

DesignLights Consortium



Classification	Standard
Primary Use	2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces
Reported Input Wattage	40 W
Reported Light Output	4480 lm
Reported CCT	3500 K
Reported CRI (Ra)	83
Product ID	S-ZSN3HY
DLC Family Code	SLFACN
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-ZSN3HY
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTM52151
Parent	Yes
Classification	Standard
DLC Family Code	SLFACN
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

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	4480 lm
Reported Efficacy (AC)	112 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	83
Reported R9	6
Reported IES Rf	84
Reported IES Rg	95
Reported IES Rcs,h1	-12
Reported Minimum Light Output	2950 lm
Reported Maximum Light Output	4560 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	4480 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	40 W
Reported Total Harmonic Distortion	10.6 %
Reported Power Factor	0.965
Reported Minimum Input Wattage	25
Reported Maximum Input Wattage	40
Reported Default Input Wattage	40
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	4479 lm
Tested Efficacy (AC)	110.67 lm/W
Tested CCT	3453 K

Tested CRI (Ra)	83
Tested R9	6
Tested IES Rf	84
Tested IES Rg	96
Tested IES Rcs,h1	-12 %
Tested Duv	-0.0006

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	40.5 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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