

# DesignLights Consortium



Model Number	LFRM 2X2 ALO3 SWW7 MVOLT [All Options]
Classification	Premium
Primary Use	2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces
Reported Input Wattage	39.4 W
Reported Light Output	5006 lm
Reported CCT	3500 K
Reported CRI (Ra)	80
Product ID	S-02S0GF
DLC Family Code	<a href="#">DDDLXN</a>
Listing Status	Listed
Date Qualified	2024-02-21

## PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-02S0GF
Manufacturer	Acuity Brands Lighting
Brand	Lithonia
Model Number	LFRM 2X2 ALO3 SWW7 MVOLT [All Options]
Parent	Yes
Classification	Premium
DLC Family Code	DDDLXN
Input Power Type	AC
Notes	Model number may be followed by M and a number noting the quantity of fixtures per box.

## PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Luminaires
General Application	Troffer
Primary Use Designation	2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces

## 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	0-10V Analog
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 Light Output	5006 lm
Reported Efficacy (AC)	127.1 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	80
Reported R9	12
Reported IES Rf	85
Reported IES Rg	96
Reported IES Rcs,h1	-11
Reported Minimum Light Output	3130 lm
Reported Maximum Light Output	5219 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	5177 lm

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	39.4 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	23 W
Reported Maximum Input Wattage	39.4
Reported Default Input Wattage	38.4 W
Voltage Range	120-277 V

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	5006 lm
Tested Efficacy (AC)	127.1 lm/W
Tested CCT	3484 K
Tested CRI (Ra)	84
Tested R9	12
Tested IES Rf	85
Tested IES Rg	96
Tested IES Rcs,h1	-11 %
Tested Duv	-0.00053

### TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	39.4 W
Tested Total Harmonic Distortion	14 %
Tested Power Factor	0.907

### VERSION HISTORY VIEW DETAILS

2024-02-21	Listed	5.1	Premium
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