

DesignLights Consortium



Model Number	PLTM14C312
Product ID	PLGPV7LJNQLM
QPL	Solid State Lighting
Manufacturer	Precision Lighting & Transformer, Inc
Brand Name	PLT
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
DLC Family Code	FFFJQK
Listing Status	Listed
Date Qualified	2021-02-03

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	PLGPV7LJNQLM
Manufacturer Product Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTM14C312
Parent Determines whether a listed product is a Parent (Tested Data)	Yes
Classification QPL Listing Status (Standard/Premium)	Premium
DLC Family Code Unique ID for each product family	FFFJQK
Input Power Type Type of input power that can be supplied to the product (AC, DC, or POE) from manufacturer provided specification sheet	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category Most general product characterization (indoor, outdoor, luminaire, retrofit, lamp)	Indoor Luminaires
General Application Overall type of product (2nd level product characterization)	High-Bay

Primary Use Designation Specific type of product (3rd level product characterization)	High-Bay Luminaires for Commercial and Industrial Buildings
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PRODUCT CAPABILITIES VIEW DETAILS

Integral Controls Capability of a control to be embedded within the product from manufacturer provided specification sheet	Yes
Dimming Capability and Range Ability of product change light level via dimming and to what minimum level from manufacturer provided specification sheet	Continuous Dimming to 10% or below
Sensor Type List of all Sensor types available with product from manufacturer provided specification sheet	Daylight Sensor, Occupancy Sensor
Wired Communication Protocol List of all wired communication protocols available with product from manufacturer provided specification sheet	0-10V
Wireless Communication Protocol List of all wireless communication protocols available with product from manufacturer provided specification sheet	No Wireless Protocol
Field Adjustable Light Output	FALSE
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 Capability of product whose light distribution can be intentionally adjusted from the default factory	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output Manufacturer Reported Light Output	34680 lm
Reported Efficacy (AC) Manufacturer Reported Efficacy (AC)	136 lm/W
Reported CCT Manufacturer Reported CCT	5000 K
Reported CRI (Ra) Manufacturer Reported CRI (Ra)	82

Reported R9Manufacturer Reported R9	12
Reported IES Rf	80
Reported IES Rg	90
Reported IES Rcs,h1	-12
Reported Default Light OutputManufacturer reported Light output as shipped (Dimmable or field adjustable light output only)	34680 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input WattageManufacturer Reported Wattage	255 W
Reported Total Harmonic DistortionManufacturer Reported Total Harmonic Distortion	10 %
Reported Power FactorManufacturer Reported Power Factor	0.9
Reported Default Input Wattage	255
Voltage RangeVoltage range that, when applied to a product, meet the Technical Requirements	120 - 277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light OutputTested light output from submitted test report	34912.4 lm
Tested Efficacy (AC)Tested efficacy for AC products from submitted test report	140.99 lm/W
Tested CCTTested CCT from submitted LM-79/Color Report	5214 K
Tested CRI (Ra)Tested CRI from submitted LM-79/Color Report	83
Tested R9Tested R9 from submitted LM-79/Color Report	12
Tested IES RfTested Rf from submitted LM-79/Color Report	83
Tested IES RgTested Rg from submitted LM-79/Color Report	96
Tested IES Rcs,h1Tested Rcs-h1 from submitted LM-79/Color Report	-12 %
Tested DuvTested Duv from submitted LM-79/Color Report	0

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

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Tested Voltage Tested voltage from submitted test report	120
Tested Input Wattage Tested Input Wattage from submitted test report	247.63 W
Tested Total Harmonic Distortion	4.22 %
Tested Power Factor Tested Power Factor from submitted test report or benchtop measurements	0.9782

VERSION HISTORY VIEW DETAILS

2021-04-08	Listed	5.1	Premium
2021-02-03	Listed	5.1	Premium