

DesignLights Consortium



Model Number	PLTM828142
Classification	Standard
Primary Use	Direct Linear Ambient Luminaires
Reported Input Wattage	24 W
Reported Light Output	2808 lm
Reported CCT	3500 K
Reported CRI (Ra)	82
Product ID	S-Z6IGD2
DLC Family Code	EMWAYV
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-Z6IGD2
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTM828142
Parent	Yes
Classification	Standard
DLC Family Code	EMWAYV
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 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	2808 lm
Reported Efficacy (AC)	117 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	82
Reported R9	4
Reported IES Rf	83
Reported IES Rg	98
Reported IES Rcs,h1	-12
Reported Minimum Light Output	2048 lm
Reported Maximum Light Output	3048 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	2808 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	24 W
Reported Total Harmonic Distortion	12.4 %
Reported Power Factor	0.96
Reported Minimum Input Wattage	16 W
Reported Maximum Input Wattage	24
Reported Default Input Wattage	24 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	277
-------------------------------------	-----

Tested Light Output	3075 lm
Tested Efficacy (AC)	117.29 lm/W
Tested CCT	3372 K
Tested CRI (Ra)	82
Tested R9	4
Tested IES Rf	83
Tested IES Rg	98
Tested IES Rcs,h1	-12 %
Tested Duv	0.0006

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	26.2 W
Tested Total Harmonic Distortion	12.4 %
Tested Power Factor	0.96

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
-----------	-------------------------------

VERSION HISTORY VIEW DETAILS

2023-05-03	Listed	5.1	Standard
------------	--------	-----	----------