

DesignLights Consortium



Model Number	ASD-WHB5B-ST-100-[BLANK,20EM,40EM]
Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	100 W
Reported Light Output	16000 lm
Reported CRI (Ra)	82
Product ID	S-4YWVQQ
DLC Family Code	MMMTIX
Listing Status	Listed
Date Qualified	2024-07-19
Reported CCT	3500 K
Specification Sheet	S-4YWVQQ 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-4YWVQQ
Manufacturer	ASD Lighting Corp
Brand	ASD
Model Number	ASD-WHB5B-ST-100-[BLANK,20EM,40EM]
Parent	Yes
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	16000 lm
Reported Efficacy (AC)	160 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	82
Reported R9	3
Reported IES Rf	83
Reported IES Rg	96
Reported IES Rcs,h1	-13
Reported Minimum Light Output	9770 lm
Reported Maximum Light Output	16000 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	16000 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	100 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	60 W
Reported Maximum Input Wattage	100
Reported Default Input Wattage	100 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	16418 lm
Tested Efficacy (AC)	162.84 lm/W
Tested CCT	3344 K
Tested CRI (Ra)	82
Tested R9	3
Tested IES Rf	83
Tested IES Rg	96
Tested IES Rcs,h1	-13 %
Tested Duv	-0.0006

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	100.8 W
Tested Total Harmonic Distortion	7.9 %
Tested Power Factor	0.905

FIELD ADJUSTABILITY VIEW DETAILS

Field Adjustable Light Output	Yes
Field Adjustable Light Distribution	No
Reported Light Output Setting 1	9770 lm
Reported Wattage Setting 1	60 W
Reported Light Output Setting 2	16000 lm
Reported Wattage Setting 2	100 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