

DesignLights Consortium



Model Number	PLTSN1C114[1;2;3]5[1;2;blank]
Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	100.3 W
Reported Light Output	14560 lm
Reported CCT	3500 K
Reported CRI (Ra)	82
Product ID	S-SX6YC9
DLC Family Code	BCBAJB
Listing Status	Listed
Date Qualified	2024-08-09

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-SX6YC9
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT Solutions
Model Number	PLTSN1C114[1;2;3]5[1;2;blank]
Parent	Yes
Classification	Premium
DLC Family Code	BCBAJB
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 to 10% or below
Integral Control Capability	No
Sensor Type	Multifunction Sensor, Sensor Receptacle, Daylight Sensing, Occupancy Sensing
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	Yes
Field Adjustable Distribution Type	Integral FALD

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	14560 lm
Reported Efficacy (AC)	145.16 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	82
Reported R9	4
Reported IES Rf	83
Reported IES Rg	95
Reported IES Rcs,h1	-13
Reported Minimum Light Output	3629 lm
Reported Maximum Light Output	14560 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	14560 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	100.3 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	25 W
Reported Maximum Input Wattage	100.3
Reported Default Input Wattage	100.3 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	277
Tested Light Output	14440 lm
Tested Efficacy (AC)	147.13 lm/W
Tested CCT	3469 K
Tested CRI (Ra)	82
Tested R9	4
Tested IES Rf	83
Tested IES Rg	95
Tested IES Rcs,h1	-13 %
Tested Duv	-0.0013
Field Adjustable Light Distribution Setting	Pointing Straight down

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	98.2 W
Tested Total Harmonic Distortion	10.5 %
Tested Power Factor	0.914

VERSION HISTORY VIEW DETAILS

2024-08-09	Listed	5.1	Premium
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