

DesignLights Consortium



Classification	Standard
Primary Use	Replacement Lamps (plug and play) (UL Type A)
Reported Input Wattage	19 W
Reported Light Output	1900 lm
Reported CCT	2700 K
Reported CRI (Ra)	82
Product ID	PN2Q223I
DLC Family Code	EAEFZN
Listing Status	Listed
Date Qualified	2019-11-04

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PN2Q223I
Manufacturer	Technical Consumer Products
Brand	TCP
Model Number	PLH420127K
Parent	Yes
Classification	Standard
DLC Family Code	EAEFZN
Length	0.6 ft
Input Power Type	AC
Notes	Dimmable depending on ballast capability

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Four Pin-Base Replacement Lamps for CFLs
General Application	Horizontally-Mounted Lamps
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 Light Output	1900 lm
Reported Efficacy (AC)	100 lm/W
Reported CCT	2700 K
Reported CRI (Ra)	82
Reported R9	4
Reported IES Rf	84
Reported IES Rg	93
Reported IES Rcs,h1	-12
Reported Default Light Output	1900 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	19 W
Reported Total Harmonic Distortion	8 %
Reported Power Factor	0.9
Reported Default Input Wattage	19

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	1876 lm
Tested Efficacy (AC)	103.12 lm/W
Tested CCT	2716 K
Tested CRI (Ra)	82

Tested R9	4
Tested IES Rf	84
Tested IES Rg	93
Tested IES Rcs,h1	-12 %
Tested Duv	-0.00015

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	18.2 W
Tested Total Harmonic Distortion	8.2 %
Tested Power Factor	0.989

VERSION HISTORY VIEW DETAILS

2022-08-10	Listed	5.1	Standard
2022-06-30	Delisted	5	Standard
2020-03-30	Listed	5	Standard
2019-11-04	Listed	4.4	Standard