

# DesignLights Consortium



Model Number	PLTMD4G142
Classification	Standard
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	200 W
Reported Light Output	32000 lm
Reported CCT	3500 K
Reported CRI (Ra)	81
Product ID	S-7HD0N5
DLC Family Code	<a href="#">EMWBML</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-7HD0N5
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTMD4G142
Parent	Yes
Classification	Standard
DLC Family Code	EMWBML
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
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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	32000 lm
Reported Efficacy (AC)	160 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	81
Reported R9	-3
Reported IES Rf	83
Reported IES Rg	95
Reported IES Rcs,h1	-13
Reported Minimum Light Output	25730 lm
Reported Maximum Light Output	33000 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	32000 lm

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	200 W
Reported Total Harmonic Distortion	9.5 %
Reported Power Factor	0.971
Reported Minimum Input Wattage	155 W
Reported Maximum Input Wattage	200
Reported Default Input Wattage	200 W
Voltage Range	120-277

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	32020 lm

Tested Efficacy (AC)	161.32 lm/W
Tested CCT	3225 K
Tested CRI (Ra)	81
Tested R9	-3
Tested IES Rf	83
Tested IES Rg	95
Tested IES Rcs,h1	-13 %
Tested Duv	-0.0003

## TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	198.5 W
Tested Total Harmonic Distortion	9.5 %
Tested Power Factor	0.971

## VERSION HISTORY VIEW DETAILS

2024-01-29	Listed	5.1	Standard
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