

DesignLights Consortium



Model Number	LT8F4CW5/U5
Classification	Standard
Primary Use	Dual Mode Internal Driver (UL Type A and Type B)
Reported Input Wattage	15.6 W
Reported Light Output	1836 lm
Reported CCT	2700 K
Reported CRI (Ra)	84
Product ID	S-S2V6J9
DLC Family Code	XXXFPA
Listing Status	Listed
Date Qualified	2024-05-29

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-S2V6J9
Manufacturer	Archipelago Lighting, Inc.
Brand	Archipelago
Model Number	LT8F4CW5/U5
Parent	Yes
Classification	Standard
DLC Family Code	XXXFPA
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	Dual Mode Internal Driver (UL Type A and Type B)

CONTROL FEATURES VIEW DETAILS

Integral Controls	No
Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No
Sensor Type	No
SSL V5 Wired Communication Protocol	Phase Cut
SSL V5 Wireless Communication Protocol	No
Field Adjustable Light Output	Yes
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Beam Angle	204 °
Reported Light Output	1836 lm
Reported Efficacy (AC)	117.6 lm/W
Reported CCT	2700 K
Reported CRI (Ra)	84
Reported R9	11
Reported IES Rf	84
Reported IES Rg	97
Reported IES Rcs,h1	-12
Reported Minimum Light Output	941 lm
Reported Maximum Light Output	1836 lm
Reported Minimum CCT	2700 K
Reported Maximum CCT	5000 K
Reported Default Light Output	1836 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	15.6 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.91
Reported Minimum Input Wattage	8 W
Reported Maximum Input Wattage	15.6
Reported Default Input Wattage	15.6 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	1836 lm
Tested Efficacy (AC)	117.6 lm/W
Tested CCT	2710 K
Tested CRI (Ra)	84
Tested R9	11
Tested IES Rf	85
Tested IES Rg	97
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0017
Tested Beam Angle	271 °

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	15.6 W
Tested Total Harmonic Distortion	15 %
Tested Power Factor	0.91

VERSION HISTORY VIEW DETAILS

2024-05-29	Listed	5.1	Standard
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