

DesignLights Consortium



Classification	Standard
Primary Use	Dual Mode Internal Driver (UL Type A and Type B)
Reported Input Wattage	15.5 W
Reported Light Output	1950 lm
Reported CCT	5000 K
Reported CRI (Ra)	83
Product ID	PLVXLG8KIZUW
DLC Family Code	VVXXU
Listing Status	Listed
Date Qualified	2019-02-22

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PLVXLG8KIZUW
Manufacturer	MaxLite Inc.
Brand	MaxLite
Model Number	L12T8AB450-CG
Parent	Yes
Classification	Standard
DLC Family Code	VVXXU
Length	4.0 ft
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Linear Replacement Lamp
General Application	T8 Four-Foot
Primary Use Designation	Dual Mode Internal Driver (UL Type A and Type B)

CONTROL FEATURES VIEW DETAILS

Integral Controls	No
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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	0-10V Analog,Phase Cut,Other Wired Communication Protocol
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 Beam Angle	160 °
Reported Light Output	1950 lm
Reported Efficacy (AC)	126 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	83
Reported R9	10
Reported IES Rf	85
Reported IES Rg	95
Reported IES Rcs,h1	-12
Reported Default Light Output	1950 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	15.5 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Default Input Wattage	15.5 W

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	2093 lm
Tested Efficacy (AC)	129.8 lm/W
Tested CCT	5219 K
Tested CRI (Ra)	86
Tested R9	18
Tested IES Rf	85
Tested IES Rg	95
Tested IES Rcs,h1	-12 %

Tested Duv	0.0004
Tested Beam Angle	162 °

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	16.1 W
Tested Total Harmonic Distortion	9.1 %
Tested Power Factor	0.967

VERSION HISTORY VIEW DETAILS

2022-04-15	Listed	5.1	Standard
2020-11-11	Listed	5.1	Standard
2020-03-30	Listed	5	Standard
2019-02-22	Listed	4.4	Standard