

DesignLights Consortium



Classification	Standard
Primary Use	Direct Linear Ambient Luminaires
Reported Input Wattage	45 W
Reported Light Output	5850 lm
Reported CCT	3500 K
Reported CRI (Ra)	82
Product ID	S-S9AYGQ
DLC Family Code	QQQVWP
Listing Status	Listed
Date Qualified	2022-10-24

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-S9AYGQ
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTM947142
Parent	Yes
Classification	Standard
DLC Family Code	QQQVWP
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	No
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	5850 lm
Reported Efficacy (AC)	130 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	82
Reported R9	6
Reported IES Rf	83
Reported IES Rg	98
Reported IES Rcs,h1	-12
Reported Minimum Light Output	5850 lm
Reported Maximum Light Output	5850 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	5850 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	45 W
Reported Total Harmonic Distortion	7.1 %
Reported Power Factor	0.997
Reported Maximum Input Wattage	45
Reported Default Input Wattage	45
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	6013 lm
Tested Efficacy (AC)	126.86 lm/W
Tested CCT	3400 K
Tested CRI (Ra)	82
Tested R9	6
Tested IES Rf	83
Tested IES Rg	98
Tested IES Rcs,h1	-12 %
Tested Duv	-0.00083

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	47.4 W
Tested Total Harmonic Distortion	7.1 %
Tested Power Factor	0.969

VERSION HISTORY VIEW DETAILS

2022-10-24	Listed	5.1	Standard
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