

# DesignLights Consortium



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	<a href="#">EMWAYT</a>
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

## PRODUCT CAPABILITIES 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
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## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

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 Voltage	120
Tested Input Wattage	49.9 W
Tested Total Harmonic Distortion	7.5 %
Tested Power Factor	0.994

## VERSION HISTORY VIEW DETAILS

2023-05-03	Listed	5.1	Standard
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