

DesignLights Consortium



Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	300 W
Reported Light Output	40800 lm
Reported CCT	5000 K
Reported CRI (Ra)	82
Product ID	PLLRVGQW
DLC Family Code	YYYEXE
Listing Status	Listed
Date Qualified	2021-08-31

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PLLRVGQW
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTM149412
Parent	Yes
Classification	Premium
DLC Family Code	YYYEXE
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Luminaires
General Application	High-Bay
Primary Use Designation	High-Bay Luminaires for Commercial and Industrial Buildings

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	Daylight Sensing, Occupancy Sensing
Wired Communication Protocol	0-10V Analog
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	40800 lm
Reported Efficacy (AC)	136 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	82
Reported R9	11
Reported IES Rf	80
Reported IES Rg	90
Reported IES Rcs,h1	-12
Reported Default Light Output	40800 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	300 W
Reported Total Harmonic Distortion	10 %
Reported Power Factor	0.9
Reported Default Input Wattage	300
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	41587 lm
Tested Efficacy (AC)	140.43 lm/W
Tested CCT	4970 K
Tested CRI (Ra)	82.31
Tested R9	11.3
Tested IES Rf	82
Tested IES Rg	96
Tested IES Rcs,h1	-12 %
Tested Duv	0.001

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	296.13 W
Tested Total Harmonic Distortion	10.1 %
Tested Power Factor	0.9695

VERSION HISTORY VIEW DETAILS

2021-08-30	Listed	5.1	Premium
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