

DesignLights Consortium



Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	130 W
Reported Light Output	17680 lm
Reported CCT	5000 K
Reported CRI (Ra)	82
Product ID	PLM7VIA92KN8
DLC Family Code	WWWXJE
Listing Status	Listed
Date Qualified	2020-11-03

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PLM7VIA92KN8
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTM12A312
Parent	Yes
Classification	Premium
DLC Family Code	WWWXJE
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	No
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Dimming Capability and Range	Continuous Dimming to 10% or below
Sensor Type	No Sensor
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	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	17680 lm
Reported Efficacy (AC)	135 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	82
Reported R9	2
Reported IES Rf	80
Reported IES Rg	90
Reported IES Rcs,h1	-12
Reported Default Light Output	17680 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	130 W
Reported Total Harmonic Distortion	10 %
Reported Power Factor	0.9
Reported Default Input Wattage	130 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	17576.7 lm
Tested Efficacy (AC)	136.41 lm/W
Tested CCT	5277 K
Tested CRI (Ra)	83
Tested R9	16
Tested IES Rf	83
Tested IES Rg	98
Tested IES Rcs,h1	-12 %
Tested Duv	0.0001

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	128.85 W
Tested Total Harmonic Distortion	7.05 %
Tested Power Factor	0.9745

VERSION HISTORY VIEW DETAILS

2020-11-03	Listed	5.1	Premium
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