

DesignLights Consortium



Model Number	PLTSU54451
Classification	Premium
Primary Use	Low-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	58 W
Reported Light Output	10000 lm
Reported CCT	5000 K
Reported CRI (Ra)	80
Product ID	S-9057LC
DLC Family Code	EMWBZS
Listing Status	Listed
Date Qualified	2024-12-13

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-9057LC
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTSU54451
Parent	Yes
Classification	Premium
DLC Family Code	EMWBZS
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Luminaires
General Application	Low-Bay
Primary Use Designation	Low-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	No
White-Tunable	No
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	10000 lm
Reported Efficacy (AC)	172.41 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	80
Reported R9	9
Reported IES Rf	84
Reported IES Rg	95
Reported IES Rcs,h1	-12
Reported Default Light Output	10000 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	58 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Default Input Wattage	58 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	10057 lm
Tested Efficacy (AC)	167.75 lm/W
Tested CCT	4944 K
Tested CRI (Ra)	83
Tested R9	9

Tested IES Rf	84
Tested IES Rg	95
Tested IES Rcs,h1	-12 %
Tested Duv	0.0038

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	60 W
Tested Total Harmonic Distortion	6.1 %
Tested Power Factor	0.957

VERSION HISTORY VIEW DETAILS

2024-12-13	Listed	5.1	Premium
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