

# 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-PB90TY
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-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

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

## PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

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

## VERSION HISTORY VIEW DETAILS

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