

DesignLights Consortium



Classification	Standard
Primary Use	2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces
Reported Input Wattage	35 W
Reported Light Output	4305 lm
Reported CCT	3500 K
Reported CRI (Ra)	82
Product ID	P86VQKZE
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	P86VQKZE
Manufacturer	Keystone Technologies
Brand	Keystone
Model Number	KT-CBLED35PS-22B-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	2x2 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	4305 lm
Reported Efficacy (AC)	123 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	82
Reported R9	5
Reported IES Rf	83
Reported IES Rg	94
Reported IES Rcs,h1	-13
Reported Minimum Light Output	2952 lm
Reported Maximum Light Output	4375 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	4305 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	35 W
Reported Total Harmonic Distortion	6.4 %
Reported Power Factor	0.9944
Reported Minimum Input Wattage	24 W
Reported Maximum Input Wattage	35
Reported Default Input Wattage	35 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	4617.5 lm
Tested Efficacy (AC)	130.36 lm/W
Tested CCT	3458 K

Tested CRI (Ra)	81
Tested R9	4
Tested IES Rf	83
Tested IES Rg	94
Tested IES Rcs,h1	-13 %
Tested Duv	0.0009

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	35.42 W
Tested Total Harmonic Distortion	9.24 %
Tested Power Factor	0.9697

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