

DesignLights Consortium



Model Number	PLTBD16[Blank,P,E]
Product ID	PLIP8PTY78EP
QPL	Solid State Lighting
Manufacturer	Precision Lighting & Transformer, Inc
Brand Name	PLT
Primary Use	Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires
DLC Family Code	BBBFTT
Listing Status	Listed
Date Qualified	2021-07-06

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Product IDUnique ID for each product	PLIP8PTY78EP
ManufacturerProduct Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTBD16[Blank,P,E]
ClassificationQPL Listing Status (Standard/Premium)	Premium
ParentDetermines whether a listed product is a Parent (Tested Data)	Yes
DLC Family CodeUnique ID for each product family	BBBFTT
Technical Requirements VersionDLC Technical Requirements Version	5.1
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)	Outdoor Luminaires
General ApplicationOverall type of product (2nd level product characterization)	Mid Output

Primary Use Designation Specific type of product (3rd level product characterization)	Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires
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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	Exterior Photocell
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	TRUE
White-Tunable Ability of product to adjust CCT output from manufacturer provided specification sheet	Yes
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	5002.4 lm
Reported Efficacy (AC) Manufacturer Reported Efficacy (AC)	147.3 lm/W
Reported CCT Manufacturer Reported CCT	4000 K
Reported CRI (Ra) Manufacturer Reported CRI (Ra)	82

Reported R9Manufacturer Reported R9	1
Reported IES Rf	83
Reported IES Rg	94
Reported IES Rcs,h1	-13
Reported Default Light OutputManufacturer reported Light output as shipped (Dimmable or field adjustable light output only)	5002.4 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input WattageManufacturer Reported Wattage	33.96 W
Reported Total Harmonic DistortionManufacturer Reported Total Harmonic Distortion	20 %
Reported Power FactorManufacturer Reported Power Factor	0.9
Reported Minimum Input Wattage	21
Reported Maximum Input Wattage	33.96
Reported Default Input Wattage	33.96

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light OutputTested light output from submitted test report	5002.4 lm
Tested Efficacy (AC)Tested efficacy for AC products from submitted test report	147.3 lm/W
Tested CCTTested CCT from submitted LM-79/Color Report	4156 K
Tested CRI (Ra)Tested CRI from submitted LM-79/Color Report	82
Tested R9Tested R9 from submitted LM-79/Color Report	1
Tested IES RfTested Rf from submitted LM-79/Color Report	83
Tested IES RgTested Rg from submitted LM-79/Color Report	94
Tested IES Rcs,h1Tested Rcs-h1 from submitted LM-79/Color Report	-13 %
Tested DuvTested Duv from submitted LM-79/Color Report	0.0011

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested VoltageTested voltage from	120
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submitted test report	
Tested Input Wattage Tested Input Wattage from submitted test report	33.96 W
Tested Total Harmonic Distortion	19.1 %
Tested Power Factor Tested Power Factor from submitted test report or benchtop measurements	0.969

VERSION HISTORY VIEW DETAILS

2021-07-06	Listed	5.1	Premium
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