

DesignLights Consortium



Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	220 W
Reported Light Output	30000 lm
Reported CCT	3000 K
Reported CRI (Ra)	83
Product ID	S-1K5DTU
DLC Family Code	NNNPKJ
Listing Status	Listed
Date Qualified	2022-12-05

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-1K5DTU
Manufacturer	Archipelago Lighting, Inc.
Brand	Archipelago Lighting, Inc
Model Number	LRHB3W-S4-UA35R
Parent	Yes
Classification	Premium
DLC Family Code	NNNPKJ
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Luminaires
General Application	High-Bay
Primary Use Designation	High-Bay Luminaires for Commercial and Industrial Buildings

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	30000 lm
Reported Efficacy (AC)	136.4 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	83
Reported R9	9
Reported IES Rf	85
Reported IES Rg	96
Reported IES Rcs,h1	-11
Reported Minimum Light Output	24000 lm
Reported Maximum Light Output	30000 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	30000 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	220 W
Reported Total Harmonic Distortion	10 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	165 W
Reported Maximum Input Wattage	220
Reported Default Input Wattage	220 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	26807 lm

Tested Efficacy (AC)	131.59 lm/W
Tested CCT	3024 K
Tested CRI (Ra)	83
Tested R9	9
Tested IES Rf	85
Tested IES Rg	96
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0017

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	203.7 W
Tested Total Harmonic Distortion	15 %
Tested Power Factor	0.919

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
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VERSION HISTORY VIEW DETAILS

2022-12-05	Listed	5.1	Premium
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