

DesignLights Consortium



Classification	Standard
Primary Use	Internal Driver/Line Voltage (UL Type B) Lamps
Reported Input Wattage	40 W
Reported Light Output	5300 lm
Reported CCT	3000 K
Reported CRI (Ra)	82
Product ID	P9ZMKI4W
DLC Family Code	YYYFCS
Listing Status	Listed
Date Qualified	2022-02-02

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	P9ZMKI4W
Manufacturer	Technical Consumer Products
Brand	TCP
Model Number	LT8F43B230K[Blank, BP]
Parent	Yes
Classification	Standard
DLC Family Code	YYYFCS
Length	8.0 ft
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Linear Replacement Lamp
General Application	T8 Eight-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
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	5300 lm
Reported Efficacy (AC)	132.5 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	5300 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	40 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Default Input Wattage	40
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	5222 lm
Tested Efficacy (AC)	129.8 lm/W
Tested CCT	3155 K
Tested CRI (Ra)	83
Tested R9	6
Tested IES Rf	85
Tested IES Rg	96

Tested IES Rcs,h1	-12 %
Tested Duv	-0.0012
Tested Beam Angle	197 °

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	40 W
Tested Total Harmonic Distortion	20 %
Tested Power Factor	0.924

VERSION HISTORY VIEW DETAILS

2022-02-02	Listed	5.1	Standard
------------	--------	-----	----------