

DesignLights Consortium



Model Number	LT840840BDEC
Classification	Standard
Primary Use	Internal Driver/Line Voltage (UL Type B) Lamps
Reported Input Wattage	40 W
Reported Light Output	5500 lm
Reported CRI (Ra)	82
Product ID	PL1XAIB9DIIN
DLC Family Code	EMWAJS
Listing Status	Listed
Date Qualified	2021-11-15
Reported CCT	4000 K

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PL1XAIB9DIIN
Manufacturer	EarthTronics Inc.
Brand	EarthTronics
Model Number	LT840840BDEC
Parent	No
Classification	Standard
DLC Family Code	EMWAJS
Length	8.0 ft
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Linear Replacement Lamp
General Application	T8 Eight-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	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	5500 lm
Reported Efficacy (AC)	137 lm/W
Reported CCT	4000 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	5500 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	40 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Default Input Wattage	40 W
Voltage Range	120-277 V

VERSION HISTORY VIEW DETAILS

2021-11-15	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