

DesignLights Consortium



Model Number	SU-SB-300WAL-40/50/57K-G2
Classification	Premium
Primary Use	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires
Reported Input Wattage	303.1 W
Reported Light Output	49053 lm
Reported CCT	4000 K
Reported CRI (Ra)	74
Product ID	S-07S2ZY
DLC Family Code	BBCKBP
Listing Status	Listed
Date Qualified	2025-11-19

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-07S2ZY
Manufacturer	NETWORK LIGHTING CONTROL INC
Brand	SAMARAUSA
Model Number	SU-SB-300WAL-40/50/57K-G2
Parent	No
Classification	Premium
DLC Family Code	BBCKBP
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Outdoor Luminaires
General Application	Very High Output
Primary Use Designation	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires

CONTROL FEATURES VIEW DETAILS

Integral Controls	Yes
Dimming Capability and Range	Continuous Dimming above 10%

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	No
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	49053 lm
Reported Efficacy (AC)	161.84 lm/W
Reported CCT	4000 K
Reported CRI (Ra)	74
Reported R9	-22
Reported IES Rf	74
Reported IES Rg	96
Reported IES Rcs,h1	-16
Reported Minimum Light Output	12138 lm
Reported Maximum Light Output	49053 lm
Reported Minimum CCT	4000 K
Reported Maximum CCT	5700 K
Reported Default Light Output	49053 lm
Reported BUG Rating	B5 U0 G5

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	303.1 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	75 W
Reported Maximum Input Wattage	303.1
Reported Default Input Wattage	303.1 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Field Adjustable Light Distribution Setting	Diffuser light angle type T3/T4/T5
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VERSION HISTORY VIEW DETAILS

2025-11-19	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