

DesignLights Consortium



Model Number	PLTSNB42143[2;3]
Classification	Standard
Primary Use	Replacement Lamps for Outdoor Pole/Arm-Mounted Decorative Luminaires (Type B)
Reported Input Wattage	47.8 W
Reported Light Output	5118 lm
Reported CCT	3000 K
Reported CRI (Ra)	81
Product ID	S-N82Z8F
DLC Family Code	BSCVJH
Listing Status	Listed
Date Qualified	2025-11-09

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-N82Z8F
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT Solutions
Model Number	PLTSNB42143[2;3]
Parent	No
Classification	Standard
DLC Family Code	BSCVJH
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Mogul (E39) Screw-Base Replacements for HID Lamps
General Application	Mid Output
Primary Use Designation	Replacement Lamps for Outdoor Pole/Arm-Mounted Decorative Luminaires (Type B)

CONTROL FEATURES VIEW DETAILS

Integral Controls	No
Dimming Capability and Range	Stepped Dimmable
Integral Control Capability	No
Sensor Type	No
SSL V5 Wired Communication Protocol	Adjustable current regulation circuit via the toggle switch
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 Light Output	5118 lm
Reported Efficacy (AC)	107.12 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	81
Reported R9	-1
Reported IES Rf	84
Reported IES Rg	96
Reported IES Rcs,h1	-12
Reported Minimum Light Output	5118 lm
Reported Maximum Light Output	5118 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	5118 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	47.8 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	47.8 W
Reported Maximum Input Wattage	47.8
Reported Default Input Wattage	47.8 W
Voltage Range	277-480 V

VERSION HISTORY VIEW DETAILS

2025-11-09	Listed	5.1	Standard
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Product Images shown may not represent all capabilities or aesthetic options available for the associated model number