DesignLights Consortium

Classification	Standard
Primary Use	Direct Linear Ambient Luminaires
Reported Input Wattage	50 W
Reported Light Output	6000 lm
Reported CCT	3500 K
Reported CRI (Ra)	95
Product ID	S-M3874Y
DLC Family Code	EMWBCN
Listing Status	Listed
Date Qualified	2023-07-17

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-M3874Y
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTMA4532421
Parent	Yes
Classification	Standard
DLC Family Code	EMWBCN
Length	4.0 ft
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Luminaires
General Application	Linear Ambient
Primary Use Designation	Direct Linear Ambient Luminaires

PRODUCT CAPABILITIES VIEW DETAILS

Integral Controls	Yes
Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No Control Capability
Sensor Type	Multifunction 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	6000 lm
Reported Efficacy (AC)	120 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	95
Reported R9	71
Reported IES Rf	90
Reported IES Rg	97
Reported IES Rcs,h1	-5
Reported Minimum Light Output	4880 lm
Reported Maximum Light Output	6000 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	6000 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	50 W
Reported Total Harmonic Distortion	6 %
Reported Power Factor	0.953
Reported Minimum Input Wattage	40 W
Reported Maximum Input Wattage	50
Reported Default Input Wattage	50 W

Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	5795 lm
Tested Efficacy (AC)	119.95 lm/W
Tested CCT	3476 K
Tested CRI (Ra)	95
Tested R9	71
Tested IES Rf	90
Tested IES Rg	97
Tested IES Rcs,h1	-5 %
Tested Duv	0.001

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	48.3 W
Tested Total Harmonic Distortion	6.4 %
Tested Power Factor	0.953

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File

VERSION HISTORY VIEW DETAILS

2023-07-17	Listed	5.1	Standard