

DesignLights Consortium



Classification	Standard
Primary Use	Direct Linear Ambient Luminaires
Reported Input Wattage	28 W
Reported Light Output	3814 lm
Reported CCT	3500 K
Reported CRI (Ra)	80
Product ID	S-T8W1AO
DLC Family Code	NNNPKW
Listing Status	Listed
Date Qualified	2022-12-19

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-T8W1AO
Manufacturer	ASD Lighting Corp
Brand	ASD
Model Number	ASD-LSF5-2A28AC-[Blank,4EM]-[Blank,MS]-PRM
Parent	Yes
Classification	Standard
DLC Family Code	NNNPKW
Length	2.0 ft
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Luminaires
General Application	Linear Ambient
Primary Use Designation	Direct Linear Ambient Luminaires

CONTROL FEATURES VIEW DETAILS

Integral Controls	Yes
Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No Control Capability

Sensor Type	Multifunction 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	3814 lm
Reported Efficacy (AC)	136.2 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	80
Reported R9	7
Reported IES Rf	84
Reported IES Rg	97
Reported IES Rcs,h1	-12
Reported Minimum Light Output	2800 lm
Reported Maximum Light Output	4046 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	3814 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	28 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	20 W
Reported Maximum Input Wattage	28
Reported Default Input Wattage	28 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	3823 lm
Tested Efficacy (AC)	136.68 lm/W
Tested CCT	3418 K
Tested CRI (Ra)	82

Tested R9	7
Tested IES Rf	84
Tested IES Rg	97
Tested IES Rcs,h1	-12 %
Tested Duv	0.0002

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	28 W
Tested Total Harmonic Distortion	5.4 %
Tested Power Factor	0.95

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
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VERSION HISTORY VIEW DETAILS

2022-12-19	Listed	5.1	Standard
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