

DesignLights Consortium



Classification	Standard
Primary Use	2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces
Reported Input Wattage	47.9 W
Reported Light Output	5510 lm
Reported CCT	3500 K
Reported CRI (Ra)	84
Product ID	S-MH6BCX
DLC Family Code	SLFAQA
Listing Status	Listed
Date Qualified	2023-06-30

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-MH6BCX
Manufacturer	SATCO Products Inc
Brand	SATCO/NUVO
Model Number	65/693
Parent	Yes
Classification	Standard
DLC Family Code	SLFAQA
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
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	5510 lm
Reported Efficacy (AC)	115.12 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	84
Reported R9	12
Reported IES Rf	84
Reported IES Rg	96
Reported IES Rcs,h1	-11
Reported Minimum Light Output	3300 lm
Reported Maximum Light Output	5510 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	5510 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	47.9 W
Reported Total Harmonic Distortion	12.4 %
Reported Power Factor	0.947
Reported Minimum Input Wattage	30 W
Reported Maximum Input Wattage	47.9
Reported Default Input Wattage	47.9 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	5509 lm
Tested Efficacy (AC)	115.12 lm/W
Tested CCT	3483 K

Tested CRI (Ra)	84
Tested R9	12
Tested IES Rf	84
Tested IES Rg	96
Tested IES Rcs,h1	-12 %
Tested Duv	-0.0014

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	47.9 W
Tested Total Harmonic Distortion	12.4 %
Tested Power Factor	0.947

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
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VERSION HISTORY VIEW DETAILS

2023-06-30	Listed	5.1	Standard
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