

DesignLights Consortium



Classification	Standard
Primary Use	Direct Linear Ambient Luminaires
Reported Input Wattage	65 W
Reported Light Output	7800 lm
Reported CCT	3500 K
Reported CRI (Ra)	83
Product ID	S-RHNCU7
DLC Family Code	EMWBCM
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-RHNCU7
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTMA8332411
Parent	Yes
Classification	Standard
DLC Family Code	EMWBCM
Length	8.0 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	No
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	7800 lm
Reported Efficacy (AC)	120 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	83
Reported R9	11
Reported IES Rf	84
Reported IES Rg	96
Reported IES Rcs,h1	-12
Reported Minimum Light Output	7800 lm
Reported Maximum Light Output	8060 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	7800 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	65 W
Reported Total Harmonic Distortion	9.1 %
Reported Power Factor	0.979
Reported Maximum Input Wattage	65
Reported Default Input Wattage	65 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	7136 lm
Tested Efficacy (AC)	119.7 lm/W
Tested CCT	3423 K
Tested CRI (Ra)	83
Tested R9	11
Tested IES Rf	84
Tested IES Rg	96
Tested IES Rcs,h1	-12 %
Tested Duv	0.0002

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	59.6 W
Tested Total Harmonic Distortion	9.1 %
Tested Power Factor	0.979

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
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VERSION HISTORY VIEW DETAILS

2023-07-17	Listed	5.1	Standard
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