

DesignLights Consortium



Classification	Standard
Primary Use	Internal Driver/Line Voltage (UL Type B) Lamps
Reported Input Wattage	13.5 W
Reported Light Output	1700 lm
Reported CCT	3000 K
Reported CRI (Ra)	82
Product ID	PLV12B1YBIYP
DLC Family Code	CCCGRN
Listing Status	Listed
Date Qualified	2019-04-15

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PLV12B1YBIYP
Manufacturer	SATCO Products Inc
Brand	SATCO PRODUCTS
Model Number	13.5T8/LED/48-830/DIM-BP (S11920)
Parent	Yes
Classification	Standard
DLC Family Code	CCCGRN
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
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Dimming Capability and Range	Continuous Dimming above 10%
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	210 °
Reported Light Output	1700 lm
Reported Efficacy (AC)	125.926 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	82
Reported R9	6
Reported IES Rf	81
Reported IES Rg	94
Reported IES Rcs,h1	-13
Reported Default Light Output	1700 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	13.5 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Default Input Wattage	13.5 W
Voltage Range	120-120 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	1786.6 lm
Tested Efficacy (AC)	130 lm/W
Tested CCT	3044 K
Tested CRI (Ra)	82.3
Tested R9	5.9
Tested IES Rcs,h1	-12 %
Tested Duv	0.0006

Tested Beam Angle	194.6 °
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TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	13.74 W
Tested Total Harmonic Distortion	12.65 %
Tested Power Factor	0.9892

VERSION HISTORY VIEW DETAILS

2021-09-23	Listed	5.1	Standard
2020-03-30	Listed	5	Standard
2019-04-15	Listed	4.4	Standard