

DesignLights Consortium



Model Number	PLTM445132
Classification	Standard
Primary Use	Direct Linear Ambient Luminaires
Reported Input Wattage	50 W
Reported Light Output	7050 lm
Reported CCT	5000 K
Reported CRI (Ra)	83
Product ID	S-8ZFDNL
DLC Family Code	EMWCCD
Listing Status	Listed
Date Qualified	2025-02-20

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-8ZFDNL
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTM445132
Parent	Yes
Classification	Standard
DLC Family Code	EMWCCD
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	No
White-Tunable	No
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	7050 lm
Reported Efficacy (AC)	141 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	83
Reported R9	12
Reported IES Rf	83
Reported IES Rg	94
Reported IES Rcs,h1	-12
Reported Default Light Output	7050 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	50 W
Reported Total Harmonic Distortion	11 %
Reported Power Factor	0.983
Reported Default Input Wattage	50 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	6932 lm
Tested Efficacy (AC)	141.62 lm/W
Tested CCT	5000 K
Tested CRI (Ra)	83
Tested R9	12
Tested IES Rf	83

Tested IES Rg	94
Tested Duv	0.0027

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	48.95 W
Tested Total Harmonic Distortion	11 %
Tested Power Factor	0.983

VERSION HISTORY VIEW DETAILS

2025-02-20	Listed	5.1	Standard
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