

DesignLights Consortium



Model Number	LT8WS8CCTDES
Classification	Standard
Primary Use	Internal Driver/Line Voltage (UL Type B) Lamps
Reported Input Wattage	40 W
Reported Light Output	5200 lm
Reported CRI (Ra)	82
Product ID	S-5XKPML
DLC Family Code	SLFAZN
Listing Status	Listed
Date Qualified	2024-04-03
Reported CCT	3000 K

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-5XKPML
Manufacturer	EarthTronics Inc.
Brand	EARTHTRONICS
Model Number	LT8WS8CCTDES
Parent	Yes
Classification	Standard
DLC Family Code	SLFAZN
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	Other Wired Communication Protocol
SSL V5 Wireless Communication Protocol	No
Field Adjustable Light Output	Yes
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Beam Angle	170 °
Reported Light Output	5200 lm
Reported Efficacy (AC)	130 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	82
Reported R9	0
Reported IES Rf	70
Reported IES Rg	89
Reported IES Rcs,h1	-11
Reported Minimum Light Output	3300 lm
Reported Maximum Light Output	5500 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	6500 K
Reported Default Light Output	5200 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	40 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	24 W
Reported Maximum Input Wattage	40
Reported Default Input Wattage	40 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	5259 lm
Tested Efficacy (AC)	128.1 lm/W
Tested CCT	3145 K
Tested CRI (Ra)	83
Tested R9	7
Tested IES Rf	85
Tested IES Rg	95
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0009
Tested Beam Angle	179 °

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	41 W
Tested Total Harmonic Distortion	12.7 %
Tested Power Factor	0.964

VERSION HISTORY VIEW DETAILS

2024-04-03	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