

DesignLights Consortium



Classification	Premium
Primary Use	2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces
Reported Input Wattage	47.8 W
Reported Light Output	5971 lm
Reported CCT	3000 K
Reported CRI (Ra)	83
Product ID	S-C8ZO2F
DLC Family Code	BBBGKC
Listing Status	Listed
Date Qualified	2023-10-02

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-C8ZO2F
Manufacturer	Archipelago Lighting, Inc.
Brand	Archipelago
Model Number	LPVT24-3550CS-S47/BTLE-EM08
Parent	Yes
Classification	Premium
DLC Family Code	BBBGKC
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
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Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No Control Capability
Sensor Type	Occupancy Sensing
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	5971 lm
Reported Efficacy (AC)	124.89 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	83
Reported R9	10
Reported IES Rf	84
Reported IES Rg	97
Reported IES Rcs,h1	-12
Reported Minimum Light Output	4371 lm
Reported Maximum Light Output	5971 lm
Reported Default Light Output	5971 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	47.8 W
Reported Total Harmonic Distortion	12 %
Reported Power Factor	0.965
Reported Minimum Input Wattage	35 W
Reported Maximum Input Wattage	47.8
Reported Default Input Wattage	47.8 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	5971 lm
Tested Efficacy (AC)	124.89 lm/W
Tested CCT	2924 K
Tested CRI (Ra)	83

Tested IES Rf	84
Tested IES Rg	97
Tested IES Rcs,h1	-12 %

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	47.8 W
Tested Total Harmonic Distortion	12.5 %
Tested Power Factor	0.965

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
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VERSION HISTORY VIEW DETAILS

2023-10-02	Listed	5.1	Premium
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