

# 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	<a href="#">CCCGRN</a>
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
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

## PRODUCT CAPABILITIES VIEW DETAILS

Integral Controls	No
Dimming Capability and Range	Continuous Dimming above 10%
Integral Control Capability	No Control Capability
Sensor Type	No Sensor
Wired Communication Protocol	Phase Cut
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
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 °

### 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