

DesignLights Consortium



Model Number	LFRM 2X4 ALO8 SWW7 MVOLT [All Options]
Classification	Premium
Primary Use	2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces
Reported Input Wattage	47 W
Reported Light Output	6136 lm
Reported CCT	3500 K
Reported CRI (Ra)	80
Product ID	S-2B62QY
DLC Family Code	DDDLXN
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-2B62QY
Manufacturer	Acuity Brands Lighting
Brand	Lithonia
Model Number	LFRM 2X4 ALO8 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	2x4 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	6136 lm
Reported Efficacy (AC)	130.66 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	80
Reported R9	13
Reported IES Rf	85
Reported IES Rg	96
Reported IES Rcs,h1	-11
Reported Minimum Light Output	4190 lm
Reported Maximum Light Output	6404 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	6334 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	47 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	30.2 W
Reported Maximum Input Wattage	47
Reported Default Input Wattage	46.6 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	6136 lm
Tested Efficacy (AC)	130.66 lm/W
Tested CCT	3481 K
Tested CRI (Ra)	84
Tested R9	13
Tested IES Rf	85
Tested IES Rg	96
Tested IES Rcs,h1	-11 %
Tested Duv	-0.00058

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	47 W
Tested Total Harmonic Distortion	14.8 %
Tested Power Factor	0.916

VERSION HISTORY VIEW DETAILS

2024-02-21	Listed	5.1	Premium
------------	--------	-----	---------