DesignLights Consortium

Classification	Standard
Primary Use	Internal Driver/Line Voltage (UL Type B) Lamps
Reported Input Wattage	12.5 W
Reported Light Output	1800 lm
Reported CCT	5000 K
Reported CRI (Ra)	82
Product ID	PL94QF9X0897
DLC Family Code	ZAZZXR
Listing Status	Listed
Date Qualified	2018-02-14

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PL94QF9X0897
Manufacturer	MaxLite Inc.
Brand	MaxLite
Model Number	L12.5T8SE450-CG
Parent	Yes
Classification	Standard
DLC Family Code	ZAZZXR
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 Control Capability
Sensor Type	No Sensor
SSL V5 Wired Communication Protocol	Phase Cut
SSL V5 Wireless Communication Protocol	No Wireless Protocol
Field Adjustable Light Output	No
White-Tunable	No
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	1800 lm
Reported Efficacy (AC)	144 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	82
Reported R9	0
Reported IES Rf	85
Reported IES Rg	95
Reported IES Rcs,h1	-12
Reported Default Light Output	1800 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	12.5 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Default Input Wattage	12.5 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	277
Tested Light Output	1865 lm
Tested Efficacy (AC)	147.1 lm/W
Tested CCT	5035 K
Tested CRI (Ra)	84
Tested R9	10
Tested IES Rf	84
Tested IES Rg	96

Tested IES Rcs,h1	-12 %
Tested Duv	0.0007

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	12.7 W
Tested Total Harmonic Distortion	21.3 %
Tested Power Factor	0.898

VERSION HISTORY VIEW DETAILS

2022-04-01	Listed	5.1	Standard
2021-02-01	Listed	5	Standard
2020-03-30	Listed	5	Standard
2019-05-15	Listed	4.4	Standard
2018-11-02	Listed	4.4	Standard
2018-05-02	Listed	4.3	Standard
2018-02-06	Listed	4.2	Standard