

DesignLights Consortium



Classification	Premium
Primary Use	2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces
Reported Input Wattage	50 W
Reported Light Output	6250 lm
Reported CCT	3500 K
Reported CRI (Ra)	82
Product ID	S-U872TD
DLC Family Code	SLFASE
Listing Status	Listed
Date Qualified	2023-08-29

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-U872TD
Manufacturer	T-1 Lighting Inc.
Brand	T-1 Lighting
Model Number	T1-CBLEDD24/MW50-MCCT
Parent	Yes
Classification	Premium
DLC Family Code	SLFASE
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	Multifunction Sensor, 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	6250 lm
Reported Efficacy (AC)	125 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	82
Reported R9	5
Reported IES Rf	83
Reported IES Rg	95
Reported IES Rcs,h1	-12
Reported Minimum Light Output	4454 lm
Reported Maximum Light Output	6750 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	6250 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	50 W
Reported Total Harmonic Distortion	10.4 %
Reported Power Factor	0.969
Reported Minimum Input Wattage	34 W
Reported Maximum Input Wattage	50
Reported Default Input Wattage	50 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	5978 lm
Tested Efficacy (AC)	123.78 lm/W

Tested CCT	3470 K
Tested CRI (Ra)	82
Tested R9	5
Tested IES Rf	83
Tested IES Rg	95
Tested IES Rcs,h1	-12 %
Tested Duv	0.0003

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	48.3 W
Tested Total Harmonic Distortion	10.4 %
Tested Power Factor	0.969

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
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VERSION HISTORY VIEW DETAILS

2023-08-29	Listed	5.1	Premium
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