

DesignLights Consortium



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Model Number

SU-PT-150W-CCT-[G1;G2;G3]-[Blank; Two characters]

Manufacturer

NETWORK LIGHTING CONTROL INC

Brand

SAMARAUSA

SSL V6.0 Premium

Product ID: S-WLR2W9



Product Overview 19 fields

CATEGORY

Outdoor Luminaires

GENERAL APPLICATION

High Output

PRIMARY USE

Outdoor Pole/Arm-Mounted Area and Roadway Luminaires

CLASSIFICATION

Premium

TECHNICAL REQUIREMENTS VERSION

6.0

DLC FAMILY CODE

[TLLJGQ](#)

BRAND

SAMARAUSA

PARENT

Yes

LISTING STATUS

Listed

DATE QUALIFIED

2026-06-25

REPORTED INPUT WATTAGE

150.9 W

REPORTED LIGHT OUTPUT

24,628 lm

REPORTED CCT

3000 K

REPORTED CRI

72

REPORTED R9

-29

REPORTED IES RF

73

REPORTED IES RG

96

REPORTED IES RCS,H1

-16

INPUT POWER TYPE

AC

SPECIFICATION SHEET
[S-WLR2W9 Specification Sheet](#) Date Updated: 2026-06-12

Version History 1 records

2026-06-25	Listed	6	Premium
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V6.0 Controls Options 1 records

PT	3B	10V (wired)	Continuo us	10%	Dip Switches or Dials	None	3.5mm Phono Jack	Photocell only	Light- depende nt Resistor	N/A	N/A
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V5.1 Control Features 4 fields

INTEGRAL CONTROLS
No

INTEGRAL CONTROL CAPABILITY
No

SENSOR TYPE
No

INTEGRAL CONTROL RECEPTACLE STANDARD
No

Reported Photometric Performance 10 fields

REPORTED LIGHT OUTPUT
24628 lm

REPORTED EFFICACY (AC)

163.24 lm/W

REPORTED CCT

3000 K

REPORTED CRI (RA)

72

REPORTED R9

-29

REPORTED IES RF

73

REPORTED IES RG

96

REPORTED IES RCS,H1

-16

REPORTED DEFAULT LIGHT OUTPUT

24628 lm

REPORTED BUG RATING

B4 U2 G3

Reported Electrical Performance 5 fields**REPORTED INPUT WATTAGE**

150.9 W

REPORTED TOTAL HARMONIC DISTORTION

1.4 %

REPORTED POWER FACTOR

0.998

REPORTED DEFAULT INPUT WATTAGE

151.0 W

VOLTAGE RANGE

120-277 V

Tested Photometric Performance 12 fields

TESTED VOLTAGE FOR MINIMUM EFFICACY

120

TESTED LIGHT OUTPUT

24628 lm

TESTED EFFICACY (AC)

163.24 lm/W

TESTED CCT

3041 K

TESTED CRI (RA)

72

TESTED R9

-29

TESTED IES RF

73

TESTED IES RG

96

TESTED IES RCS,H1

-16 %

TESTED DUV

-0.0036

FIELD ADJUSTABLE LIGHT DISTRIBUTION SETTING

T3, T4, T5 light distribution

TESTED BUG RATING

B4 U3 G4

Tested Electrical Performance 3 fields**TESTED INPUT WATTAGE**

150.87 W

TESTED TOTAL HARMONIC DISTORTION

7.4 %

TESTED POWER FACTOR

0.95

LUNA/Turtle Lighting/Amber No Applicable Data**Field Adjustability** 37 fields**FIELD ADJUSTABLE LIGHT OUTPUT (FALO)**

Yes

FALO LIGHT OUTPUT AND WATTAGE SETTINGS

Light Output	24628 lm	13059 lm	16324 lm	19588 lm	24628 lm	N/A	N/A	N/A	N/A
Wattage	151 W	80 W	100 W	120 W	150.9 W	N/A	N/A	N/A	N/A

FIELD ADJUSTABLE COLOR TEMPERATURE (FACT)

Yes

FACT SETTINGS

3000 K	3000 K	4000 K	5000 K	N/A	N/A	N/A	N/A	N/A
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FIELD ADJUSTABLE LIGHT DISTRIBUTION (FALD)

Yes

FIELD ADJUSTABLE DISTRIBUTION TYPE

Integral FALD

FALD LIGHT DISTRIBUTION SETTINGS

N/A	T3	T4	T5	N/A	N/A	T3, T4, T5 light distribution
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Tunability No Applicable Data**Solar** No Applicable Data**Sustainability** No Applicable Data

Product Images shown may not represent all capabilities or aesthetic options available for the associated model number

