

DesignLights Consortium



Model Number	PLTMA8432413
Classification	Standard
Primary Use	Direct Linear Ambient Luminaires
Reported Input Wattage	90 W
Reported Light Output	10800 lm
Reported CCT	3500 K
Reported CRI (Ra)	84
Product ID	S-849TWH
DLC Family Code	EMWBCM
Listing Status	Listed
Date Qualified	2024-09-30

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-849TWH
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTMA8432413
Parent	No
Classification	Standard
DLC Family Code	EMWBCM
Length	8.0 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	No
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	10800 lm
Reported Efficacy (AC)	120 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	84
Reported R9	9
Reported IES Rf	85
Reported IES Rg	96
Reported IES Rcs,h1	-12
Reported Minimum Light Output	10800 lm
Reported Maximum Light Output	11250 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	10800 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	90 W
Reported Total Harmonic Distortion	6.6 %
Reported Power Factor	0.963
Reported Minimum Input Wattage	90 W
Reported Maximum Input Wattage	90
Reported Default Input Wattage	90 W
Voltage Range	120-277 V

VERSION HISTORY VIEW DETAILS

2024-09-30	Listed	5.1	Standard
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