

# DesignLights Consortium



Classification	Standard
Primary Use	2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces
Reported Input Wattage	50 W
Reported Light Output	5850 lm
Reported CCT	3500 K
Reported CRI (Ra)	83.3
Product ID	P5CHN20W
DLC Family Code	<a href="#">RRRWDN</a>
Listing Status	Listed
Date Qualified	2021-05-04

## PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	P5CHN20W
Manufacturer	Keystone Technologies
Brand	Keystone
Model Number	KT-BPLED50PS-24-8CSA-VDIM /G2 [blank, /FC1-PIR]
Parent	Yes
Classification	Standard
DLC Family Code	RRRWDN
Input Power Type	AC

## PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Luminaires
General Application	Troffer
Primary Use Designation	2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces

## CONTROL FEATURES VIEW DETAILS

Integral Controls	Yes
Dimming Capability and Range	Continuous Dimming to 10% or below

Integral Control Capability	High End Trim
Sensor Type	Daylight Sensor, Occupancy Sensor
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	Bluetooth
Field Adjustable Light Output	Yes
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

## REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	5850 lm
Reported Efficacy (AC)	117 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	83.3
Reported R9	6
Reported IES Rf	96
Reported IES Rg	84
Reported IES Rcs,h1	-12
Reported Minimum Light Output	3850 lm
Reported Maximum Light Output	6200 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	5900 lm

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	50 W
Reported Total Harmonic Distortion	6.86 %
Reported Power Factor	0.9695
Reported Minimum Input Wattage	30 W
Reported Maximum Input Wattage	50
Reported Default Input Wattage	50 W
Voltage Range	120-277 V

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	5825.7 lm
Tested Efficacy (AC)	113.47 lm/W
Tested CCT	3526 K

Tested CRI (Ra)	83.3
Tested R9	6
Tested IES Rf	85
Tested IES Rg	96
Tested IES Rcs,h1	-12 %
Tested Duv	-0.0016

## TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	51.34 W
Tested Total Harmonic Distortion	12.5 %
Tested Power Factor	0.9446

## VERSION HISTORY VIEW DETAILS

2021-05-14	Listed	5.1	Standard
2021-05-04	Listed	5.1	Standard