

DesignLights Consortium



Classification	Standard
Primary Use	2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces
Reported Input Wattage	50 W
Reported Light Output	5600 lm
Reported CCT	3500 K
Reported CRI (Ra)	82
Product ID	S-PTHFJ4
DLC Family Code	SLFACO
Listing Status	Listed
Date Qualified	2022-08-21

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-PTHFJ4
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTM53251
Parent	Yes
Classification	Standard
DLC Family Code	SLFACO
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

PRODUCT CAPABILITIES VIEW DETAILS

Integral Controls	Yes
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	5600 lm
Reported Efficacy (AC)	112 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	82
Reported R9	5
Reported IES Rf	83
Reported IES Rg	98
Reported IES Rcs,h1	-12
Reported Minimum Light Output	3660 lm
Reported Maximum Light Output	5700 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	5600 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	50 W
Reported Total Harmonic Distortion	10.6 %
Reported Power Factor	0.965
Reported Minimum Input Wattage	30
Reported Maximum Input Wattage	50
Reported Default Input Wattage	50
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	5528 lm
Tested Efficacy (AC)	115.06 lm/W
Tested CCT	3400 K

Tested CRI (Ra)	82
Tested R9	5
Tested IES Rf	83
Tested IES Rg	98
Tested IES Rcs,h1	-12 %
Tested Duv	-0.0002

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	48 W
Tested Total Harmonic Distortion	10.6 %
Tested Power Factor	0.965

VERSION HISTORY VIEW DETAILS

2022-08-21	Listed	5.1	Standard
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