

DesignLights Consortium



Model Number	PLTP24292
Classification	Standard
Primary Use	Internal Driver/Line Voltage (UL Type B) Lamps
Reported Input Wattage	42 W
Reported Light Output	5030 lm
Reported CCT	3000 K
Reported CRI (Ra)	80
Product ID	S-6S78PX
DLC Family Code	BCBAQE
Listing Status	Listed
Date Qualified	2025-02-12

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-6S78PX
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTP24292
Parent	Yes
Classification	Standard
DLC Family Code	BCBAQE
Length	8.0 ft
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Linear Replacement Lamp
General Application	T8 Eight-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	Other Wired Communication Protocol
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	200 °
Reported Light Output	5030 lm
Reported Efficacy (AC)	119.76 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	80
Reported R9	5
Reported IES Rf	84
Reported IES Rg	94
Reported IES Rcs,h1	-12
Reported Minimum Light Output	5000 lm
Reported Maximum Light Output	5030 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	6500 K
Reported Default Light Output	5030 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	42 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	42 W
Reported Maximum Input Wattage	42
Reported Default Input Wattage	42 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	4531 lm
Tested Efficacy (AC)	116.5 lm/W
Tested CCT	3103 K
Tested CRI (Ra)	83
Tested R9	7
Tested IES Rf	85
Tested IES Rg	95
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0006
Tested Beam Angle	196 °

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	38.9 W
Tested Total Harmonic Distortion	23.9 %
Tested Power Factor	0.903

VERSION HISTORY VIEW DETAILS

2025-02-12	Listed	5.1	Standard
------------	--------	-----	----------