

DesignLights Consortium



Model Number	BQ-FPL-F2X2-50KK-[N,Z]
Classification	Premium
Primary Use	2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces
Reported Input Wattage	50 W
Reported Light Output	6250 lm
Reported CCT	3500 K
Reported CRI (Ra)	80
Product ID	PNCB9ZDK
DLC Family Code	DDDLNE
Listing Status	Listed
Date Qualified	2021-05-10

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PNCB9ZDK
Manufacturer	Shenzhen LiuQin Technology Co., Ltd
Brand	LiuQin
Model Number	BQ-FPL-F2X2-50KK-[N,Z]
Parent	No
Classification	Premium
DLC Family Code	DDDLNE
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	No
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	6250 lm
Reported Efficacy (AC)	125 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	80
Reported R9	7
Reported IES Rf	84
Reported IES Rg	96
Reported IES Rcs,h1	-12
Reported Minimum Light Output	3750 lm
Reported Maximum Light Output	6250 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	6500 K
Reported Default Light Output	6250 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	50 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	30 W
Reported Maximum Input Wattage	50
Reported Default Input Wattage	50 W
Voltage Range	120-347 V

VERSION HISTORY VIEW DETAILS

2021-11-03	Listed	5.1	Premium
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2021-05-14	Listed	5.1	Premium
2021-05-10	Listed	5.1	Premium