

DesignLights Consortium



Model Number	ASD-WHB5B-500A50-[BLANK,20EM,40EM]
Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	500 W
Reported Light Output	75000 lm
Reported CRI (Ra)	82
Product ID	S-CN1X05
DLC Family Code	MMMTIW
Listing Status	Listed
Date Qualified	2024-07-19
Reported CCT	5000 K
Specification Sheet	S-CN1X05 Specification Sheet Date Updated: 2026-03-29

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	6.0
Product ID	S-CN1X05
Manufacturer	ASD Lighting Corp
Brand	ASD
Model Number	ASD-WHB5B-500A50-[BLANK,20EM,40EM]
Parent	Yes
Classification	Premium
DLC Family Code	MMMTIW
Input Power Type	AC
Field Adjustable Color Temperature	No

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Luminaires
General Application	High-Bay

Primary Use Designation	High-Bay Luminaires for Commercial and Industrial Buildings
Warm-Dimming	No

V5.1 CONTROL FEATURES VIEW DETAILS

Integral Controls	Yes
Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	LLLC
Sensor Type	Multifunction Sensor, Sensor Receptacle, Daylight Sensing, Occupancy Sensing
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	Zigbee, Bluetooth, WiFi

V6.0 CONTROLS OPTIONS VIEW DETAILS

Under Review

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	75000 lm
Reported Efficacy (AC)	150 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	82
Reported R9	0
Reported IES Rf	82
Reported IES Rg	95
Reported IES Rcs,h1	-13
Reported Default Light Output	75000 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	500 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	320 W
Reported Maximum Input Wattage	500
Reported Default Input Wattage	500 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	79394 lm
Tested Efficacy (AC)	162.54 lm/W
Tested CCT	4900 K
Tested CRI (Ra)	82
Tested R9	0
Tested IES Rf	82
Tested IES Rg	95
Tested IES Rcs,h1	-13 %
Tested Duv	0.0013

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	488.5 W
Tested Total Harmonic Distortion	7.1 %
Tested Power Factor	0.96

FIELD ADJUSTABILITY VIEW DETAILS

Field Adjustable Light Output	Yes
Field Adjustable Light Distribution	No
Reported Light Output Setting 1	48000 lm
Reported Wattage Setting 1	320 W
Reported Light Output Setting 2	75000 lm
Reported Wattage Setting 2	500 W
Aimable	No
Levelable	No

TUNABILITY VIEW DETAILS

CCT-Tunable	No
Full Color-Tunable	No

VERSION HISTORY VIEW DETAILS

2026-04-07	Listed	6	Premium
2024-07-19	Listed	5.1	Premium

Product Images shown may not represent all capabilities or aesthetic options available for the associated model number