

DesignLights Consortium



Classification	Standard
Primary Use	Replacement Lamps (plug and play) (UL Type A)
Reported Input Wattage	15 W
Reported Light Output	1800 lm
Reported CCT	5000 K
Reported CRI (Ra)	80
Product ID	PHLUT8XV
DLC Family Code	SSSEJZ
Listing Status	Listed
Date Qualified	2021-11-02

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PHLUT8XV
Manufacturer	Technical Consumer Products
Brand	TCP
Model Number	T8042550E
Parent	Yes
Classification	Standard
DLC Family Code	SSSEJZ
Length	4.0 ft
Input Power Type	AC
Notes	Dimmable depending on ballast capability

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Linear Replacement Lamp
General Application	T8 Four-Foot
Primary Use Designation	Replacement Lamps (plug and play) (UL Type A)

PRODUCT CAPABILITIES 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	No 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	248.3 °
Reported Light Output	1800 lm
Reported Efficacy (AC)	120 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	80
Reported R9	3
Reported IES Rf	84
Reported IES Rg	95
Reported IES Rcs,h1	-12
Reported Default Light Output	1800 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	15 W
Reported Total Harmonic Distortion	11 %
Reported Power Factor	0.9
Reported Default Input Wattage	15

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	1946.1 lm
Tested Efficacy (AC)	121.77 lm/W
Tested CCT	4981 K
Tested CRI (Ra)	82.4
Tested R9	6
Tested IES Rf	84
Tested IES Rg	97

Tested IES Rcs,h1	-12 %
Tested Duv	0.00402

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	15.98 W
Tested Total Harmonic Distortion	11.39 %
Tested Power Factor	0.9712

VERSION HISTORY VIEW DETAILS

2021-11-02	Listed	5.1	Standard
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