

# DesignLights Consortium



Model Number	PLTM246142
Classification	Standard
Primary Use	Direct Linear Ambient Luminaires
Reported Input Wattage	34 W
Reported Light Output	4522 lm
Reported CCT	3500 K
Reported CRI (Ra)	82
Product ID	PSHY7UCM
DLC Family Code	<a href="#">EEEGKD</a>
Listing Status	Listed
Date Qualified	2021-09-03

## PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PSHY7UCM
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTM246142
Parent	Yes
Classification	Standard
DLC Family Code	EEEGKD
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

## 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	4522 lm
Reported Efficacy (AC)	133 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	82
Reported R9	9
Reported IES Rf	80
Reported IES Rg	90
Reported IES Rcs,h1	-12
Reported Minimum Light Output	3475 lm
Reported Maximum Light Output	4590 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	4522 lm

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	34 W
Reported Total Harmonic Distortion	10 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	25 W
Reported Maximum Input Wattage	34
Reported Default Input Wattage	34 W

Voltage Range	120-277 V
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## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	4532.61 lm
Tested Efficacy (AC)	137.39 lm/W
Tested CCT	3474 K
Tested CRI (Ra)	82
Tested R9	9
Tested IES Rf	84
Tested IES Rg	97
Tested IES Rcs,h1	-12 %
Tested Duv	0.0003

## TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	32.99 W
Tested Total Harmonic Distortion	5.8 %
Tested Power Factor	0.9559

## VERSION HISTORY VIEW DETAILS

2021-09-03	Listed	5.1	Standard
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