

DesignLights Consortium



Classification	Standard
Primary Use	Internal Driver/Line Voltage (UL Type B) Lamps
Reported Input Wattage	12.5 W
Reported Light Output	1700 lm
Reported CCT	3000 K
Reported CRI (Ra)	82
Product ID	S-WKGY16
DLC Family Code	XXXFJE
Listing Status	Listed
Date Qualified	2024-01-09

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-WKGY16
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTSPEQ216
Parent	Yes
Classification	Standard
DLC Family Code	XXXFJE
Length	4.0 ft

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Linear Replacement Lamp
General Application	T5 Four-Foot
Primary Use Designation	Internal Driver/Line Voltage (UL Type B) Lamps

CONTROL FEATURES VIEW DETAILS

Integral Controls	No
Dimming Capability and Range	Continuous Dimming above 10%

Integral Control Capability	No Control Capability
Sensor Type	No Sensor
SSL V5 Wired Communication Protocol	Other Wired Communication Protocol
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	170 °
Reported Light Output	1700 lm
Reported Efficacy (AC)	136 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	82
Reported R9	0
Reported IES Rf	70
Reported IES Rg	89
Reported IES Rcs,h1	-11
Reported Minimum Light Output	1700 lm
Reported Maximum Light Output	1800 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	6500 K
Reported Default Light Output	1700 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	12.5 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	12.5 W
Reported Maximum Input Wattage	12.5
Reported Default Input Wattage	12.5 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	1693 lm

Tested Efficacy (AC)	136.2 lm/W
Tested CCT	3086 K
Tested CRI (Ra)	83
Tested R9	8
Tested IES Rf	85
Tested IES Rg	96
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0004
Tested Beam Angle	166 °

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	12.4 W
Tested Total Harmonic Distortion	21.6 %
Tested Power Factor	0.92

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
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VERSION HISTORY VIEW DETAILS

2024-01-09	Listed	5.1	Standard
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