

DesignLights Consortium



Model Number	S11662
Classification	Standard
Primary Use	Internal Driver/Line Voltage (UL Type B) Lamps
Reported Input Wattage	9.5 W
Reported Light Output	1600 lm
Reported CCT	3000 K
Reported CRI (Ra)	83
Product ID	S-89TDFD
DLC Family Code	BCBAEX
Listing Status	Listed
Date Qualified	2024-05-15

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-89TDFD
Manufacturer	SATCO Products Inc
Brand	Satco
Model Number	S11662
Parent	Yes
Classification	Standard
DLC Family Code	BCBAEX
Length	4.0 ft
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Linear Replacement Lamp
General Application	T8 Four-Foot
Primary Use Designation	Internal Driver/Line Voltage (UL Type B) Lamps

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	No
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Beam Angle	160 °
Reported Light Output	1600 lm
Reported Efficacy (AC)	168.4 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	83
Reported R9	0
Reported IES Rf	85
Reported IES Rg	95
Reported IES Rcs,h1	-12
Reported Minimum CCT	3000 K
Reported Maximum CCT	6500 K
Reported Default Light Output	1600 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	9.5 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Maximum Input Wattage	9.5
Reported Default Input Wattage	9.5 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	1602 lm
Tested Efficacy (AC)	174.1 lm/W

Tested CCT	2974 K
Tested CRI (Ra)	82
Tested R9	4
Tested IES Rf	84
Tested IES Rg	97
Tested IES Rcs,h1	-11 %
Tested Duv	0.00064
Tested Beam Angle	280 °

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	9.2 W
Tested Total Harmonic Distortion	19.9 %
Tested Power Factor	0.905

VERSION HISTORY VIEW DETAILS

2024-05-15	Listed	5.1	Standard
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