

DesignLights Consortium



Model Number	MLFP24E27WCS[all options]
Classification	Standard
Primary Use	2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces
Reported Input Wattage	45 W
Reported Light Output	4900 lm
Reported CCT	3500 K
Reported CRI (Ra)	80
Product ID	S-R5KK9C
DLC Family Code	MMMTEQ
Listing Status	Listed
Date Qualified	2024-01-30

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-R5KK9C
Manufacturer	MaxLite Inc.
Brand	Maxlite
Model Number	MLFP24E27WCS[all options]
Parent	Yes
Classification	Standard
DLC Family Code	MMMTEQ
Input Power Type	AC

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
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Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No Control Capability
Sensor Type	No Sensor
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	No Wireless Protocol
Field Adjustable Light Output	Yes
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	4900 lm
Reported Efficacy (AC)	110 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	80
Reported R9	8
Reported IES Rf	80
Reported IES Rg	90
Reported IES Rcs,h1	-15
Reported Minimum Light Output	3100 lm
Reported Maximum Light Output	4900 lm
Reported Minimum CCT	3500.0 K
Reported Maximum CCT	5000.0 K
Reported Default Light Output	3100 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	45 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	27 W
Reported Maximum Input Wattage	45
Reported Default Input Wattage	27 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	5169 lm

Tested Efficacy (AC)	114.16 lm/W
Tested CCT	3562 K
Tested CRI (Ra)	84
Tested R9	12
Tested IES Rf	84
Tested IES Rg	96
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0012

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	45.3 W
Tested Total Harmonic Distortion	13.3 %
Tested Power Factor	0.974

VERSION HISTORY VIEW DETAILS

2024-02-26	Listed	5.1	Standard
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