DesignLights Consortium

PLTBG823

Manufacturer: Precision Lighting & Transformer, Inc

PRODUCT OVERVIEW

Model Number	PLTBG823
Product ID	PLFJQYPS3NZI
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	CCCHOW
Listing Status	Listed
Date Qualified	2021-07-19

[Product Information] [View Details]

Qualified Product List	Solid State Lighting
Technical Requirements VersionDLC Technical Requirements Version	5.1
Product IDUnique ID for each product	PLFJQYPS3NZI
ManufacturerProduct Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTBG823
ParentDetermines whether a listed product is a Parent (Tested Data)	No
ClassificationQPL Listing Status (Standard/Premium)	Standard
DLC Family CodeUnique ID for	CCCHOW

each product family

Luminaire LengthReported Product length from manufacturer provided specification sheet in feet, applicable to linear ambient luminaires and linear replacment lamps only

0.98 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, lumianire, retrofit, lamp)

Mogul (E39) Screw-Base Replacements for HID Lamps

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

0-10V

Wireless Communication ProtocolList of all wireless communication protocols

RF

available with product from manufacturer provided specification sheet

Field Adjustable Light Output	TRUE
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 Light Output	14868.2 lm
Reported Efficacy (AC)Manufacturer Reported Efficacy (AC)	125.895 lm/W
Reported CCTManufacturer Reported CCT	5000 K
Reported CRI (Ra)Manufacturer Reported CRI (Ra)	82.5
Reported R9Manufacturer Reported R9	8
Reported IES Rf	84
Reported IES Rg	94
Reported IES Rcs,h1	-12
Reported Default Light OutputManufacturer reported Light output as shipped (Dimmable or field adjustable light output only)	14868.2 lm

[Reported Electrical Performance] [View Details]

Reported Input WattageManufacturer Reported Wattage	118.1 W
Reported Total Harmonic DistortionManufacturer Reported	23.3 %

Total Harmonic Distortion

Reported Power
FactorManufacturer Reported   0.9043
Power Factor

Reported Default Input Wattage   118.1

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

| Version History | View Details |

Date	Status	Version	Classification
2021-07-19	Listed	5.1	Standard