

DesignLights Consortium



Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	155 W
Reported Light Output	23405 lm
Reported CCT	5000 K
Reported CRI (Ra)	80
Product ID	S-SQMN1H
DLC Family Code	EMWBDV
Listing Status	Listed
Date Qualified	2023-08-04

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-SQMN1H
Manufacturer	T-1 Lighting Inc.
Brand	T-1 Lighting
Model Number	T1-L2HBLED/155-50
Parent	Yes
Classification	Premium
DLC Family Code	EMWBDV
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Luminaires
General Application	High-Bay
Primary Use Designation	High-Bay Luminaires for Commercial and Industrial Buildings

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	Daylight Sensing, Occupancy Sensing
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	No Wireless Protocol
Field Adjustable Light Output	No
White-Tunable	No
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	23405 lm
Reported Efficacy (AC)	151 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	80
Reported R9	-12
Reported IES Rf	81
Reported IES Rg	95
Reported IES Rcs,h1	-15
Reported Default Light Output	23405 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	155 W
Reported Total Harmonic Distortion	7.2 %
Reported Power Factor	0.979
Reported Default Input Wattage	155 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	23064 lm
Tested Efficacy (AC)	158.32 lm/W
Tested CCT	5128 K
Tested CRI (Ra)	80
Tested R9	-12
Tested IES Rf	81
Tested IES Rg	95
Tested IES Rcs,h1	-15 %

Tested Duv	0.0012
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TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	145.7 W
Tested Total Harmonic Distortion	2.9 %
Tested Power Factor	0.997

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
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VERSION HISTORY VIEW DETAILS

2023-08-04	Listed	5.1	Premium
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