

# DesignLights Consortium



Model Number	PLTM168512
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 Voltage for Minimum Efficacy	120
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 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>
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## VERSION HISTORY VIEW DETAILS

2023-08-21	Listed	5.1	Premium
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