

DesignLights Consortium



Model Number	PLTSN1B814[1;2;3]2[1;2;blank][1;2;blank]
Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	149.5 W
Reported Light Output	21951 lm
Reported CCT	5000 K
Reported CRI (Ra)	81
Product ID	S-IYO8QW
DLC Family Code	SLFALE
Listing Status	Listed
Date Qualified	2023-04-04

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-IYO8QW
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT Solutions
Model Number	PLTSN1B814[1;2;3]2[1;2;blank][1;2;blank]
Parent	No
Classification	Premium
DLC Family Code	SLFALE
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 Control Capability
Sensor Type	Multifunction Sensor, Sensor Receptacle, 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	Yes
Field Adjustable Distribution Type	Integral FALD

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	21951 lm
Reported Efficacy (AC)	146.87 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	81
Reported R9	0
Reported IES Rf	83
Reported IES Rg	96
Reported IES Rcs,h1	-13
Reported Default Light Output	21951 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	149.5 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Maximum Input Wattage	149.5
Reported Default Input Wattage	149.5 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Field Adjustable Light Distribution Setting	Pointing Straight down
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VERSION HISTORY VIEW DETAILS

2023-04-04	Listed	5.1	Premium
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