

DesignLights Consortium



Classification	Standard
Primary Use	Retrofit Kits for Direct Linear Ambient Luminaires
Reported Input Wattage	48.6 W
Reported Light Output	6350 lm
Reported CCT	3000 K
Reported CRI (Ra)	85
Product ID	S-MD2R0U
DLC Family Code	SSSEVA
Listing Status	Listed
Date Qualified	2023-03-29

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-MD2R0U
Manufacturer	Light Efficient Design
Brand	REMPHOS OR LIGHT EFFICIENT DESIGN
Model Number	RP-LBIMAX-4F-48W-XXK-[WC,C]-[HV,Blank]- [OC,OCRF,OCBT,BT,Blank]-[EM1,EM2,EM3,EM4,EM5,Blank]- [BAA,AA,Blank]
Parent	Yes
Classification	Standard
DLC Family Code	SSSEVA
Length	4.0 ft
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Retrofit Kit
General Application	Linear Ambient

Primary Use Designation	Retrofit Kits for Direct Linear Ambient Luminaires
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CONTROL FEATURES VIEW DETAILS

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

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	6350 lm
Reported Efficacy (AC)	130.7 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	85
Reported R9	18
Reported IES Rf	86
Reported IES Rg	97
Reported IES Rcs,h1	-10
Reported Minimum Light Output	3921 lm
Reported Maximum Light Output	6350 lm
Reported Minimum CCT	3000.0 K
Reported Maximum CCT	5000.0 K
Reported Default Light Output	6350 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	48.6 W
Reported Total Harmonic Distortion	10.2 %
Reported Power Factor	0.968
Reported Minimum Input Wattage	30 W

Reported Maximum Input Wattage	48.6
Reported Default Input Wattage	48.6 W
Voltage Range	100-347 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	6365 lm
Tested Efficacy (AC)	131.2 lm/W
Tested CCT	2989 K
Tested CRI (Ra)	85
Tested R9	18
Tested IES Rf	86
Tested IES Rg	97
Tested IES Rcs,h1	-10 %
Tested Duv	-0.0019

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	48.5 W
Tested Total Harmonic Distortion	10.7 %
Tested Power Factor	0.971

LISTING INFORMATION VIEW DETAILS

Testing in a Manufacturer-Selected Housing (Luminaire Specific)	General Purpose
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VERSION HISTORY VIEW DETAILS

2023-04-19	Listed	5.1	Standard
2023-03-29	Listed	5.1	Standard