

DesignLights Consortium



Model Number	PLTM942142
Classification	Standard
Primary Use	Direct Linear Ambient Luminaires
Reported Input Wattage	45 W
Reported Light Output	5985 lm
Reported CCT	3500 K
Reported CRI (Ra)	81
Product ID	S-NHBCZS
DLC Family Code	EMWCCA
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-NHBCZS
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTM942142
Parent	Yes
Classification	Standard
DLC Family Code	EMWCCA
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	5985 lm
Reported Efficacy (AC)	133 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	81
Reported R9	3
Reported IES Rf	83
Reported IES Rg	97
Reported IES Rcs,h1	-12
Reported Minimum Light Output	4862 lm
Reported Maximum Light Output	6525 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	5985 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	45 W
Reported Total Harmonic Distortion	12.7 %
Reported Power Factor	0.973
Reported Minimum Input Wattage	34 W
Reported Maximum Input Wattage	45
Reported Default Input Wattage	45 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
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Tested Light Output	6453 lm
Tested Efficacy (AC)	135.74 lm/W
Tested CCT	3456 K
Tested CRI (Ra)	81
Tested R9	3
Tested IES Rf	82
Tested IES Rg	97
Tested IES Rcs,h1	-12 %
Tested Duv	0.0009

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	47.5 W
Tested Total Harmonic Distortion	12.7 %
Tested Power Factor	0.973

VERSION HISTORY VIEW DETAILS

2025-02-20	Listed	5.1	Standard
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