

# DesignLights Consortium



Model Number	PLTM1B55121
Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	400 W
Reported Light Output	60000 lm
Reported CCT	4000 K
Reported CRI (Ra)	82
Product ID	S-WFF9CF
DLC Family Code	<a href="#">BCBAKT</a>
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-WFF9CF
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTM1B55121
Parent	Yes
Classification	Premium
DLC Family Code	BCBAKT
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	60000 lm
Reported Efficacy (AC)	150 lm/W
Reported CCT	4000 K
Reported CRI (Ra)	82
Reported R9	-3
Reported IES Rf	82
Reported IES Rg	92
Reported IES Rcs,h1	-14
Reported Minimum Light Output	42120 lm
Reported Maximum Light Output	60000 lm
Reported Minimum CCT	4000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	60000 lm

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	400 W
Reported Total Harmonic Distortion	4 %
Reported Power Factor	0.946
Reported Minimum Input Wattage	270 W
Reported Maximum Input Wattage	400
Reported Default Input Wattage	400 W
Voltage Range	120-277 V

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
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Tested Light Output	59073 lm
Tested Efficacy (AC)	148.18 lm/W
Tested CCT	3978 K
Tested CRI (Ra)	82
Tested R9	-3
Tested IES Rf	82
Tested IES Rg	92
Tested IES Rcs,h1	-14 %
Tested Duv	0.00025

### TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	398.7 W
Tested Total Harmonic Distortion	4.9 %
Tested Power Factor	0.997

### VERSION HISTORY VIEW DETAILS

2024-09-10	Listed	5.1	Premium
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