

DesignLights Consortium



Classification	Standard
Primary Use	Direct Linear Ambient Luminaires
Reported Input Wattage	30 W
Reported Light Output	4080 lm
Reported CCT	3500 K
Reported CRI (Ra)	82
Product ID	PVCL48C2
DLC Family Code	EEEGKG
Listing Status	Listed
Date Qualified	2021-09-03

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PVCL48C2
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTM348142
Parent	Yes
Classification	Standard
DLC Family Code	EEEGKG
Length	4 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
Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No Control Capability
Sensor Type	No Sensor
Wired Communication Protocol	0-10V Analog
Wireless Communication Protocol	No Wireless Protocol
Field Adjustable Light Output	TRUE
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	4080 lm
Reported Efficacy (AC)	136 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	82
Reported R9	3
Reported IES Rf	80
Reported IES Rg	90
Reported IES Rcs,h1	-12
Reported Default Light Output	4080 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	30 W
Reported Total Harmonic Distortion	10 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	18
Reported Maximum Input Wattage	30
Reported Default Input Wattage	30
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	4032 lm
Tested Efficacy (AC)	140 lm/W

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	28.9 W
Tested Total Harmonic Distortion	3.21 %
Tested Power Factor	0.9976

VERSION HISTORY VIEW DETAILS

2021-09-03	Listed	5.1	Standard
------------	--------	-----	----------