

DesignLights Consortium



Model Number	PLTP3A29
Classification	Standard
Primary Use	Internal Driver/Line Voltage (UL Type B) Lamps
Reported Input Wattage	18 W
Reported Light Output	2200 lm
Reported CCT	3000 K
Reported CRI (Ra)	80
Product ID	S-8VHZCK
DLC Family Code	UUUVRT
Listing Status	Listed
Date Qualified	2024-04-12

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-8VHZCK
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTP3A29
Parent	Yes
Classification	Standard
DLC Family Code	UUUVRT
Length	4.0 ft
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Linear Replacement Lamp
General Application	T8 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 to 10% or below
Integral Control Capability	No
Sensor Type	No
SSL V5 Wired Communication Protocol	0-10V Analog, Phase Cut, 0-10V; Phase-cut
SSL V5 Wireless Communication Protocol	No
Field Adjustable Light Output	No
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Beam Angle	220 °
Reported Light Output	2200 lm
Reported Efficacy (AC)	122.2 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	80
Reported R9	10
Reported IES Rf	85
Reported IES Rg	97
Reported IES Rcs,h1	-11
Reported Minimum Light Output	1560 lm
Reported Maximum Light Output	2200 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	6500 K
Reported Default Light Output	2200 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	18 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	12 W
Reported Maximum Input Wattage	18
Reported Default Input Wattage	18 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	2131 lm
Tested Efficacy (AC)	121.61 lm/W
Tested CCT	2983 K
Tested CRI (Ra)	83
Tested R9	8
Tested IES Rf	85
Tested IES Rg	97
Tested IES Rcs,h1	-11 %
Tested Duv	0.0003
Tested Beam Angle	252 °

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	17.5 W
Tested Total Harmonic Distortion	19.3 %
Tested Power Factor	0.937

VERSION HISTORY VIEW DETAILS

2024-04-12	Listed	5.1	Standard
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