

DesignLights Consortium



Model Number	EBPN24-50W103sw-2
Product ID	PL1K8OWL1TI8
QPL	Solid State Lighting
Manufacturer	IRTRONIX INC DBA EURI LIGHTING
Brand Name	EURI LIGHTING
Primary Use	2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces
DLC Family Code	LLL BUP
Listing Status	Listed
Date Qualified	2021-04-15

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PL1K8OWL1TI8
Manufacturer	IRTRONIX INC DBA EURI LIGHTING
Brand	EURI LIGHTING
Model Number	EBPN24-50W103sw-2
Parent	Yes
Classification	Premium
DLC Family Code	LLL BUP
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

PRODUCT CAPABILITIES VIEW DETAILS

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

Wired Communication Protocol	0-10V
Wireless Communication Protocol	No Wireless Protocol
Field Adjustable Light Output	TRUE
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	5835.2 lm
Reported Efficacy (AC)	124.26 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	82.8
Reported R9	6
Reported IES Rf	84
Reported IES Rg	97
Reported IES Rcs,h1	-12
Reported Default Light Output	5835.2 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	46.96 W
Reported Total Harmonic Distortion	7.44 %
Reported Power Factor	0.9037
Reported Minimum Input Wattage	30
Reported Maximum Input Wattage	46.96
Reported Default Input Wattage	46.96
Voltage Range	120 - 277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	5835.2 lm
Tested Efficacy (AC)	124.26 lm/W
Tested CCT	3436 K
Tested CRI (Ra)	82.8
Tested R9	6
Tested IES Rf	84
Tested IES Rg	97
Tested IES Rcs,h1	-12 %
Tested Duv	-0.0005

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	277
Tested Input Wattage	46.96 W
Tested Total Harmonic Distortion	5.6 %
Tested Power Factor	0.9037

VERSION HISTORY VIEW DETAILS

2021-05-14	Listed	5.1	Premium
2021-04-15	Listed	5.1	Premium