

DesignLights Consortium



Model Number	PLTM179312
Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	300 W
Reported Light Output	40800 lm
Reported CCT	5000 K
Reported CRI (Ra)	80
Product ID	S-DX7T9M
DLC Family Code	EMWBKF
Listing Status	Listed
Date Qualified	2024-02-27

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-DX7T9M
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTM179312
Parent	Yes
Classification	Premium
DLC Family Code	EMWBKF
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	40800 lm
Reported Efficacy (AC)	136 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	80
Reported R9	-13
Reported IES Rf	81
Reported IES Rg	92
Reported IES Rcs,h1	-16
Reported Default Light Output	40800 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	300 W
Reported Total Harmonic Distortion	8.4 %
Reported Power Factor	0.981
Reported Default Input Wattage	300 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	40389 lm
Tested Efficacy (AC)	142.89 lm/W
Tested CCT	5191 K
Tested CRI (Ra)	80
Tested R9	-13
Tested IES Rf	81

Tested IES Rg	92
Tested IES Rcs,h1	-16 %
Tested Duv	0.0018

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	282.7 W
Tested Total Harmonic Distortion	3.5 %
Tested Power Factor	0.996

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
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VERSION HISTORY VIEW DETAILS

2024-02-27	Listed	5.1	Premium
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