

DesignLights Consortium



Model Number	SU-WP-4FT42W-xxK G1
Classification	Premium
Primary Use	Low-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	41.8 W
Reported Light Output	5650 lm
Reported CCT	3000 K
Reported CRI (Ra)	84
Product ID	S-WCTNTV
DLC Family Code	XCRPPP
Listing Status	Listed
Date Qualified	2025-09-10

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-WCTNTV
Manufacturer	NETWORK LIGHTING CONTROL INC
Brand	SAMARAUSA
Model Number	SU-WP-4FT42W-xxK G1
Parent	Yes
Classification	Premium
DLC Family Code	XCRPPP
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	Energy Monitoring, High End Trim
Sensor Type	Multifunction Sensor, Daylight 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	5650 lm
Reported Efficacy (AC)	135.3 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	84
Reported R9	13
Reported IES Rf	85
Reported IES Rg	97
Reported IES Rcs,h1	-11
Reported Minimum Light Output	2706 lm
Reported Maximum Light Output	5650 lm
Reported Minimum CCT	3000 K

Reported Maximum CCT	6500 K
Reported Default Light Output	5650 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	41.8 W
Reported Total Harmonic Distortion	14.7 %
Reported Power Factor	0.954
Reported Minimum Input Wattage	20 W
Reported Maximum Input Wattage	41.8
Reported Default Input Wattage	41.8 W
Voltage Range	100-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	5638 lm
Tested Efficacy (AC)	135.18 lm/W
Tested CCT	3007 K
Tested CRI (Ra)	84
Tested R9	13
Tested IES Rf	85
Tested IES Rg	97
Tested IES Rcs,h1	-11 %
Tested Duv	-0.00017

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	41.7 W
Tested Total Harmonic Distortion	14.7 %
Tested Power Factor	0.954

VERSION HISTORY VIEW DETAILS

2025-09-10	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