

DesignLights Consortium



PLTBH514

Manufacturer: Precision Lighting & Transformer, Inc

PRODUCT OVERVIEW

Model Number	PLTBH514
Product ID	P7E6BHTZ
QPL	Solid State Lighting
Manufacturer	Precision Lighting & Transformer, Inc
Brand Name	PLT
Primary Use	Replacement Lamps for High-Bay Luminaires (Type B)
DLC Family Code	EEEGFA
Listing Status	Listed
Date Qualified	2021-06-10

[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
	P7E6BHTZ
Manufacturer	Product Manufacturer
	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTBH514
Parent	Determines whether a listed product is a Parent (Tested Data)
	No
Classification	QPL Listing Status (Standard/Premium)
	Standard
DLC Family Code	Unique ID for
	EEEGFA

each product family

Luminaire LengthReported

Product length from manufacturer provided specification sheet in feet, applicable to linear ambient luminaires and linear replacement lamps only 0.74 ft

Input Power TypeType of input power that can be supplied to the product (AC, DC, or POE) from manufacturer provided specification sheet AC

Product Categorization

View Details

CategoryMost general product characterization (indoor, outdoor, luminaire, retrofit, lamp) Mogul (E39) Screw-Base Replacements for HID Lamps

General ApplicationOverall type of product (2nd level product characterization) High-Bay

Primary Use DesignationSpecific type of product (3rd level product characterization) Replacement Lamps for High-Bay Luminaires (Type B)

Product Capabilities

View Details

Integral ControlsCapability of a control to be embedded within the product from manufacturer provided specification sheet No

Dimming Capability and RangeAbility of product change light level via dimming and to what minimum level from manufacturer provided specification sheet Continuous Dimming to 10% or below

Sensor TypeList of all Sensor types available with product from manufacturer provided specification sheet No Sensor

Wired Communication ProtocolList of all wired communication protocols available with product from manufacturer provided specification sheet 0-10V

Wireless Communication ProtocolList of all wireless communication protocols No Wireless Protocol

available with product from
manufacturer provided
specification sheet

Field Adjustable Light Output FALSE

White-TunableAbility of product
to adjust CCT output from
manufacturer provided
specification sheet No

Warm-DimmingCapability of
product to increase CCT output as
light output is dimmed from
manufacturer provided
specification sheet No

Field Adjustable Light
DistributionCapability of product
whose light distribution can be
intentionally adjusted form the
default factory No

Reported Photometric Performance

View Details

Reported Light
OutputManufacturer Reported 20150 lm
Light Output

Reported Efficacy
(AC)Manufacturer Reported 130 lm/W
Efficacy (AC)

Reported CCTManufacturer
Reported CCT 5000 K

Reported CRI (Ra)Manufacturer
Reported CRI (Ra) 80

Reported R9Manufacturer
Reported R9 0

Reported IES Rf 82

Reported IES Rg 94

Reported IES Rcs,h1 -12

Reported Default Light
OutputManufacturer reported
Light output as shipped 20150 lm
(Dimmable or field adjustable
light output only)

Reported Electrical Performance

View Details

Reported Input
WattageManufacturer Reported 155 W
Wattage

Reported Total Harmonic
DistortionManufacturer Reported 20 %

Total Harmonic Distortion

Reported Power

FactorManufacturer Reported 0.9

Power Factor

Reported Default Input Wattage 155

Voltage RangeVoltage range that, when applied to a product, meet the Technical Requirements 100 - 277 V

[Version History](#)

[View Details](#)

Date	Status	Version	Classification
2021-06-10	Listed	5.1	Standard