

DesignLights Consortium



Model Number	LT8F4CW5/DE5
Classification	Standard
Primary Use	Internal Driver/Line Voltage (UL Type B) Lamps
Reported Input Wattage	17.4 W
Reported Light Output	2200 lm
Reported CCT	2700 K
Reported CRI (Ra)	83
Product ID	S-Y1LXVG
DLC Family Code	RRRYHJ
Listing Status	Listed
Date Qualified	2024-06-04

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-Y1LXVG
Manufacturer	Archipelago Lighting, Inc.
Brand	Archipelago
Model Number	LT8F4CW5/DE5
Parent	Yes
Classification	Standard
DLC Family Code	RRRYHJ
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
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	216 °
Reported Light Output	2200 lm
Reported Efficacy (AC)	126.36 lm/W
Reported CCT	2700 K
Reported CRI (Ra)	83
Reported R9	8
Reported IES Rf	84
Reported IES Rg	97
Reported IES Rcs,h1	-12
Reported Minimum Light Output	1011 lm
Reported Maximum Light Output	2200 lm
Reported Minimum CCT	2700 K
Reported Maximum CCT	5000 K
Reported Default Light Output	2200 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	17.4 W
Reported Total Harmonic Distortion	19.6 %
Reported Power Factor	0.936
Reported Minimum Input Wattage	8 W
Reported Maximum Input Wattage	17.4
Reported Default Input Wattage	17.4 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	2200 lm
Tested Efficacy (AC)	126.36 lm/W
Tested CCT	2735 K
Tested CRI (Ra)	83
Tested R9	8
Tested IES Rf	84
Tested IES Rg	97
Tested IES Rcs,h1	-12 %
Tested Duv	-0.0018
Tested Beam Angle	216 °

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	17.4 W
Tested Total Harmonic Distortion	19.6 %
Tested Power Factor	0.936

VERSION HISTORY VIEW DETAILS

2024-06-04	Listed	5.1	Standard
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