

DesignLights Consortium



Classification	Standard
Primary Use	2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces
Reported Input Wattage	49.4 W
Reported Light Output	5577 lm
Reported CCT	3500 K
Reported CRI (Ra)	83
Product ID	S-IKC6XZ
DLC Family Code	EMWAXY
Listing Status	Listed
Date Qualified	2023-03-30

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-IKC6XZ
Manufacturer	Eiko Global, LLC
Brand	EiKO
Model Number	BP1-24PS50S-FCCT-U-(Blank,CR,12)-(Blank,MXX,EB08,EB08-MXX,EB18,EB18-MXX)
Parent	Yes
Classification	Standard
DLC Family Code	EMWAXY
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	No
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Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No Control Capability
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	5577 lm
Reported Efficacy (AC)	112.93 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	83
Reported R9	9
Reported IES Rf	83
Reported IES Rg	96
Reported IES Rcs,h1	-12
Reported Minimum Light Output	3300 lm
Reported Maximum Light Output	5577 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	5577 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	49.4 W
Reported Total Harmonic Distortion	10.5 %
Reported Power Factor	0.956
Reported Minimum Input Wattage	30 W
Reported Maximum Input Wattage	49.4
Reported Default Input Wattage	49.4 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	5577 lm
Tested Efficacy (AC)	112.93 lm/W

Tested CCT	3444 K
Tested CRI (Ra)	83
Tested R9	9
Tested IES Rf	84
Tested IES Rg	95
Tested IES Rcs,h1	-12 %
Tested Duv	-0.0023

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	49.4 W
Tested Total Harmonic Distortion	10.5 %
Tested Power Factor	0.956

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
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VERSION HISTORY VIEW DETAILS

2023-03-30	Listed	5.1	Standard
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