



Model Number	SU-T88F50-AB-xxK [G1;G2;G3;G4]
Classification	Standard
Primary Use	Dual Mode Internal Driver (UL Type A and Type B)
Reported Input Wattage	50 W
Reported Light Output	7000 lm
Reported CCT	3000 K
Reported CRI (Ra)	83
Product ID	S-XJBY7T
DLC Family Code	TGPDY
Listing Status	Listed
Date Qualified	2025-09-05

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-XJBY7T
Manufacturer	NETWORK LIGHTING CONTROL INC
Brand	SAMARAUSA
Model Number	SU-T88F50-AB-xxK [G1;G2;G3;G4]
Parent	Yes
Classification	Standard
DLC Family Code	TGPDY
Length	8.0 ft
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Linear Replacement Lamp
General Application	T8 Eight-Foot
Primary Use Designation	Dual Mode Internal Driver (UL Type A and Type B)

CONTROL FEATURES VIEW DETAILS

Integral Controls	No
Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No
Sensor Type	No
SSL V5 Wired Communication Protocol	Phase Cut
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 Beam Angle	149 °
Reported Light Output	7000 lm
Reported Efficacy (AC)	140 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	83
Reported R9	7
Reported IES Rf	84
Reported IES Rg	96
Reported IES Rcs,h1	-11
Reported Minimum Light Output	3500 lm
Reported Maximum Light Output	7000 lm

Reported Minimum CCT	3000 K
Reported Maximum CCT	6500 K
Reported Default Light Output	7000 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	50 W
Reported Total Harmonic Distortion	18.9 %
Reported Power Factor	0.944
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	7059 lm
Tested Efficacy (AC)	141.02 lm/W
Tested CCT	2950 K
Tested CRI (Ra)	83
Tested R9	7
Tested IES Rf	84
Tested IES Rg	96
Tested IES Rcs,h1	-11 %
Tested Duv	-0.00199
Tested Beam Angle	149 °

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	50.06 W
Tested Total Harmonic Distortion	19.5 %

Tested Power Factor	0.937
---------------------	-------

VERSION HISTORY VIEW DETAILS

2025-09-05	Listed	5.1	Standard
------------	--------	-----	----------

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