

DesignLights Consortium



Classification	Standard
Primary Use	Internal Driver/Line Voltage (UL Type B) Lamps
Reported Input Wattage	16.5 W
Reported Light Output	2400 lm
Reported CCT	5000 K
Reported CRI (Ra)	82
Product ID	PLCTK6FPJERH
DLC Family Code	ZAZZXS
Listing Status	Listed
Date Qualified	2018-02-06

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PLCTK6FPJERH
Manufacturer	MaxLite Inc.
Brand	MaxLite
Model Number	L16.5T8SE450-CG
Parent	Yes
Classification	Standard
DLC Family Code	ZAZZXS
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 Beam Angle	160 °
Reported Light Output	2400 lm
Reported Efficacy (AC)	145 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	2400 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	16.5 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Default Input Wattage	16.5 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	2414 lm
Tested Efficacy (AC)	148.3 lm/W
Tested CCT	5048 K
Tested CRI (Ra)	85
Tested R9	11
Tested IES Rf	84
Tested IES Rg	96
Tested IES Rcs,h1	-12 %

Tested Duv	0.0003
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TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	277
Tested Input Wattage	16.3 W
Tested Total Harmonic Distortion	22.2 %
Tested Power Factor	0.904

VERSION HISTORY VIEW DETAILS

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