

DesignLights Consortium



Model Number	LT812850BDE
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	PLCRIRG54XIM
DLC Family Code	VVVZLO
Listing Status	Listed
Date Qualified	2020-12-07
Reported CCT	5000 K

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PLCRIRG54XIM
Manufacturer	EarthTronics Inc.
Brand	EarthTronics
Model Number	LT812850BDE
Parent	No
Classification	Standard
DLC Family Code	VVVZLO
Length	4.0 ft
Input Power Type	AC
Notes	Updated on 11/18/2021

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, Input signal from external control source
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	210 °
Reported Light Output	1800 lm
Reported Efficacy (AC)	150 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	82
Reported R9	0
Reported IES Rf	81
Reported IES Rg	94
Reported IES Rcs,h1	-13
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

VERSION HISTORY VIEW DETAILS

2021-11-18	Listed	5.1	Standard
2020-12-07	Listed	5	Standard

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