

DesignLights Consortium



Model Number	PLTM849142
Classification	Standard
Primary Use	Direct Linear Ambient Luminaires
Reported Input Wattage	48 W
Reported Light Output	5520 lm
Reported CCT	3500 K
Reported CRI (Ra)	83
Product ID	S-GDJAB0
DLC Family Code	EMWAYT
Listing Status	Listed
Date Qualified	2023-05-03

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-GDJAB0
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTM849142
Parent	Yes
Classification	Standard
DLC Family Code	EMWAYT
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 Control Capability
Sensor Type	No Sensor
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	No Wireless Protocol
Field Adjustable Light Output	Yes
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	5520 lm
Reported Efficacy (AC)	115 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	83
Reported R9	5
Reported IES Rf	84
Reported IES Rg	96
Reported IES Rcs,h1	-12
Reported Minimum Light Output	3968 lm
Reported Maximum Light Output	5520 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	5520 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	48 W
Reported Total Harmonic Distortion	9.2 %
Reported Power Factor	0.969
Reported Minimum Input Wattage	32 W
Reported Maximum Input Wattage	48
Reported Default Input Wattage	48 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
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Tested Light Output	5681 lm
Tested Efficacy (AC)	113.83 lm/W
Tested CCT	3421 K
Tested CRI (Ra)	83
Tested R9	5
Tested IES Rf	84
Tested IES Rg	96
Tested IES Rcs,h1	-12 %
Tested Duv	-0.0011

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	49.9 W
Tested Total Harmonic Distortion	7.5 %
Tested Power Factor	0.994

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
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VERSION HISTORY VIEW DETAILS

2023-05-03	Listed	5.1	Standard
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