

DesignLights Consortium



Classification	Standard
Primary Use	Internal Driver/Line Voltage (UL Type B) Lamps
Reported Input Wattage	14 W
Reported Light Output	1700 lm
Reported CCT	3000 K
Reported CRI (Ra)	82
Product ID	PLFJY8MPT5PV
DLC Family Code	EMWAEK
Listing Status	Listed
Date Qualified	2021-07-22

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PLFJY8MPT5PV
Manufacturer	SATCO Products Inc
Brand	SATCO PRODUCTS
Model Number	14T8/LED/48-830/BP/USA(S11992)
Parent	Yes
Classification	Standard
DLC Family Code	EMWAEK
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%
Sensor Type	No Sensor
SSL V5 Wired Communication Protocol	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	210 °
Reported Light Output	1700 lm
Reported Efficacy (AC)	121 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	82
Reported R9	0
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	14 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Default Input Wattage	14 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	1743.7 lm
Tested Efficacy (AC)	124.2 lm/W
Tested CCT	3101 K
Tested CRI (Ra)	83
Tested R9	7
Tested IES Rf	84
Tested IES Rg	97
Tested IES Rcs,h1	-12 %

Tested Duv	-0.0024
Tested Beam Angle	185.8 °

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	277
Tested Input Wattage	14.04 W
Tested Total Harmonic Distortion	21.29 %
Tested Power Factor	0.9071

VERSION HISTORY VIEW DETAILS

2021-09-29	Listed	5.1	Standard
2021-07-22	Listed	5.1	Standard