

DesignLights Consortium



Classification	Standard
Primary Use	Internal Driver/Line Voltage (UL Type B) Lamps
Reported Input Wattage	12 W
Reported Light Output	1400 lm
Reported CCT	3000 K
Reported CRI (Ra)	82
Product ID	S-IMP623
DLC Family Code	CCCHXU
Listing Status	Listed
Date Qualified	2023-01-09

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-IMP623
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTSPB2216
Parent	Yes
Classification	Standard
DLC Family Code	CCCHXU
Length	3.0 ft
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Linear Replacement Lamp
General Application	T8 Three-Foot
Primary Use Designation	Internal Driver/Line Voltage (UL Type B) Lamps

PRODUCT CAPABILITIES VIEW DETAILS

Integral Controls	No
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Dimming Capability and Range	Continuous Dimming above 10%
Integral Control Capability	No Control Capability
Sensor Type	No Sensor
SSL V5 Wired Communication Protocol	Phase Cut
SSL V5 Wireless Communication Protocol	No Wireless Protocol
Field Adjustable Light Output	No
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Beam Angle	210 °
Reported Light Output	1400 lm
Reported Efficacy (AC)	117 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	82
Reported R9	12
Reported IES Rf	82
Reported IES Rg	94
Reported IES Rcs,h1	-12
Reported Minimum Light Output	1400 lm
Reported Maximum Light Output	1450 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	6500 K
Reported Default Light Output	1400 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	12 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Maximum Input Wattage	12
Reported Default Input Wattage	12
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	1471 lm
Tested Efficacy (AC)	124.7 lm/W

Tested CCT	3092 K
Tested CRI (Ra)	82
Tested R9	5
Tested IES Rf	84
Tested IES Rg	97
Tested IES Rcs,h1	-12 %
Tested Duv	-0.0014
Tested Beam Angle	205 °

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	277
Tested Input Wattage	11.8 W
Tested Total Harmonic Distortion	23.2 %
Tested Power Factor	0.919

VERSION HISTORY VIEW DETAILS

2023-01-09	Listed	5.1	Standard
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