

DesignLights Consortium



Classification	Standard
Primary Use	Dual Mode Internal Driver (UL Type A and Type B)
Reported Input Wattage	12 W
Reported Light Output	1425 lm
Reported CCT	3500 K
Reported CRI (Ra)	83
Product ID	S-I8R2WN
DLC Family Code	EMWAVO
Listing Status	Listed
Date Qualified	2022-12-13

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-I8R2WN
Manufacturer	SATCO Products Inc
Brand	SATCO
Model Number	S11760
Parent	Yes
Classification	Standard
DLC Family Code	EMWAVO
Length	2.0 ft
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

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

CONTROL FEATURES VIEW DETAILS

Integral Controls	No
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Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No Control Capability
Sensor Type	No Sensor
SSL V5 Wired Communication Protocol	Phase Cut,Other Wired Communication Protocol
SSL V5 Wireless Communication Protocol	No Wireless Protocol
Field Adjustable Light Output	No
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Beam Angle	220 °
Reported Light Output	1425 lm
Reported Efficacy (AC)	119 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	83
Reported R9	0
Reported IES Rf	85
Reported IES Rg	95
Reported IES Rcs,h1	-12
Reported Minimum Light Output	1425 lm
Reported Maximum Light Output	1450 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	1425 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	12 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	12 W
Reported Maximum Input Wattage	12
Reported Default Input Wattage	12 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	1492.3 lm
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Tested Efficacy (AC)	120.9 lm/W
Tested CCT	3454 K
Tested CRI (Ra)	83.7
Tested R9	9.8
Tested IES Rf	85
Tested IES Rg	96
Tested IES Rcs,h1	-11 %
Tested Duv	0.0001
Tested Beam Angle	212.5 °

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	277
Tested Input Wattage	12.35 W
Tested Total Harmonic Distortion	12.03 %
Tested Power Factor	0.9474

VERSION HISTORY VIEW DETAILS

2022-12-13	Listed	5.1	Standard
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