

DesignLights Consortium



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|------------------------|----------------------------------|
| 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-PB90TY |
| DLC Family Code | EMWBCM |
| Listing Status | Listed |
| Date Qualified | 2023-07-17 |

PRODUCT INFORMATION VIEW DETAILS

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|--------------------------------|---------------------------------------|
| Qualified Product List | Solid State Lighting |
| Technical Requirements Version | 5.1 |
| Product ID | S-PB90TY |
| Manufacturer | Precision Lighting & Transformer, Inc |
| Brand | PLT |
| Model Number | PLTMA4232413 |
| Parent | No |
| Classification | Standard |
| DLC Family Code | EMWBCM |
| Length | 4.0 ft |
| Input Power Type | AC |

PRODUCT CATEGORIZATION VIEW DETAILS

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

PRODUCT CAPABILITIES VIEW DETAILS

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|--|------------------------------------|
| 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

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|-------------------------------|----------|
| 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

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|------------------------------------|-----------|
| 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 |

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

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|-----------|-------------------------------|
| SPDX File | Download File |
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VERSION HISTORY VIEW DETAILS

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