



Model Number	ALI-TAA22-7G-40W-S5-TCP[Blank;(MS)]
Classification	Standard
Primary Use	2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces
Reported Input Wattage	38.8 W
Reported Light Output	5138 lm
Reported CCT	3500 K
Reported CRI (Ra)	84
Product ID	S-L82W85
DLC Family Code	EMWBMW
Listing Status	Listed
Date Qualified	2024-02-12

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-L82W85
Manufacturer	American lighting industry corp
Brand	ASTRE LIGHTS
Model Number	ALI-TAA22-7G-40W-S5-TCP[Blank;(MS)]
Parent	Yes
Classification	Standard
DLC Family Code	EMWBMW
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Luminaires
General Application	Troffer
Primary Use Designation	2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces

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	5138 lm
Reported Efficacy (AC)	132.3 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	84
Reported R9	14
Reported IES Rf	85
Reported IES Rg	96
Reported IES Rcs,h1	-11
Reported Minimum Light Output	2500 lm
Reported Maximum Light Output	5138 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	6500 K
Reported Default Light Output	5138 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	38.8 W
Reported Total Harmonic Distortion	17 %
Reported Power Factor	0.967
Reported Minimum Input Wattage	20 W
Reported Maximum Input Wattage	38.8
Reported Default Input Wattage	38.8 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	5138 lm

Tested Efficacy (AC)	132.3 lm/W
Tested CCT	3488 K
Tested CRI (Ra)	84
Tested R9	14
Tested IES Rf	85
Tested IES Rg	96
Tested IES Rcs,h1	-11 %
Tested Duv	0.0004

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	38.8 W
Tested Total Harmonic Distortion	17 %
Tested Power Factor	0.967

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
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VERSION HISTORY VIEW DETAILS

2024-02-12	Listed	5.1	Standard
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