

DesignLights Consortium



Model Number	PLTM38BA142
Classification	Standard
Primary Use	Direct Linear Ambient Luminaires
Reported Input Wattage	54 W
Reported Light Output	7128 lm
Reported CCT	3500 K
Reported CRI (Ra)	82
Product ID	S-AXS9YQ
DLC Family Code	MMMTED
Listing Status	Listed
Date Qualified	2024-01-11

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-AXS9YQ
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTM38BA142
Parent	Yes
Classification	Standard
DLC Family Code	MMMTED
Length	8.0 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	7128 lm
Reported Efficacy (AC)	132 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	82
Reported R9	6
Reported IES Rf	84
Reported IES Rg	97
Reported IES Rcs,h1	-12
Reported Minimum Light Output	7668 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	7128 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	54 W
Reported Total Harmonic Distortion	10.4 %
Reported Power Factor	0.97
Reported Minimum Input Wattage	38 W
Reported Maximum Input Wattage	54
Reported Default Input Wattage	54 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	7493 lm

Tested Efficacy (AC)	132.43 lm/W
Tested CCT	3424 K
Tested CRI (Ra)	82
Tested R9	6
Tested IES Rf	84
Tested IES Rg	97
Tested IES Rcs,h1	-12 %
Tested Duv	-0.0004

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	56.6 W
Tested Total Harmonic Distortion	10.4 %
Tested Power Factor	0.974

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
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VERSION HISTORY VIEW DETAILS

2023-03-06	Listed	5.1	Standard
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