

DesignLights Consortium



Model Number	MS24PL72[BLANK/S/B]-CCT
Classification	Premium
Primary Use	2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces
Reported Input Wattage	70.4 W
Reported Light Output	9259 lm
Reported CCT	3500 K
Reported CRI (Ra)	83
Product ID	S-IBSP28
DLC Family Code	DDDLUF
Listing Status	Listed
Date Qualified	2023-04-11

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-IBSP28
Manufacturer	Dongguan Mason Technology Co., Ltd
Brand	Mason Lighting
Model Number	MS24PL72[BLANK/S/B]-CCT
Parent	Yes
Classification	Premium
DLC Family Code	DDDLUF
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	Yes
Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No
Sensor Type	Occupancy Sensing
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	Bluetooth
Field Adjustable Light Output	No
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	9259 lm
Reported Efficacy (AC)	131.5 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	83
Reported R9	7
Reported IES Rf	83
Reported IES Rg	97
Reported IES Rcs,h1	-12
Reported Minimum Light Output	9259 lm
Reported Maximum Light Output	9757 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	6500 K
Reported Default Light Output	9259 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	70.4 W
Reported Total Harmonic Distortion	13.6 %
Reported Power Factor	0.956
Reported Minimum Input Wattage	70.4 W
Reported Maximum Input Wattage	70.4
Reported Default Input Wattage	70.4 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
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Tested Light Output	9281 lm
Tested Efficacy (AC)	131.88 lm/W

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	70.4 W
Tested Total Harmonic Distortion	13.6 %
Tested Power Factor	0.956

VERSION HISTORY VIEW DETAILS

2023-04-11	Listed	5.1	Premium
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Product Images shown may not represent all capabilities or aesthetic options available for the associated model number