

DesignLights Consortium



Classification	Premium
Primary Use	Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires
Reported Input Wattage	20 W
Reported Light Output	2500 lm
Reported CCT	4000 K
Reported CRI (Ra)	82.1
Product ID	PLWV02KJ
DLC Family Code	BBBFLI
Listing Status	Listed
Date Qualified	2020-08-06

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PLWV02KJ
Manufacturer	Keystone Technologies
Brand	Keystone
Model Number	KT-WPLED20-S1-840-VDIM-[blank, B, W] [blank, /MW]
Parent	Yes
Classification	Premium
DLC Family Code	BBBFLI
Input Power Type	AC
Notes	Product Updated 3/16/2021, Updated on 03/31/2021

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Outdoor Luminaires
General Application	Low 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 above 10%
Sensor Type	Occupancy 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	2500 lm
Reported Efficacy (AC)	125 lm/W
Reported CCT	4000 K
Reported CRI (Ra)	82.1
Reported R9	2
Reported IES Rf	83
Reported IES Rg	94
Reported IES Rcs,h1	-13
Reported Default Light Output	2500 lm
Reported BUG Rating	B1 U3 G2

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	20 W
Reported Total Harmonic Distortion	8.08 %
Reported Power Factor	0.993
Reported Default Input Wattage	20 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	2588.4 lm
Tested Efficacy (AC)	131.66 lm/W
Tested CCT	4086 K
Tested CRI (Ra)	82.1
Tested R9	2
Tested IES Rf	83
Tested IES Rg	94

Tested IES Rcs,h1	-13 %
Tested Duv	0.00154
Tested Backlight (TM-15 BUG)	1
Tested BUG Rating	B1 U3 G2

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	277
Tested Input Wattage	19.66 W
Tested Total Harmonic Distortion	11.36 %
Tested Power Factor	0.923

VERSION HISTORY VIEW DETAILS

2021-03-31	Listed	5.1	Premium
2021-03-16	Listed	5.1	Premium
2021-02-12	Listed	5	Premium
2020-08-06	Listed	5	Premium