

DesignLights Consortium



Classification	Standard
Primary Use	2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces
Reported Input Wattage	30 W
Reported Light Output	3690 lm
Reported CCT	3500 K
Reported CRI (Ra)	83
Product ID	PFBGRT3U
DLC Family Code	DDDLOQ
Listing Status	Listed
Date Qualified	2021-09-02

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PFBGRT3U
Manufacturer	Keystone Technologies
Brand	Keystone
Model Number	KT-CBLED30PS-24B-8CSA-VDIM [blank, -Options]
Parent	Yes
Classification	Standard
DLC Family Code	DDDLOQ
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	No Control Capability
Sensor Type	Daylight Sensing,Occupancy Sensing
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	3690 lm
Reported Efficacy (AC)	123 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	83
Reported R9	8
Reported IES Rf	84
Reported IES Rg	96
Reported IES Rcs,h1	-12
Reported Minimum Light Output	2460 lm
Reported Maximum Light Output	3750 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	3690 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	30 W
Reported Total Harmonic Distortion	7.4 %
Reported Power Factor	0.9917
Reported Minimum Input Wattage	20 W
Reported Maximum Input Wattage	30
Reported Default Input Wattage	30 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	3876 lm
Tested Efficacy (AC)	132.42 lm/W
Tested CCT	3432 K

Tested CRI (Ra)	83
Tested R9	7
Tested IES Rf	84
Tested IES Rg	96
Tested IES Rcs,h1	-12 %
Tested Duv	-0.0002

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	29.27 W
Tested Total Harmonic Distortion	7.94 %
Tested Power Factor	0.971

VERSION HISTORY VIEW DETAILS

2023-03-14	Listed	5.1	Standard
2021-09-02	Listed	5.1	Standard
2021-09-01	Listed	5.1	Standard