

DesignLights Consortium



Model Number	SU-WP-120W[Blank;BL;WH]-30/40/50K-G2
Classification	Premium
Primary Use	Outdoor Full-Cutoff Wall-Mounted Area Luminaires
Reported Input Wattage	119.8 W
Reported Light Output	17448 lm
Reported CCT	3000 K
Reported CRI (Ra)	83
Product ID	S-LFBCYN
DLC Family Code	WZTSCF
Listing Status	Listed
Date Qualified	2025-11-13

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-LFBCYN
Manufacturer	NETWORK LIGHTING CONTROL INC
Brand	SAMARAUSA
Model Number	SU-WP-120W[Blank;BL;WH]-30/40/50K-G2
Parent	Yes
Classification	Premium
DLC Family Code	WZTSCF
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Outdoor Luminaires
General Application	High Output
Primary Use Designation	Outdoor Full-Cutoff Wall-Mounted Area Luminaires

CONTROL FEATURES VIEW DETAILS

Integral Controls	Yes
Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No
Sensor Type	Exterior Photocell, Sensor Receptacle, Occupancy Sensing
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	Bluetooth
Field Adjustable Light Output	Yes
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	17448 lm
Reported Efficacy (AC)	145.7 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	83
Reported R9	9
Reported IES Rf	84
Reported IES Rg	96
Reported IES Rcs,h1	-12
Reported Minimum Light Output	9000 lm

Reported Maximum Light Output	17448 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	17448 lm
Reported BUG Rating	B3 U3 G2

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	119.8 W
Reported Total Harmonic Distortion	7.9 %
Reported Power Factor	0.967
Reported Minimum Input Wattage	60 W
Reported Maximum Input Wattage	119.8
Reported Default Input Wattage	119.8 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	17521 lm
Tested Efficacy (AC)	145.28 lm/W
Tested CCT	3040 K
Tested CRI (Ra)	83
Tested R9	9
Tested IES Rf	85
Tested IES Rg	97
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0011
Field Adjustable Light Distribution Setting	straight down
Tested BUG Rating	B3 U3 G2

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	120.6 W
Tested Total Harmonic Distortion	7.7 %
Tested Power Factor	0.968

VERSION HISTORY VIEW DETAILS

2025-11-13	Listed	5.1	Premium
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Product Images shown may not represent all capabilities or aesthetic options available for the associated model number