

DesignLights Consortium



Classification	Standard
Primary Use	Direct Linear Ambient Luminaires
Reported Input Wattage	90 W
Reported Light Output	11970 lm
Reported CCT	3500 K
Reported CRI (Ra)	82
Product ID	PX9FODC1
DLC Family Code	EEEGKH
Listing Status	Listed
Date Qualified	2021-09-03

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PX9FODC1
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTM38B142
Parent	Yes
Classification	Standard
DLC Family Code	EEEGKH
Length	8 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

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Integral Controls	No
Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No Control Capability
Sensor Type	No Sensor
Wired Communication Protocol	0-10V Analog
Wireless Communication Protocol	No Wireless Protocol
Field Adjustable Light Output	TRUE
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	11970 lm
Reported Efficacy (AC)	133 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	82
Reported R9	6
Reported IES Rf	80
Reported IES Rg	90
Reported IES Rcs,h1	-12
Reported Default Light Output	11970 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	90 W
Reported Total Harmonic Distortion	10 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	65
Reported Maximum Input Wattage	90
Reported Default Input Wattage	90
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	12025.4 lm
Tested Efficacy (AC)	134.92 lm/W
Tested CCT	3439 K
Tested CRI (Ra)	82

Tested R9	5
Tested IES Rf	84
Tested IES Rg	94
Tested IES Rcs,h1	-12 %
Tested Duv	0.0012

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	89.13 W
Tested Total Harmonic Distortion	4.22 %
Tested Power Factor	0.9856

VERSION HISTORY VIEW DETAILS

2021-09-03	Listed	5.1	Standard
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