

DesignLights Consortium



Model Number	PLTM5B2111
Classification	Standard
Primary Use	2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces
Reported Input Wattage	35 W
Reported Light Output	3955 lm
Reported CCT	3500 K
Reported CRI (Ra)	83
Product ID	S-5E8HPM
DLC Family Code	SLFATQ
Listing Status	Listed
Date Qualified	2023-09-27

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-5E8HPM
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTM5B2111
Parent	Yes
Classification	Standard
DLC Family Code	SLFATQ
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Luminaires
General Application	Troffer
Primary Use Designation	2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces

CONTROL FEATURES VIEW DETAILS

Integral Controls	Yes
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Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No
Sensor Type	Multifunction Sensor
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	3955 lm
Reported Efficacy (AC)	113 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	83
Reported R9	5
Reported IES Rf	84
Reported IES Rg	96
Reported IES Rcs,h1	-12
Reported Minimum Light Output	2975 lm
Reported Maximum Light Output	4305 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	3955 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	35 W
Reported Total Harmonic Distortion	15.8 %
Reported Power Factor	0.949
Reported Minimum Input Wattage	25 W
Reported Maximum Input Wattage	35
Reported Default Input Wattage	35 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	4161 lm

Tested Efficacy (AC)	112.98 lm/W
Tested CCT	3422 K
Tested CRI (Ra)	83
Tested R9	5
Tested IES Rf	84
Tested IES Rg	96
Tested IES Rcs,h1	-12 %
Tested Duv	0.0006

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	36.8 W
Tested Total Harmonic Distortion	5.4 %
Tested Power Factor	0.997

VERSION HISTORY VIEW DETAILS

2023-09-27	Listed	5.1	Standard
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