

# DesignLights Consortium



Classification	Standard
Primary Use	2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces
Reported Input Wattage	50 W
Reported Light Output	5550 lm
Reported CCT	3500 K
Reported CRI (Ra)	82
Product ID	PLEISWBUEDBI
DLC Family Code	<a href="#">DDDLX</a>
Listing Status	Listed
Date Qualified	2020-06-10

## PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PLEISWBUEDBI
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTM53211
Parent	Yes
Classification	Standard
DLC Family Code	DDDLX
Input Power Type	AC

## PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Luminaires
General Application	Troffer
Primary Use Designation	2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces

## PRODUCT CAPABILITIES VIEW DETAILS

Integral Controls	No
Dimming Capability and Range	Continuous Dimming to 10% or below

Integral Control Capability	No Control Capability
Sensor Type	No Sensor
Wired Communication Protocol	0-10V Analog
Wireless Communication Protocol	No Wireless Protocol
Field Adjustable Light Output	Yes
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

## REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	5550 lm
Reported Efficacy (AC)	111 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	82
Reported R9	2
Reported IES Rf	80
Reported IES Rg	90
Reported IES Rcs,h1	-12
Reported Minimum Light Output	3630 lm
Reported Maximum Light Output	5550 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	5550 lm

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	50 W
Reported Total Harmonic Distortion	10 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	30
Reported Maximum Input Wattage	50
Reported Default Input Wattage	50
Voltage Range	120-277 V

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	5538 lm
Tested Efficacy (AC)	113.27 lm/W
Tested CCT	3354 K

Tested CRI (Ra)	81
Tested R9	2
Tested IES Rf	83
Tested IES Rg	97
Tested IES Rcs,h1	-13 %
Tested Duv	0.0004

### TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	49 W
Tested Total Harmonic Distortion	9 %
Tested Power Factor	0.988
Tested Maximum Input Wattage	48.9 W

### VERSION HISTORY VIEW DETAILS

2020-06-10	Listed	5	Standard
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