

# DesignLights Consortium



|                        |                                                                       |
|------------------------|-----------------------------------------------------------------------|
| Model Number           | ASD-WHB5B-NEOX-500-[BLANK,20EM,40EM]                                  |
| Classification         | Premium                                                               |
| Primary Use            | High-Bay Luminaires for Commercial and Industrial Buildings           |
| Reported Input Wattage | 490.3 W                                                               |
| Reported Light Output  | 91749 lm                                                              |
| Reported CRI (Ra)      | 72                                                                    |
| Product ID             | S-FN9S5P                                                              |
| DLC Family Code        | <a href="#">RRRYPA</a>                                                |
| Listing Status         | Listed                                                                |
| Date Qualified         | 2025-07-02                                                            |
| Reported CCT           | 3500 K                                                                |
| Specification Sheet    | <a href="#">S-FN9S5P Specification Sheet</a> Date Updated: 2026-03-28 |

## PRODUCT INFORMATION VIEW DETAILS

|                                    |                                      |
|------------------------------------|--------------------------------------|
| Qualified Product List             | Solid State Lighting                 |
| Technical Requirements Version     | 6.0                                  |
| Product ID                         | S-FN9S5P                             |
| Manufacturer                       | ASD Lighting Corp                    |
| Brand                              | ASD                                  |
| Model Number                       | ASD-WHB5B-NEOX-500-[BLANK,20EM,40EM] |
| Parent                             | No                                   |
| Classification                     | Premium                              |
| DLC Family Code                    | RRRYPA                               |
| 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         | 91749 lm    |
| Reported Efficacy (AC)        | 187.11 lm/W |
| Reported CCT                  | 3500 K      |
| Reported CRI (Ra)             | 72          |
| Reported R9                   | 31          |
| Reported IES Rf               | 74          |
| Reported IES Rg               | 95          |
| Reported IES Rcs,h1           | -17         |
| Reported Minimum Light Output | 59875 lm    |
| Reported Maximum Light Output | 91749 lm    |
| Reported Minimum CCT          | 3500 K      |
| Reported Maximum CCT          | 5000 K      |
| Reported Default Light Output | 91749 lm    |

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

|                                    |           |
|------------------------------------|-----------|
| Reported Input Wattage             | 490.3 W   |
| Reported Total Harmonic Distortion | 15 %      |
| Reported Power Factor              | 0.9       |
| Reported Minimum Input Wattage     | 320 W     |
| Reported Maximum Input Wattage     | 490.3     |
| Reported Default Input Wattage     | 490.3 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     | 59875 lm |
| Reported Wattage Setting 1          | 320 W    |
| Reported Light Output Setting 2     | 91749 lm |
| Reported Wattage Setting 2          | 490.3 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 |
| Full Color-Tunable | No |

VERSION HISTORY VIEW DETAILS

|            |        |     |         |
|------------|--------|-----|---------|
| 2026-04-21 | Listed | 6   | Premium |
| 2025-07-02 | Listed | 5.1 | Premium |

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