

DesignLights Consortium



Model Number	LT812840SEDET
Classification	Standard
Primary Use	Internal Driver/Line Voltage (UL Type B) Lamps
Reported Input Wattage	12 W
Reported Light Output	1800 lm
Reported CRI (Ra)	82
Product ID	S-WMSZBS
DLC Family Code	SSSFDN
Listing Status	Listed
Date Qualified	2024-01-22
Reported CCT	4000 K

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-WMSZBS
Manufacturer	EarthTronics Inc.
Brand	EarthTronics
Model Number	LT812840SEDET
Parent	Yes
Classification	Standard
DLC Family Code	SSSFDN
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	No
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Beam Angle	300 °
Reported Light Output	1800 lm
Reported Efficacy (AC)	150 lm/W
Reported CCT	4000 K
Reported CRI (Ra)	82
Reported R9	0
Reported IES Rf	70
Reported IES Rg	89
Reported IES Rcs,h1	-11
Reported Default Light Output	1800 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

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

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	1985 lm
Tested Efficacy (AC)	159.9 lm/W
Tested CCT	3964 K
Tested CRI (Ra)	82
Tested R9	5

Tested IES Rf	84
Tested IES Rg	95
Tested IES Rcs,h1	-12 %
Tested Duv	0.0013
Tested Beam Angle	257 °

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	12.4 W
Tested Total Harmonic Distortion	20.2 %
Tested Power Factor	0.912

VERSION HISTORY VIEW DETAILS

2024-01-22	Listed	5.1	Standard
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Product Images shown may not represent all capabilities or aesthetic options available for the associated model number