

DesignLights Consortium



Classification	Standard
Primary Use	Direct Linear Ambient Luminaires
Reported Input Wattage	40 W
Reported Light Output	5240 lm
Reported CCT	5000 K
Reported CRI (Ra)	82
Product ID	PL0H77EM7NCL
DLC Family Code	IIINVU
Listing Status	Listed
Date Qualified	2022-08-16

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PL0H77EM7NCL
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTM342132
Parent	Yes
Classification	Standard
DLC Family Code	IIINVU
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	No
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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	No
White-Tunable	No
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	5240 lm
Reported Efficacy (AC)	131 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	82
Reported R9	9
Reported IES Rf	80
Reported IES Rg	90
Reported IES Rcs,h1	-12
Reported Default Light Output	5240 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	40 W
Reported Total Harmonic Distortion	10 %
Reported Power Factor	0.9
Reported Default Input Wattage	40
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	5239 lm
Tested Efficacy (AC)	131.97 lm/W
Tested CCT	4867 K
Tested CRI (Ra)	83
Tested R9	9
Tested IES Rf	83
Tested IES Rg	96
Tested IES Rcs,h1	-12 %

Tested Duv

0.00224

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	39.7 W
Tested Total Harmonic Distortion	6.5 %
Tested Power Factor	0.954

VERSION HISTORY VIEW DETAILS

2022-08-16	Listed	5.1	Standard
2022-06-30	Delisted	5	Premium
2020-03-30	Listed	5	Premium
2020-02-18	Listed	4.4	Premium