

DesignLights Consortium



Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	243 W
Reported Light Output	32352 lm
Reported CCT	3000 K
Reported CRI (Ra)	82
Product ID	S-FC8LDY
DLC Family Code	EMWAWS
Listing Status	Listed
Date Qualified	2023-02-17

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-FC8LDY
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT Solutions
Model Number	PLTSN1736[1;2,3]5[1;2;blank]
Parent	Yes
Classification	Premium
DLC Family Code	EMWAWS
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

PRODUCT CAPABILITIES VIEW DETAILS

Integral Controls	Yes
Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No Control Capability
Sensor Type	Multifunction Sensor, Sensor Receptacle, 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	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	Yes
Field Adjustable Distribution Type	Integral FALD

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	32352 lm
Reported Efficacy (AC)	133.14 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	82
Reported R9	9
Reported IES Rf	82
Reported IES Rg	99
Reported IES Rcs,h1	-11
Reported Minimum Light Output	31954 lm
Reported Maximum Light Output	32352 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	32352 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	243 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Maximum Input Wattage	243

Reported Default Input Wattage	243 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	32352 lm
Tested Efficacy (AC)	133.14 lm/W
Tested CCT	3085 K
Tested CRI (Ra)	82
Tested R9	9
Tested IES Rf	82
Tested IES Rg	99
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0005
Field Adjustable Light Distribution Setting	No restriction

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	243 W
Tested Total Harmonic Distortion	9.9 %
Tested Power Factor	0.943

VERSION HISTORY VIEW DETAILS

2023-02-17	Listed	5.1	Premium
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