

DesignLights Consortium



Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	115 W
Reported Light Output	17365 lm
Reported CCT	5000 K
Reported CRI (Ra)	79
Product ID	S-8W0C3B
DLC Family Code	EMWBDX
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-8W0C3B
Manufacturer	T-1 Lighting Inc.
Brand	T-1 Lighting
Model Number	T1-L2HBLED/115-50
Parent	Yes
Classification	Premium
DLC Family Code	EMWBDX
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
-------------------	-----

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	17365 lm
Reported Efficacy (AC)	151 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	79
Reported R9	-17
Reported IES Rf	81
Reported IES Rg	94
Reported IES Rcs,h1	-15
Reported Default Light Output	17365 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	115 W
Reported Total Harmonic Distortion	8 %
Reported Power Factor	0.975
Reported Default Input Wattage	115 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	17457 lm
Tested Efficacy (AC)	155.67 lm/W
Tested CCT	5001 K
Tested CRI (Ra)	79
Tested R9	-17
Tested IES Rf	81
Tested IES Rg	94
Tested IES Rcs,h1	-15 %

Tested Duv	0.0032
------------	--------

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	112.1 W
Tested Total Harmonic Distortion	8 %
Tested Power Factor	0.975

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
-----------	-------------------------------

VERSION HISTORY VIEW DETAILS

2023-08-04	Listed	5.1	Premium
------------	--------	-----	---------