

DesignLights Consortium



Model Number	PLTM1B44121
Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	270 W
Reported Light Output	40500 lm
Reported CCT	4000 K
Reported CRI (Ra)	84
Product ID	S-W73011
DLC Family Code	BCBAKS
Listing Status	Listed
Date Qualified	2024-09-10

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-W73011
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTM1B44121
Parent	Yes
Classification	Premium
DLC Family Code	BCBAKS
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	No
Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No
Sensor Type	No
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	No
Field Adjustable Light Output	Yes
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	40500 lm
Reported Efficacy (AC)	150 lm/W
Reported CCT	4000 K
Reported CRI (Ra)	84
Reported R9	11
Reported IES Rf	84
Reported IES Rg	94
Reported IES Rcs,h1	-12
Reported Minimum Light Output	31000 lm
Reported Maximum Light Output	40500 lm
Reported Minimum CCT	4000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	40500 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	270 W
Reported Total Harmonic Distortion	5.6 %
Reported Power Factor	0.969
Reported Minimum Input Wattage	200 W
Reported Maximum Input Wattage	270
Reported Default Input Wattage	270 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
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Tested Light Output	39259 lm
Tested Efficacy (AC)	146.63 lm/W
Tested CCT	4117 K
Tested CRI (Ra)	84
Tested R9	10
Tested IES Rf	84
Tested IES Rg	94
Tested IES Rcs,h1	-12 %
Tested Duv	-0.00167

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	267.8 W
Tested Total Harmonic Distortion	5.6 %
Tested Power Factor	0.969

VERSION HISTORY VIEW DETAILS

2024-09-10	Listed	5.1	Premium
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