

DesignLights Consortium



Model Number	PLTM32C142
Classification	Standard
Primary Use	Direct Linear Ambient Luminaires
Reported Input Wattage	25 W
Reported Light Output	3250 lm
Reported CCT	3500 K
Reported CRI (Ra)	83
Product ID	S-G40PP2
DLC Family Code	EMWBXD
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-G40PP2
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTM32C142
Parent	Yes
Classification	Standard
DLC Family Code	EMWBXD
Length	2.0 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	3250 lm
Reported Efficacy (AC)	130 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	83
Reported R9	6
Reported IES Rf	84
Reported IES Rg	95
Reported IES Rcs,h1	-12
Reported Minimum Light Output	2025 lm
Reported Maximum Light Output	3500 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	3250 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	25 W
Reported Total Harmonic Distortion	14.3 %
Reported Power Factor	0.975
Reported Minimum Input Wattage	15 W
Reported Maximum Input Wattage	25
Reported Default Input Wattage	25 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
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Tested Light Output	3336 lm
Tested Efficacy (AC)	126.95 lm/W
Tested CCT	3394 K
Tested CRI (Ra)	83
Tested R9	6
Tested IES Rf	84
Tested IES Rg	95
Tested IES Rcs,h1	-12 %
Tested Duv	-0.0005

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	26.3 W
Tested Total Harmonic Distortion	14.3 %
Tested Power Factor	0.975

VERSION HISTORY VIEW DETAILS

2024-09-30	Listed	5.1	Standard
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