

DesignLights Consortium



Classification	Premium
Primary Use	Integrated Retrofit Kits for 2x4 Luminaires
Reported Input Wattage	45 W
Reported Light Output	5625 lm
Reported CCT	3500 K
Reported CRI (Ra)	82
Product ID	S-9ZK4CJ
DLC Family Code	EMWBFW
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-9ZK4CJ
Manufacturer	T-1 Lighting Inc.
Brand	T-1 Lighting
Model Number	T1-CB-RTFK24/MW45-MCCT
Parent	Yes
Classification	Premium
DLC Family Code	EMWBFW
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Retrofit Kit
General Application	Troffer
Primary Use Designation	Integrated Retrofit Kits for 2x4 Luminaires

CONTROL FEATURES VIEW DETAILS

Integral Controls	No
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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	5625 lm
Reported Efficacy (AC)	125 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	82
Reported R9	6
Reported IES Rf	80
Reported IES Rg	90
Reported IES Rcs,h1	-12
Reported Minimum Light Output	4454 lm
Reported Maximum Light Output	5715 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	5625 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	45 W
Reported Total Harmonic Distortion	10 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	34 W
Reported Maximum Input Wattage	45
Reported Default Input Wattage	45 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	5482 lm
Tested Efficacy (AC)	128.19 lm/W

Tested CCT	3471 K
Tested CRI (Ra)	82
Tested R9	6
Tested IES Rf	84
Tested IES Rg	95
Tested IES Rcs,h1	-12 %
Tested Duv	0.0012

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	42.8 W
Tested Total Harmonic Distortion	12.6 %
Tested Power Factor	0.957

LISTING INFORMATION VIEW DETAILS

Testing in a Manufacturer-Selected Housing (Luminaire Specific)	General Purpose
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VERSION HISTORY VIEW DETAILS

2023-08-29	Listed	5.1	Premium
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