

DesignLights Consortium



Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	115 W
Reported Light Output	17250 lm
Reported CCT	4000 K
Reported CRI (Ra)	79
Product ID	S-TYDAB4
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-TYDAB4
Manufacturer	T-1 Lighting Inc.
Brand	T-1 Lighting
Model Number	T1-L2HBLED/115-40
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
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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	17250 lm
Reported Efficacy (AC)	150 lm/W
Reported CCT	4000 K
Reported CRI (Ra)	79
Reported R9	-13
Reported IES Rf	81
Reported IES Rg	93
Reported IES Rcs,h1	-15
Reported Default Light Output	17250 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	17147 lm
Tested Efficacy (AC)	153.09 lm/W
Tested CCT	4067 K
Tested CRI (Ra)	79
Tested R9	-13
Tested IES Rf	81
Tested IES Rg	93
Tested IES Rcs,h1	-15 %

Tested Duv	0.0022
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TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	112 W
Tested Total Harmonic Distortion	8 %
Tested Power Factor	0.975

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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