

DesignLights Consortium



Model Number	MLFP22E18WCS[all options]
Classification	Standard
Primary Use	2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces
Reported Input Wattage	36 W
Reported Light Output	3820 lm
Reported CCT	3500 K
Reported CRI (Ra)	80
Product ID	S-8BN5Z5
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-8BN5Z5
Manufacturer	MaxLite Inc.
Brand	Maxlite
Model Number	MLFP22E18WCS[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	2x2 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	3820 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	2000 lm
Reported Maximum Light Output	3820 lm
Reported Minimum CCT	3500.0 K
Reported Maximum CCT	5000.0 K
Reported Default Light Output	2000 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	36 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	18 W
Reported Maximum Input Wattage	36
Reported Default Input Wattage	18 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	4197 lm

Tested Efficacy (AC)	115.78 lm/W
Tested CCT	3544 K
Tested CRI (Ra)	84
Tested R9	11
Tested IES Rf	84
Tested IES Rg	96
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0009

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	36.3 W
Tested Total Harmonic Distortion	12.3 %
Tested Power Factor	0.97

VERSION HISTORY VIEW DETAILS

2024-02-26	Listed	5.1	Standard
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