

DesignLights Consortium



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	EMWAOO
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

PRODUCT CAPABILITIES 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 Maximum Input Wattage	142.1
Reported Default Input Wattage	140

Voltage Range	120-277 V
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TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

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 Voltage	480
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
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