

# DesignLights Consortium



Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	300 W
Reported Light Output	40800 lm
Reported CCT	5000 K
Reported CRI (Ra)	78
Product ID	S-1SJ45R
DLC Family Code	<a href="#">SSSEFO</a>
Listing Status	Listed
Date Qualified	2022-09-21

## PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-1SJ45R
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTM14E312
Parent	Yes
Classification	Premium
DLC Family Code	SSSEFO
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	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	No
Warm-Dimming	No
Field Adjustable Light Distribution	No

## REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	40800 lm
Reported Efficacy (AC)	136 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	78
Reported R9	-22
Reported IES Rf	80
Reported IES Rg	94
Reported IES Rcs,h1	-16
Reported Default Light Output	40800 lm

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	300 W
Reported Total Harmonic Distortion	17.8 %
Reported Power Factor	0.928
Reported Default Input Wattage	300
Voltage Range	347-480 V

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	41841 lm
Tested Efficacy (AC)	142.68 lm/W
Tested CCT	5016 K

Tested CRI (Ra)	78
Tested R9	-16
Tested IES Rf	80
Tested IES Rg	94
Tested IES Rcs,h1	-16 %
Tested Duv	0.0024

## TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	347
Tested Input Wattage	293.3 W
Tested Total Harmonic Distortion	17.8 %
Tested Power Factor	0.928

## VERSION HISTORY VIEW DETAILS

2022-09-21	Listed	5.1	Premium
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