DesignLights Consortium

Classification	Standard
Primary Use	Internal Driver/Line Voltage (UL Type B) Lamps
Reported Input Wattage	18.5 W
Reported Light Output	2400 lm
Reported CCT	3000 K
Reported CRI (Ra)	83
Product ID	PLNRLCN42WOV
DLC Family Code	VVVYBI
Listing Status	Listed
Date Qualified	2019-04-11

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PLNRLCN42WOV
Manufacturer	SATCO Products Inc
Brand	SATCO
Model Number	S11914
Parent	Yes
Classification	Standard
DLC Family Code	VVVYBI
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 Beam Angle	220 °
Reported Light Output	2400 lm
Reported Efficacy (AC)	130 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	83
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	18.5 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Default Input Wattage	18.5 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	2499 lm
Tested Efficacy (AC)	143.1 lm/W
Tested CCT	3064 K
Tested CRI (Ra)	83
Tested R9	5
Tested IES Rf	85

Tested IES Rg	96
Tested IES Rcs,h1	-11 %
Tested Duv	0.0002
Tested Beam Angle	219 °

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	18 W
Tested Total Harmonic Distortion	20 %
Tested Power Factor	0.936

VERSION HISTORY VIEW DETAILS

2022-03-31	Listed	5.1	Standard
2020-03-30	Listed	5	Standard
2019-04-11	Listed	4.4	Standard