

DesignLights Consortium



Model Number	ASD-WFS-ST-160-[BLANK,20EM,30EM,40EM]
Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	157.5 W
Reported Light Output	25188 lm
Reported CRI (Ra)	84
Product ID	S-920YYM
DLC Family Code	DDDMDD
Listing Status	Listed
Date Qualified	2025-10-10
Reported CCT	3500 K
Specification Sheet	S-920YYM 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-920YYM
Manufacturer	ASD Lighting Corp
Brand	ASD
Model Number	ASD-WFS-ST-160-[BLANK,20EM,30EM,40EM]
Parent	Yes
Classification	Premium
DLC Family Code	DDDMDD
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	Sensor Receptacle, Occupancy Sensing
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	No

V6.0 CONTROLS OPTIONS VIEW DETAILS

Under Review

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	25188 lm
Reported Efficacy (AC)	159.97 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	15997 lm
Reported Maximum Light Output	25188 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	25188 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	157.5 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	100 W
Reported Maximum Input Wattage	157.5
Reported Default Input Wattage	157.5 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
Tested Light Output	25188 lm
Tested Efficacy (AC)	159.97 lm/W
Tested CCT	3420 K
Tested CRI (Ra)	84
Tested R9	13
Tested IES Rf	85
Tested IES Rg	96
Tested IES Rcs,h1	-11 %
Tested Duv	-0.0009

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	157.45 W
Tested Total Harmonic Distortion	8.2 %
Tested Power Factor	0.965

FIELD ADJUSTABILITY VIEW DETAILS

Field Adjustable Light Output	Yes
Field Adjustable Light Distribution	No
Reported Light Output Setting 1	28519 lm
Reported Wattage Setting 1	180 W
Reported Light Output Setting 2	35700 lm
Reported Wattage Setting 2	210 W
Reported Light Output Setting 3	37446 lm
Reported Wattage Setting 3	236.3 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
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Full Color-Tunable

No

VERSION HISTORY VIEW DETAILS

2026-04-21	Listed	6	Premium
2025-10-10	Listed	5.1	Premium

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