

DesignLights Consortium



Model Number	LT810850SEDET
Classification	Standard
Primary Use	Internal Driver/Line Voltage (UL Type B) Lamps
Reported Input Wattage	10.5 W
Reported Light Output	1700 lm
Reported CRI (Ra)	82
Product ID	S-YP0K23
DLC Family Code	XXXFPR
Listing Status	Listed
Date Qualified	2024-06-11
Reported CCT	5000 K

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-YP0K23
Manufacturer	EarthTronics Inc.
Brand	EarthTronics
Model Number	LT810850SEDET
Parent	Yes
Classification	Standard
DLC Family Code	XXXFPR
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 above 10%
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	1700 lm
Reported Efficacy (AC)	161 lm/W
Reported CCT	5000 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	1700 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	10.5 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Default Input Wattage	10.5 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	277
Tested Light Output	1756 lm
Tested Efficacy (AC)	168.4 lm/W
Tested CCT	4970 K
Tested CRI (Ra)	82
Tested R9	9

Tested IES Rf	83
Tested IES Rg	96
Tested IES Rcs,h1	-12 %
Tested Duv	0.0022

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	10.4 W
Tested Total Harmonic Distortion	20.1 %
Tested Power Factor	0.91

VERSION HISTORY VIEW DETAILS

2024-06-11	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