

# DesignLights Consortium



Model Number	SU-LS-4FT50W[Blank,BL,BR]-xxK-G1
Classification	Premium
Primary Use	Low-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	50 W
Reported Light Output	6500 lm
Reported CCT	3000 K
Reported CRI (Ra)	85
Product ID	S-RXSBXV
DLC Family Code	<a href="#">UUUWBY</a>
Listing Status	Listed
Date Qualified	2025-09-30

## PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-RXSBXV
Manufacturer	NETWORK LIGHTING CONTROL INC
Brand	SAMARAUSA
Model Number	SU-LS-4FT50W[Blank,BL,BR]-xxK-G1
Parent	Yes
Classification	Premium
DLC Family Code	UUUWBY
Input Power Type	AC

## PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Luminaires
General Application	Low-Bay
Primary Use Designation	Low-Bay Luminaires for Commercial and Industrial Buildings

## CONTROL FEATURES VIEW DETAILS

Integral Controls	Yes
Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No
Sensor Type	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	No

## REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	6500 lm
Reported Efficacy (AC)	130 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	85
Reported R9	9
Reported IES Rf	82
Reported IES Rg	98
Reported IES Rcs,h1	-10
Reported Minimum Light Output	1560 lm
Reported Maximum Light Output	6500 lm
Reported Minimum CCT	3000 K

Reported Maximum CCT	6500 K
Reported Default Light Output	6500 lm

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	50 W
Reported Total Harmonic Distortion	5 %
Reported Power Factor	0.99
Reported Minimum Input Wattage	25 W
Reported Maximum Input Wattage	50
Reported Default Input Wattage	50 W
Voltage Range	120-277 V

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	6242 lm
Tested Efficacy (AC)	126.5 lm/W
Tested CCT	3027 K
Tested CRI (Ra)	83
Tested R9	9
Tested IES Rf	84
Tested IES Rg	96
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0005

## TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	49.34 W
Tested Total Harmonic Distortion	10.8 %
Tested Power Factor	0.93

## VERSION HISTORY VIEW DETAILS

2025-09-30	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