

DesignLights Consortium



Classification	Standard
Primary Use	Direct Linear Ambient Luminaires
Reported Input Wattage	48 W
Reported Light Output	5520 lm
Reported CCT	3500 K
Reported CRI (Ra)	83
Product ID	S-H27YX0
DLC Family Code	SLFAXV
Listing Status	Listed
Date Qualified	2024-01-23

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-H27YX0
Manufacturer	ASD Lighting Corp
Brand	ASD
Model Number	ASD-WRL-4A48AC[BLANK,EM]-[BLANK,MS]
Parent	Yes
Classification	Standard
DLC Family Code	SLFAXV
Length	4.0 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, 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	5520 lm
Reported Efficacy (AC)	115 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	83
Reported R9	5
Reported IES Rf	84
Reported IES Rg	96
Reported IES Rcs,h1	-12
Reported Minimum Light Output	3936 lm
Reported Maximum Light Output	5616 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	5520 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	48 W
Reported Total Harmonic Distortion	18.1 %
Reported Power Factor	0.974
Reported Minimum Input Wattage	32 W
Reported Maximum Input Wattage	48
Reported Default Input Wattage	48 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	5651 lm
Tested Efficacy (AC)	112.98 lm/W
Tested CCT	3433 K
Tested CRI (Ra)	83

Tested R9	5
Tested IES Rf	84
Tested IES Rg	96
Tested IES Rcs,h1	-12 %
Tested Duv	-0.00129

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	50 W
Tested Total Harmonic Distortion	18.1 %
Tested Power Factor	0.974

PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

SPDX File	Download File
-----------	-------------------------------

VERSION HISTORY VIEW DETAILS

2024-01-23	Listed	5.1	Standard
------------	--------	-----	----------