

DesignLights Consortium



Model Number	PLTBG8241
Product ID	PL04J0IPH0SJ
QPL	Solid State Lighting
Manufacturer	Precision Lighting & Transformer, Inc
Brand Name	PLT
Primary Use	Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type B)
DLC Family Code	CCCHOX
Listing Status	Listed
Date Qualified	2021-07-19

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	PL04J0IPH0SJ
Manufacturer Product Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTBG8241
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 each product family	CCCHOX
Luminaire Length Reported Product length from manufacturer provided specification sheet in feet, applicable to linear ambient luminaires and linear replacement lamps only	0.977 ft
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	Mogul (E39) Screw-Base Replacements for HID Lamps
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characterization (indoor, outdoor, luminaire, retrofit, lamp)	
General ApplicationOverall type of product (2nd level product characterization)	High Output
Primary Use DesignationSpecific type of product (3rd level product characterization)	Replacement Lamps for Outdoor Pole/Arm-mounted Decorative 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 above 10%
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	No Wired Communication Protocol
Wireless Communication ProtocolList of all wireless communication protocols available with product from manufacturer provided specification sheet	RF
Field Adjustable Light Output	TRUE
White-TunableAbility of product to adjust CCT output from manufacturer provided specification sheet	Yes
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 from the default factory	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light OutputManufacturer Reported Light Output	14404 lm
Reported Efficacy (AC)Manufacturer Reported Efficacy (AC)	122.17 lm/W

Reported CCTManufacturer Reported CCT	4000 K
Reported CRI (Ra)Manufacturer Reported CRI (Ra)	80
Reported R9Manufacturer Reported R9	11
Reported IES Rf	84
Reported IES Rg	95
Reported IES Rcs,h1	-12
Reported Default Light OutputManufacturer reported Light output as shipped (Dimmable or field adjustable light output only)	14404 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input WattageManufacturer Reported Wattage	117.9 W
Reported Total Harmonic DistortionManufacturer Reported Total Harmonic Distortion	22.53 %
Reported Power FactorManufacturer Reported Power Factor	0.9017
Reported Minimum Input Wattage	84
Reported Maximum Input Wattage	117.9
Reported Default Input Wattage	117.9
Voltage RangeVoltage range that, when applied to a product, meet the Technical Requirements	120 - 277 V

VERSION HISTORY VIEW DETAILS

2021-07-19	Listed	5.1	Standard
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