Brand                          | PLT                                   |
| Model Number                   | PLTMA4232411                          |
| Parent                         | Yes                                   |
| Classification                 | Standard                              |
| DLC Family Code                | EMWBCM                                |
| Length                         | 4.0 ft                                |
| Input Power Type               | AC                                    |

## PRODUCT CATEGORIZATION VIEW DETAILS

|                         |                                  |
|-------------------------|----------------------------------|
| Category                | Indoor Luminaires                |
| General Application     | Linear Ambient                   |
| Primary Use Designation | Direct Linear Ambient Luminaires |

## PRODUCT CAPABILITIES VIEW DETAILS

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

## REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

|                               |          |
|-------------------------------|----------|
| Reported Light Output         | 6000 lm  |
| Reported Efficacy (AC)        | 120 lm/W |
| Reported CCT                  | 3500 K   |
| Reported CRI (Ra)             | 84       |
| Reported R9                   | 11       |
| Reported IES Rf               | 83       |
| Reported IES Rg               | 92       |
| Reported IES Rcs,h1           | -12      |
| Reported Minimum Light Output | 6000 lm  |
| Reported Maximum Light Output | 6250 lm  |
| Reported Minimum CCT          | 3500 K   |
| Reported Maximum CCT          | 5000 K   |
| Reported Default Light Output | 6000 lm  |

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

|                                    |           |
|------------------------------------|-----------|
| Reported Input Wattage             | 50 W      |
| Reported Total Harmonic Distortion | 6 %       |
| Reported Power Factor              | 0.953     |
| Reported Maximum Input Wattage     | 50        |
| Reported Default Input Wattage     | 50 W      |
| Voltage Range                      | 120-277 V |

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

|                      |             |
|----------------------|-------------|
| Tested Light Output  | 5742 lm     |
| Tested Efficacy (AC) | 117.15 lm/W |
| Tested CCT           | 3445 K      |
| Tested CRI (Ra)      | 83          |
| Tested R9            | 10          |
| Tested IES Rf        | 83          |
| Tested IES Rg        | 92          |
| Tested IES Rcs,h1    | -12 %       |
| Tested Duv           | -0.0002     |

## TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

|                                  |       |
|----------------------------------|-------|
| Tested Voltage                   | 120   |
| Tested Input Wattage             | 49 W  |
| Tested Total Harmonic Distortion | 6.8 % |
| Tested Power Factor              | 0.953 |

## PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

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

## VERSION HISTORY VIEW DETAILS

|            |        |     |          |
|------------|--------|-----|----------|
| 2023-07-17 | Listed | 5.1 | Standard |
|------------|--------|-----|----------|