

DesignLights Consortium



Model Number	LLSN8-40100CS/RL8[Blank,/EM08][Blank,/MSM,/MSP][Blank,/DCP][Blank,/MAC][Blank,/MJP]
Classification	Standard
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	100 W
Reported Light Output	13500 lm
Reported CCT	3000 K
Reported CRI (Ra)	80
Product ID	S-HJZ8P0
DLC Family Code	<a href="#">XXXFSI</a>
Listing Status	Listed
Date Qualified	2024-08-12

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-HJZ8P0
Manufacturer	Archipelago Lighting, Inc.
Brand	ARCHIPELAGO
Model Number	LLSN8-40100CS/RL8[Blank,/EM08][Blank,/MSM,/MSP][Blank,/DCP][Blank,/MAC][Blank,/MJP]
Parent	Yes
Classification	Standard
DLC Family Code	XXXFSI
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	Yes
Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	LLLC
Sensor Type	Daylight Sensing, Occupancy Sensing
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	Bluetooth
Field Adjustable Light Output	Yes
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

## REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	13500 lm
Reported Efficacy (AC)	135 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	80
Reported R9	0
Reported IES Rf	70
Reported IES Rg	89
Reported IES Rcs,h1	-11
Reported Minimum Light Output	5000 lm
Reported Maximum Light Output	12500 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	13500 lm

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	100 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	40 W
Reported Maximum Input Wattage	100
Reported Default Input Wattage	100 W
Voltage Range	120-277 V

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	13540 lm
Tested Efficacy (AC)	138.4 lm/W
Tested CCT	2950 K
Tested CRI (Ra)	83
Tested R9	9
Tested IES Rf	85
Tested IES Rg	96
Tested IES Rcs,h1	-11 %

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	97.9 W
Tested Total Harmonic Distortion	14.6 %
Tested Power Factor	0.971

VERSION HISTORY VIEW DETAILS

2024-08-12	Listed	5.1	Standard
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