

DesignLights Consortium



Model Number	PLTSPLH113121
Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	120 W
Reported Light Output	18000 lm
Reported CCT	5000 K
Reported CRI (Ra)	80
Product ID	S-PW2Q6J
DLC Family Code	BCBAQS
Listing Status	Listed
Date Qualified	2025-02-19

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-PW2Q6J
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTSPLH113121
Parent	Yes
Classification	Premium
DLC Family Code	BCBAQS
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	Yes
Dimming Capability and Range	Continuous Dimming above 10%
Integral Control Capability	No
Sensor Type	Sensor Receptacle
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	No
Field Adjustable Light Output	Yes
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	18000 lm
Reported Efficacy (AC)	150 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	80
Reported R9	1
Reported IES Rf	80
Reported IES Rg	90
Reported IES Rcs,h1	-12
Reported Minimum Light Output	12000 lm
Reported Maximum Light Output	18000 lm
Reported Minimum CCT	4000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	18000 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	120 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.95
Reported Minimum Input Wattage	75 W
Reported Maximum Input Wattage	120
Reported Default Input Wattage	120 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	17419 lm
Tested Efficacy (AC)	151.6 lm/W
Tested CCT	4864 K
Tested CRI (Ra)	84
Tested R9	52
Tested IES Rf	82
Tested IES Rg	102
Tested IES Rcs,h1	-7 %
Tested Duv	0.0036

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	114.9 W
Tested Total Harmonic Distortion	9.4 %
Tested Power Factor	0.933

VERSION HISTORY VIEW DETAILS

2025-02-19	Listed	5.1	Premium
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