

DesignLights Consortium



Model Number	PLTSU61111[Blank,1,2]
Classification	Premium
Primary Use	Low-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	45 W
Reported Light Output	6075 lm
Reported CCT	3000 K
Reported CRI (Ra)	80
Product ID	S-SG0LC4
DLC Family Code	QWWYBC
Listing Status	Listed
Date Qualified	2025-04-25

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-SG0LC4
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTSU61111[Blank,1,2]
Parent	Yes
Classification	Premium
DLC Family Code	QWWYBC
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	Yes
Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	Energy Monitoring, High End Trim, LLLC
Sensor Type	Multifunction Sensor
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	Zigbee, Bluetooth
Field Adjustable Light Output	Yes
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	6075 lm
Reported Efficacy (AC)	135 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	80
Reported R9	14
Reported IES Rf	83
Reported IES Rg	100
Reported IES Rcs,h1	-10
Reported Minimum Light Output	2430 lm
Reported Maximum Light Output	6075 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	6075 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	45 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	18 W
Reported Maximum Input Wattage	45
Reported Default Input Wattage	45 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	6085 lm
Tested Efficacy (AC)	135.37 lm/W
Tested CCT	2951 K
Tested CRI (Ra)	84
Tested R9	14
Tested IES Rf	83
Tested IES Rg	100
Tested IES Rcs,h1	-10 %
Tested Duv	-0.0024

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	44.95 W
Tested Total Harmonic Distortion	6.8 %
Tested Power Factor	0.935

VERSION HISTORY VIEW DETAILS

2025-04-25	Listed	5.1	Premium
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