DesignLights Consortium

Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	170 W
Reported Light Output	23120 lm
Reported CCT	5000 K
Reported CRI (Ra)	79
Product ID	S-SRBFXD
DLC Family Code	MMMTEB
Listing Status	Listed
Date Qualified	2024-01-11

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-SRBFXD
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTM16B322
Parent	Yes
Classification	Premium
DLC Family Code	MMMTEB
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 Control Capability
Sensor Type	No Sensor
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	23120 lm
Reported Efficacy (AC)	136 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	79
Reported R9	-15
Reported IES Rf	81
Reported IES Rg	94
Reported IES Rcs,h1	-15
Reported Default Light Output	23120 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	170 W
Reported Total Harmonic Distortion	17.8 %
Reported Power Factor	0.98
Reported Default Input Wattage	170 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	23340 lm
Tested Efficacy (AC)	141.82 lm/W
Tested CCT	5038 K
Tested CRI (Ra)	79
Tested R9	-15
Tested IES Rf	81
Tested IES Rg	94

Tested IES Rcs,h1	-15 %
Tested Duv	0.002

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	163.1 W
Tested Total Harmonic Distortion	17.8 %
Tested Power Factor	0.976

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File

VERSION HISTORY VIEW DETAILS

2023-03-06	Listed	5.1	Premium