

DesignLights Consortium



Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	97.3 W
Reported Light Output	15783 lm
Reported CCT	5000 K
Reported CRI (Ra)	80
Product ID	S-XNH2WJ
DLC Family Code	ZZZFOV
Listing Status	Listed
Date Qualified	2022-12-08

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-XNH2WJ
Manufacturer	ESL Vision
Brand	ESL Vision
Model Number	ESL-ERHB-90W-150-XX-90D(XX can be any letter)-[ALL MOUNTING OPTION]
Parent	Yes
Classification	Premium
DLC Family Code	ZZZFOV
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
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	No
Warm-Dimming	No
Field Adjustable Light Distribution	Yes
Field Adjustable Distribution Type	Integral FALD

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	15783 lm
Reported Efficacy (AC)	162.14 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	80
Reported R9	1
Reported IES Rf	83
Reported IES Rg	94
Reported IES Rcs,h1	-13
Reported Default Light Output	15783 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	97.3 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Maximum Input Wattage	90
Reported Default Input Wattage	90 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	15783 lm
Tested Efficacy (AC)	162.14 lm/W
Tested CCT	5046 K
Tested CRI (Ra)	83
Tested R9	1

Tested IES Rf	83
Tested IES Rg	94
Tested IES Rcs,h1	-13 %
Tested Duv	0.0031
Field Adjustable Light Distribution Setting	Straight Down

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	97.3 W
Tested Total Harmonic Distortion	15.3 %
Tested Power Factor	0.916

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
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VERSION HISTORY VIEW DETAILS

2022-12-08	Listed	5.1	Premium
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