

DesignLights Consortium



Model Number	ALI-ST4-8FT80W-H1-TCP[Blank;(EM),(EMS),(MS)]
Classification	Standard
Primary Use	Low-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	75.2 W
Reported Light Output	9869 lm
Reported CCT	3500 K
Reported CRI (Ra)	84
Product ID	S-5L9F1G
DLC Family Code	EMWBJW
Listing Status	Listed
Date Qualified	2023-11-22

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-5L9F1G
Manufacturer	American lighting industry corp
Brand	ASTRE LIGHTS
Model Number	ALI-ST4-8FT80W-H1-TCP[Blank;(EM),(EMS),(MS)]
Parent	No
Classification	Standard
DLC Family Code	EMWBJW
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

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

CONTROL FEATURES VIEW DETAILS

Integral Controls	Yes
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Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No Control Capability
Sensor Type	Occupancy Sensing
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	9869 lm
Reported Efficacy (AC)	131.29 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	84
Reported R9	13
Reported IES Rf	84
Reported IES Rg	96
Reported IES Rcs,h1	-11
Reported Minimum Light Output	6500 lm
Reported Maximum Light Output	9869 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	6500 K
Reported Default Light Output	9869 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	75.2 W
Reported Total Harmonic Distortion	13.1 %
Reported Power Factor	0.948
Reported Minimum Input Wattage	50 W
Reported Maximum Input Wattage	75.2
Reported Default Input Wattage	75.2 W
Voltage Range	120-277 V

VERSION HISTORY VIEW DETAILS

2023-11-22	Listed	5.1	Standard
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