

DesignLights Consortium



Model Number	PLTBN 23X1
Classification	Premium
Primary Use	Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires
Reported Input Wattage	50 W
Reported Light Output	7000 lm
Reported CCT	5000 K
Reported CRI (Ra)	80
Product ID	S-O5NVEH
DLC Family Code	CCCHWK
Listing Status	Listed
Date Qualified	2022-10-18

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-O5NVEH
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTBN 23X1
Parent	Yes
Classification	Premium
DLC Family Code	CCCHWK
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Outdoor Luminaires
General Application	Mid Output
Primary Use Designation	Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires

CONTROL FEATURES VIEW DETAILS

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

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	7000 lm
Reported Efficacy (AC)	140 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	80
Reported R9	6
Reported IES Rf	83
Reported IES Rg	97
Reported IES Rcs,h1	-12
Reported Default Light Output	6750 lm
Reported BUG Rating	B2 U3 G4

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	50 W
Reported Total Harmonic Distortion	7 %
Reported Power Factor	0.9
Reported Default Input Wattage	50 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	7775 lm
Tested Efficacy (AC)	152.51 lm/W
Tested CCT	4992 K
Tested CRI (Ra)	83

Tested R9	6
Tested IES Rf	83
Tested IES Rg	97
Tested IES Rcs,h1	-12 %
Tested Duv	0.001
Tested BUG Rating	B2 U3 G4

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	51 W
Tested Total Harmonic Distortion	7.6 %
Tested Power Factor	0.989

VERSION HISTORY VIEW DETAILS

2022-10-18	Listed	5.1	Premium
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