

DesignLights Consortium



Classification	Standard
Primary Use	Integrated Retrofit Kits for 2x4 Luminaires
Reported Input Wattage	50 W
Reported Light Output	5600 lm
Reported CCT	3500 K
Reported CRI (Ra)	84
Product ID	PCK1SREP
DLC Family Code	BBBFPU
Listing Status	Listed
Date Qualified	2020-12-30

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PCK1SREP
Manufacturer	Keystone Technologies
Brand	Keystone
Model Number	KT-RKIT50PS-24PD-8CSA-VDIM [blank, /FC1-PIR]
Parent	Yes
Classification	Standard
DLC Family Code	BBBFPU
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Retrofit Kit
General Application	Troffer
Primary Use Designation	Integrated Retrofit Kits for 2x4 Luminaires

CONTROL FEATURES VIEW DETAILS

Integral Controls	No
Dimming Capability and Range	Continuous Dimming to 10% or below

Sensor Type	No Sensor
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	No Wireless Protocol
Field Adjustable Light Output	Yes
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	5600 lm
Reported Efficacy (AC)	112 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	84
Reported R9	13
Reported IES Rf	85
Reported IES Rg	98
Reported IES Rcs,h1	-11
Reported Minimum Light Output	3300 lm
Reported Maximum Light Output	5600 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	5600 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	50 W
Reported Total Harmonic Distortion	10.03 %
Reported Power Factor	0.995
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	5593 lm
Tested Efficacy (AC)	111.9 lm/W
Tested CCT	3508 K
Tested CRI (Ra)	84

Tested R9	13
Tested IES Rf	85
Tested IES Rg	98
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0001

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	49.97 W
Tested Total Harmonic Distortion	10.03 %
Tested Power Factor	0.9533

LISTING INFORMATION VIEW DETAILS

Testing in a Manufacturer-Selected Housing (Luminaire Specific)	General Purpose
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VERSION HISTORY VIEW DETAILS

2021-05-14	Listed	5.1	Standard
2020-12-30	Listed	5.1	Standard