

DesignLights Consortium



Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	150 W
Reported Light Output	20000 lm
Reported CCT	3000 K
Reported CRI (Ra)	83
Product ID	S-P2IWDB
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-P2IWDB
Manufacturer	Archipelago Lighting, Inc.
Brand	Archipelago Lighting, Inc
Model Number	LRHB3W-S4-UA30R
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	20000 lm
Reported Efficacy (AC)	133.3 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	83
Reported R9	1
Reported IES Rf	85
Reported IES Rg	97
Reported IES Rcs,h1	-13
Reported Minimum Light Output	13000 lm
Reported Maximum Light Output	20000 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	20000 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	150 W
Reported Total Harmonic Distortion	10 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	90 W
Reported Maximum Input Wattage	150
Reported Default Input Wattage	150 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	19566 lm
Tested Efficacy (AC)	132.45 lm/W

Tested CCT	3044 K
Tested CRI (Ra)	80
Tested R9	-2
Tested IES Rf	83
Tested IES Rg	94
Tested IES Rcs,h1	-12 %
Tested Duv	-0.0014

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	147.7 W
Tested Total Harmonic Distortion	10.5 %
Tested Power Factor	0.935

VERSION HISTORY VIEW DETAILS

2022-12-05	Listed	5.1	Premium
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