

DesignLights Consortium



Model Number	ASD-WHB5B-ST-320-BA-[BLANK,20EM,30EM,40EM]
Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	320 W
Reported Light Output	51200 lm
Reported CRI (Ra)	84
Product ID	S-WG0S8V
DLC Family Code	XXXGFS
Listing Status	Listed
Date Qualified	2025-09-18
Reported CCT	3500 K
Specification Sheet	S-WG0S8V Specification Sheet Date Updated: 2026-04-12

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	6.0
Product ID	S-WG0S8V
Manufacturer	ASD Lighting Corp
Brand	ASD
Model Number	ASD-WHB5B-ST-320-BA-[BLANK,20EM,30EM,40EM]
Parent	Yes
Classification	Premium
DLC Family Code	XXXGFS
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	No
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	51200 lm
Reported Efficacy (AC)	160 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	84
Reported R9	13
Reported IES Rf	85
Reported IES Rg	96
Reported IES Rcs,h1	-11
Reported Minimum Light Output	25600 lm
Reported Maximum Light Output	51200 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	51200 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	320 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	160 W
Reported Maximum Input Wattage	320
Reported Default Input Wattage	320 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	48132 lm
Tested Efficacy (AC)	153.73 lm/W
Tested CCT	3396 K
Tested CRI (Ra)	84
Tested R9	13
Tested IES Rf	85
Tested IES Rg	96
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0012
Field Adjustable Light Distribution Setting	Setting beam angle at 45*90, 65*90, 90*90

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	313.09 W
Tested Total Harmonic Distortion	10.2 %
Tested Power Factor	0.947

FIELD ADJUSTABILITY VIEW DETAILS

Field Adjustable Light Output	Yes
Field Adjustable Light Distribution	Yes
Field Adjustable Distribution Type	Integral FALD
Reported Light Output Setting 1	25600 lm
Reported Wattage Setting 1	160 W
Reported Light Output Setting 2	37400 lm
Reported Wattage Setting 2	220 W
Reported Light Output Setting 3	51200 lm
Reported Wattage Setting 3	320 W
Reported Default CCT	3500
Reported CCT Setting 1	3500
Reported CCT Setting 2	4000
Reported CCT Setting 3	5000
Light Distribution Setting 1	45*90
Light Distribution Setting 2	65*90
Light Distribution Setting 3	90*90
Aimable	No

Levelable	No
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TUNABILITY VIEW DETAILS

CCT-Tunable	No
Full Color-Tunable	No

VERSION HISTORY VIEW DETAILS

2026-04-21	Listed	6	Premium
2025-09-18	Listed	5.1	Premium

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