

DesignLights Consortium



Model Number	PLTM6B3211
Classification	Standard
Primary Use	2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces
Reported Input Wattage	45 W
Reported Light Output	5850 lm
Reported CCT	3500 K
Reported CRI (Ra)	83
Product ID	S-DHRFMS
DLC Family Code	BCBAKV
Listing Status	Listed
Date Qualified	2024-09-10

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-DHRFMS
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTM6B3211
Parent	Yes
Classification	Standard
DLC Family Code	BCBAKV
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Luminaires
General Application	Troffer
Primary Use Designation	2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces

CONTROL FEATURES VIEW DETAILS

Integral Controls	No
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Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No
Sensor Type	No
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	5850 lm
Reported Efficacy (AC)	130 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	83
Reported R9	9
Reported IES Rf	85
Reported IES Rg	97
Reported IES Rcs,h1	-11
Reported Minimum Light Output	4760 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	12.2 %
Reported Power Factor	0.983
Reported Minimum Input Wattage	34 W
Reported Maximum Input Wattage	45
Reported Default Input Wattage	45 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	5821 lm

Tested Efficacy (AC)	136.64 lm/W
Tested CCT	3567 K
Tested CRI (Ra)	83
Tested R9	9
Tested IES Rf	85
Tested IES Rg	97
Tested IES Rcs,h1	-11 %
Tested Duv	0.00222

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	42.6 W
Tested Total Harmonic Distortion	12.2 %
Tested Power Factor	0.983

VERSION HISTORY VIEW DETAILS

2024-09-10	Listed	5.1	Standard
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