

# DesignLights Consortium



Model Number	PLTSN7B538[1;2;blank]1[1;2]
Classification	Standard
Primary Use	Replacement Lamps for High-Bay Luminaires (Type B)
Reported Input Wattage	161.2 W
Reported Light Output	23784 lm
Reported CCT	3000 K
Reported CRI (Ra)	82
Product ID	S-YZ8D22
DLC Family Code	<a href="#">KDWMCC</a>
Listing Status	Listed
Date Qualified	2025-11-04

## PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-YZ8D22
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT Solutions
Model Number	PLTSN7B538[1;2;blank]1[1;2]
Parent	Yes
Classification	Standard
DLC Family Code	KDWMCC
Input Power Type	AC

## PRODUCT CATEGORIZATION VIEW DETAILS

Category	Mogul (E39) Screw-Base Replacements for HID Lamps
General Application	High-Bay
Primary Use Designation	Replacement Lamps for High-Bay Luminaires (Type B)

## CONTROL FEATURES VIEW DETAILS

Integral Controls	Yes
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Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No
Sensor Type	Multifunction Sensor, Sensor Receptacle, Daylight Sensing, Occupancy Sensing
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	No
Field Adjustable Light Output	Yes
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

## REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	23784 lm
Reported Efficacy (AC)	147.57 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	82
Reported R9	3
Reported IES Rf	84
Reported IES Rg	96
Reported IES Rcs,h1	-12
Reported Minimum Light Output	17708 lm
Reported Maximum Light Output	23784 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	23784 lm

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	161.2 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	120 W
Reported Maximum Input Wattage	161.2
Reported Default Input Wattage	161.2 W
Voltage Range	120-277 V

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
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Tested Light Output	23784 lm
Tested Efficacy (AC)	147.57 lm/W
Tested CCT	2942 K
Tested CRI (Ra)	82
Tested R9	3
Tested IES Rf	84
Tested IES Rg	96
Tested IES Rcs,h1	-12 %
Tested Duv	0.0003

### TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	161.2 W
Tested Total Harmonic Distortion	11.9 %
Tested Power Factor	0.976

### VERSION HISTORY VIEW DETAILS

2025-11-04	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