

# DesignLights Consortium



Classification	Standard
Primary Use	2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces
Reported Input Wattage	45 W
Reported Light Output	5460 lm
Reported CCT	3500 K
Reported CRI (Ra)	84
Product ID	S-FBC68M
DLC Family Code	<a href="#">RRRYAU</a>
Listing Status	Listed
Date Qualified	2023-07-18

## PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-FBC68M
Manufacturer	Keystone Technologies
Brand	Keystone
Model Number	KT-BPLED45PS-24C-8CSA-VDIM [blank, -Options]
Parent	Yes
Classification	Standard
DLC Family Code	RRRYAU
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	LLLC
Sensor Type	Multifunction 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	5460 lm
Reported Efficacy (AC)	121 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	84
Reported R9	12
Reported IES Rf	85
Reported IES Rg	96
Reported IES Rcs,h1	-11
Reported Minimum Light Output	5460 lm
Reported Maximum Light Output	5460 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	5460 lm

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	45 W
Reported Total Harmonic Distortion	9.8 %
Reported Power Factor	0.989
Reported Minimum Input Wattage	30 W
Reported Maximum Input Wattage	45
Reported Default Input Wattage	45 W
Voltage Range	120-277 V

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	5464 lm
Tested Efficacy (AC)	125.64 lm/W

Tested CCT	3522 K
Tested CRI (Ra)	84
Tested R9	12
Tested IES Rf	85
Tested IES Rg	96
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0001

## TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	43.5 W
Tested Total Harmonic Distortion	10.1 %
Tested Power Factor	0.989

## PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	<a href="#">Download File</a>
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## VERSION HISTORY VIEW DETAILS

2023-07-18	Listed	5.1	Standard
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