

DesignLights Consortium



Model Number	ASD-WHB5B-ST-500-[BLANK,20EM,40EM]
Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	500 W
Reported Light Output	80000 lm
Reported CRI (Ra)	83
Product ID	S-MS8DMZ
DLC Family Code	MMMTIX
Listing Status	Listed
Date Qualified	2024-07-19
Reported CCT	3500 K
Specification Sheet	S-MS8DMZ Specification Sheet Date Updated: 2026-03-28

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	6.0
Product ID	S-MS8DMZ
Manufacturer	ASD Lighting Corp
Brand	ASD
Model Number	ASD-WHB5B-ST-500-[BLANK,20EM,40EM]
Parent	No
Classification	Premium
DLC Family Code	MMMTIX
Input Power Type	AC
Field Adjustable Color Temperature	Yes

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
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	80000 lm
Reported Efficacy (AC)	160 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	83
Reported R9	10
Reported IES Rf	84
Reported IES Rg	96
Reported IES Rcs,h1	-12
Reported Minimum Light Output	51770 lm
Reported Maximum Light Output	80000 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	80000 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

FIELD ADJUSTABILITY VIEW DETAILS

Field Adjustable Light Output	Yes
Field Adjustable Light Distribution	No
Reported Light Output Setting 1	51770 lm
Reported Wattage Setting 1	320 W
Reported Light Output Setting 2	80000 lm
Reported Wattage Setting 2	500 W
Reported Default CCT	3500
Reported CCT Setting 1	3500
Reported CCT Setting 2	4000
Reported CCT Setting 3	5000
Aimable	No
Levelable	No

TUNABILITY VIEW DETAILS

CCT-Tunable	No
Full Color-Tunable	No

VERSION HISTORY VIEW DETAILS

2026-04-21	Listed	6	Premium
2025-06-11	Listed	5.1	Premium

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