

# DesignLights Consortium



Model Number	PLTMD4F142
Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	135 W
Reported Light Output	22005 lm
Reported CCT	3500 K
Reported CRI (Ra)	79
Product ID	S-FRVD7L
DLC Family Code	<a href="#">EMWBMK</a>
Listing Status	Listed
Date Qualified	2024-01-29

## PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-FRVD7L
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTMD4F142
Parent	Yes
Classification	Premium
DLC Family Code	EMWBMK
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	No
Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No
Sensor Type	No
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	No
Field Adjustable Light Output	Yes
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

## REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	22005 lm
Reported Efficacy (AC)	163 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	79
Reported R9	-9
Reported IES Rf	82
Reported IES Rg	94
Reported IES Rcs,h1	-14
Reported Minimum Light Output	16900 lm
Reported Maximum Light Output	22005 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	22005 lm

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	135 W
Reported Total Harmonic Distortion	8.3 %
Reported Power Factor	0.98
Reported Minimum Input Wattage	100 W
Reported Maximum Input Wattage	135
Reported Default Input Wattage	135 W
Voltage Range	120-277

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
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Tested Light Output	21494 lm
Tested Efficacy (AC)	166 lm/W
Tested CCT	3400 K
Tested CRI (Ra)	79
Tested R9	-9
Tested IES Rf	82
Tested IES Rg	94
Tested IES Rcs,h1	-14 %
Tested Duv	0.0016

## TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	129.5 W
Tested Total Harmonic Distortion	8.3 %
Tested Power Factor	0.98

## VERSION HISTORY VIEW DETAILS

2024-01-29	Listed	5.1	Premium
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