

# DesignLights Consortium



Model Number	PLTSNH171Y5[1;2;Blank][1;Blank][3;2;5;1]
Classification	Premium
Primary Use	Architectural Flood and Spot Luminaires
Reported Input Wattage	142.1 W
Reported Light Output	17451 lm
Reported CCT	3000 K
Reported CRI (Ra)	83
Product ID	S-O532YU
DLC Family Code	<a href="#">EMWAOO</a>
Listing Status	Listed
Date Qualified	2022-05-19

## PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-O532YU
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT Solutions
Model Number	PLTSNH171Y5[1;2;Blank][1;Blank][3;2;5;1]
Parent	Yes
Classification	Premium
DLC Family Code	EMWAOO
Input Power Type	AC

## PRODUCT CATEGORIZATION VIEW DETAILS

Category	Outdoor Luminaires
General Application	High Output
Primary Use Designation	Architectural Flood and Spot Luminaires

## CONTROL FEATURES VIEW DETAILS

Integral Controls	Yes
Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No Control Capability
Sensor Type	Exterior Photocell
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	No Wireless Protocol
Field Adjustable Light Output	No
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	Yes
Field Adjustable Distribution Type	Integral FALD

## REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	17451 lm
Reported Efficacy (AC)	122.81 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	83
Reported R9	9
Reported IES Rf	85
Reported IES Rg	96
Reported IES Rcs,h1	-11
Reported Minimum Light Output	17193 lm
Reported Maximum Light Output	17451 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	17451 lm

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	142.1 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	140.0 W
Reported Maximum Input Wattage	142.1
Reported Default Input Wattage	140 W
Voltage Range	120-277 V

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	480
Tested Light Output	17360 lm
Tested Efficacy (AC)	125.4 lm/W
Tested CCT	3033 K
Tested CRI (Ra)	83
Tested R9	9
Tested IES Rf	85
Tested IES Rg	97
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0015
Field Adjustable Light Distribution Setting	No restriction

### TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	138.4 W
Tested Total Harmonic Distortion	9.4 %
Tested Power Factor	0.935

### VERSION HISTORY VIEW DETAILS

2022-05-19	Listed	5.1	Premium
------------	--------	-----	---------