

# DesignLights Consortium



## PLTM12A412

**Manufacturer:** Precision Lighting & Transformer, Inc

**Brand:** PLT

### PRODUCT OVERVIEW

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	PNQKR33R
DLC Family Code	<a href="#">YYYEXD</a>
Listing Status	Listed
Date Qualified	2021-08-31

[Product Information](#) [View Details](#)

Qualified Product List	Solid State Lighting
Technical Requirements Version	DLC Technical Requirements Version 5.1
Product ID	Unique ID for each product PNQKR33R
Manufacturer	Product Manufacturer Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTM12A412
Parent	Determines whether a listed Yes

product is a Parent (Tested Data)  
 ClassificationQPL Listing Status Premium  
 (Standard/Premium)  
 DLC Family CodeUnique ID for  
 each product family YYYEXD  
 Input Power TypeType of input  
 power that can be supplied to the  
 product (AC, DC, or POE) from AC  
 manufacturer provided  
 specification sheet

[Product Categorization](#) [View Details](#)

CategoryMost general product  
 characterization (indoor, outdoor, Indoor Luminaires  
 luminaire, retrofit, lamp type)  
 General ApplicationOverall type  
 of product (2nd level product High-Bay  
 characterization)  
 Primary Use DesignationSpecific  
 type of product (3rd level product High-Bay Luminaires for Commercial and Industrial Buildings  
 characterization)

[Product Capabilities](#) [View Details](#)

Integral ControlsCapability of a  
 control to be embedded within the Yes  
 product from manufacturer  
 provided specification sheet  
 Dimming Capability and  
 RangeAbility of product change  
 light level via dimming and to Continuous Dimming to 10% or below  
 what minimum level from  
 manufacturer provided  
 specification sheet  
 Integral Control CapabilityList of  
 all Integral Control Capabilities  
 available with product from No Control Capability  
 manufacturer provided  
 specification sheet  
 Sensor TypeList of all Sensor  
 types available with product from Daylight Sensing, Occupancy Sensing  
 manufacturer provided  
 specification sheet  
 Wired Communication  
 ProtocolList of all wired  
 communication protocols 0-10V Analog  
 available with product from  
 manufacturer provided  
 specification sheet

Wireless Communication Protocol	No Wireless Protocol
List of all wireless communication protocols available with product from manufacturer provided specification sheet	
Field Adjustable Light Output	No
White-Tunable Ability of product to adjust CCT output from manufacturer provided specification sheet	No
Warm-Dimming Capability of product to increase CCT output as light output is dimmed from manufacturer provided specification sheet	No
Field Adjustable Light Distribution	No
Capability of product whose light distribution can be intentionally adjusted from the default factory	

[Reported Photometric Performance](#) [View Details](#)

Reported Light Output	Manufacturer Reported	17680 lm
Reported Efficacy (AC)	Manufacturer Reported	135 lm/W
Reported CCT	Manufacturer Reported	5000 K
Reported CRI (Ra)	Manufacturer Reported	82
Reported R9	Manufacturer Reported	2
Reported IES Rf		80
Reported IES Rg		90
Reported IES Rcs,h1		-12
Reported Default Light Output	Manufacturer reported	17680 lm
Light output as shipped (Dimmable or field adjustable light output only)		

[Reported Electrical Performance](#) [View Details](#)

Reported Input Wattage	Manufacturer Reported	130 W
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Wattage

Reported Total Harmonic Distortion  
 Manufacturer Reported 10 %  
 Total Harmonic Distortion

Reported Power Factor  
 Manufacturer Reported 0.9  
 Power Factor

Reported Default Input Wattage 130

Voltage Range  
 Voltage range that, when applied to a product, meet the Technical Requirements 120-277 V

[Tested Photometric Performance](#) [View Details](#)

Tested Light Output  
 Tested light output from submitted test report 17576.7 lm

Tested Efficacy (AC)  
 Tested efficacy for AC products from submitted test report 136.41 lm/W

Tested CCT  
 Tested CCT from submitted LM-79/Color Report 5277 K

Tested CRI (Ra)  
 Tested CRI from submitted LM-79/Color Report 83

Tested R9  
 Tested R9 from submitted LM-79/Color Report 16

Tested IES Rf  
 Tested Rf from submitted LM-79/Color Report 83

Tested IES Rg  
 Tested Rg from submitted LM-79/Color Report 98

Tested IES Rcs,h1  
 Tested Rcs-h1 from submitted LM-79/Color Report -12 %

Tested Duv  
 Tested Duv from submitted LM-79/Color Report 0.0001

[Tested Electrical Performance](#) [View Details](#)

Tested Voltage  
 Tested voltage from submitted test report 120

Tested Input Wattage  
 Tested Input Wattage from submitted test report 128.85 W

Tested Total Harmonic Distortion 7.05 %

Tested Power Factor  
 Tested Power Factor from submitted test report or benchtop measurements 0.9745

[Version History](#) [View Details](#)

<b>Date</b>	<b>Status</b>	<b>Version</b>	<b>Classification</b>
2021-08-30	Listed	5.1	Premium