

DesignLights Consortium



Classification	Standard
Primary Use	Linear Ambient Luminaires w/ Indirect component
Reported Input Wattage	50 W
Reported Light Output	5750 lm
Reported CCT	3000 K
Reported CRI (Ra)	80
Product ID	S-H4ZDBI
DLC Family Code	EEEEGRA
Listing Status	Listed
Date Qualified	2022-07-21

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-H4ZDBI
Manufacturer	Online Stores LLC.
Brand	LumeGen
Model Number	LG-LSUD4-50W-30K/40K/50K-S
Parent	Yes
Classification	Standard
DLC Family Code	EEEEGRA
Length	4.0 ft
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Luminaires
General Application	Linear Ambient
Primary Use Designation	Linear Ambient Luminaires w/ Indirect component

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	No
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	5750 lm
Reported Efficacy (AC)	115 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	80
Reported R9	15
Reported IES Rf	86
Reported IES Rg	95
Reported IES Rcs,h1	-11
Reported Minimum CCT	3000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	5750 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	50 W
Reported Maximum Input Wattage	50
Reported Default Input Wattage	50 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	5559 lm
Tested Efficacy (AC)	115.21 lm/W
Tested CCT	2913 K
Tested CRI (Ra)	85

Tested R9	15
Tested IES Rf	85
Tested IES Rg	95
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0018

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	48.3 W
Tested Total Harmonic Distortion	14.4 %
Tested Power Factor	0.93

VERSION HISTORY VIEW DETAILS

2022-07-21	Listed	5.1	Standard
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