

DesignLights Consortium



Model Number	EUD4-50W103sw
Classification	Premium
Primary Use	Direct Linear Ambient Luminaires
Reported Input Wattage	50 W
Reported Light Output	6500 lm
Reported CCT	3000 K
Reported CRI (Ra)	80
Product ID	PLCJCMYTDMJH
DLC Family Code	WWWXJK
Listing Status	Listed
Date Qualified	2020-11-05

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PLCJCMYTDMJH
Manufacturer	IRTRONIX INC DBA EURI LIGHTING
Brand	Euri Lighting
Model Number	EUD4-50W103sw
Parent	Yes
Classification	Premium
DLC Family Code	WWWXJK
Length	4.0 ft
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Luminaires
General Application	Linear Ambient

Primary Use Designation	Direct Linear Ambient Luminaires
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CONTROL FEATURES VIEW DETAILS

Integral Controls	No
Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No
Sensor Type	No
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	No
Field Adjustable Light Output	No
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	6500 lm
Reported Efficacy (AC)	130 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	80
Reported R9	0
Reported Minimum Light Output	6303.2 lm
Reported Maximum Light Output	6500 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	6500 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	50 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	45.8 W
Reported Maximum Input Wattage	47.23
Reported Default Input Wattage	50 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	6101.64 lm
Tested Efficacy (AC)	129.19 lm/W
Tested CCT	2991 K
Tested CRI (Ra)	84
Tested IES Rf	83
Tested IES Rg	96

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	47.23 W
Tested Total Harmonic Distortion	14.6 %
Tested Power Factor	0.928

VERSION HISTORY VIEW DETAILS

2021-09-09	Listed	5.1	Premium
2021-05-14	Listed	5	Premium
2021-03-24	Listed	5	Premium
2020-11-05	Listed	5	Premium