

DesignLights Consortium



Classification	Standard
Primary Use	2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces
Reported Input Wattage	50 W
Reported Light Output	5650 lm
Reported CCT	3500 K
Reported CRI (Ra)	83
Product ID	S-ZHRDMG
DLC Family Code	SLFATR
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-ZHRDMG
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTM5B3211
Parent	Yes
Classification	Standard
DLC Family Code	SLFATR
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	Yes
Dimming Capability and Range	Continuous Dimming to 10% or below

Integral Control Capability	No Control Capability
Sensor Type	Multifunction 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	5650 lm
Reported Efficacy (AC)	113 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	83
Reported R9	7
Reported IES Rf	84
Reported IES Rg	97
Reported IES Rcs,h1	-12
Reported Minimum Light Output	3570 lm
Reported Maximum Light Output	6150 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	5650 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	50 W
Reported Total Harmonic Distortion	15.6 %
Reported Power Factor	0.953
Reported Minimum Input Wattage	30 W
Reported Maximum Input Wattage	50
Reported Default Input Wattage	50 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	5766 lm
Tested Efficacy (AC)	113.91 lm/W

Tested CCT	3446 K
Tested CRI (Ra)	83
Tested R9	7
Tested IES Rf	84
Tested IES Rg	97
Tested IES Rcs,h1	-12 %
Tested Duv	0.0007

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	50.6 W
Tested Total Harmonic Distortion	15.6 %
Tested Power Factor	0.953

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
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VERSION HISTORY VIEW DETAILS

2023-09-27	Listed	5.1	Standard
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