

DesignLights Consortium



Classification	Standard
Primary Use	Internal Driver/Line Voltage (UL Type B) Lamps
Reported Input Wattage	40 W
Reported Light Output	5500 lm
Reported CCT	6500 K
Reported CRI (Ra)	82
Product ID	S-1D6XK9
DLC Family Code	EMWAES
Listing Status	Listed
Date Qualified	2021-08-04

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-1D6XK9
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTSP2K216
Parent	Yes
Classification	Standard
DLC Family Code	EMWAES
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
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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	Other Wired Communication Protocol
SSL V5 Wireless Communication Protocol	No Wireless Protocol
Field Adjustable Light Output	No
White-Tunable	No
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Beam Angle	210 °
Reported Light Output	5500 lm
Reported Efficacy (AC)	137 lm/W
Reported CCT	6500 K
Reported CRI (Ra)	82
Reported R9	0
Reported IES Rf	81
Reported IES Rg	94
Reported IES Rcs,h1	-13
Reported Default Light Output	5500 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	40 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Default Input Wattage	40 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	5513 lm
Tested Efficacy (AC)	134.7 lm/W
Tested CCT	6706 K
Tested CRI (Ra)	83
Tested R9	8
Tested IES Rf	83
Tested IES Rg	94

Tested IES Rcs,h1	-13 %
Tested Duv	0.0031
Tested Beam Angle	197 °

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	40.9 W
Tested Total Harmonic Distortion	19.5 %
Tested Power Factor	0.925

VERSION HISTORY VIEW DETAILS

2021-08-04	Listed	5.1	Standard
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