

# DesignLights Consortium



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	<a href="#">CCCHWK</a>
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

## PRODUCT CAPABILITIES VIEW DETAILS

Integral Controls	Yes
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Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No Control Capability
Sensor Type	Exterior Photocell
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	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
Voltage Range	120-277 V

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

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 ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
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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