

# DesignLights Consortium



|                        |                                                             |
|------------------------|-------------------------------------------------------------|
| Model Number           | ASD-NHB-ST-220-[BLANK,15EM,20EM,25EM,30EM,40EM]             |
| Classification         | Premium                                                     |
| Primary Use            | High-Bay Luminaires for Commercial and Industrial Buildings |
| Reported Input Wattage | 220 W                                                       |
| Reported Light Output  | 35200 lm                                                    |
| Reported CCT           | 3500 K                                                      |
| Reported CRI (Ra)      | 82                                                          |
| Product ID             | S-GFGN3M                                                    |
| DLC Family Code        | <a href="#">MMMTQT</a>                                      |
| Listing Status         | Listed                                                      |
| Date Qualified         | 2025-07-28                                                  |

## PRODUCT INFORMATION VIEW DETAILS

|                                |                                                 |
|--------------------------------|-------------------------------------------------|
| Qualified Product List         | Solid State Lighting                            |
| Technical Requirements Version | 5.1                                             |
| Product ID                     | S-GFGN3M                                        |
| Manufacturer                   | ASD Lighting Corp                               |
| Brand                          | ASD                                             |
| Model Number                   | ASD-NHB-ST-220-[BLANK,15EM,20EM,25EM,30EM,40EM] |
| Parent                         | No                                              |
| Classification                 | Premium                                         |
| DLC Family Code                | MMMTQT                                          |
| Input Power Type               | AC                                              |

## PRODUCT CATEGORIZATION VIEW DETAILS

|                         |                                                             |
|-------------------------|-------------------------------------------------------------|
| Category                | Indoor Luminaires                                           |
| General Application     | High-Bay                                                    |
| Primary Use Designation | High-Bay Luminaires for Commercial and Industrial Buildings |

## CONTROL FEATURES VIEW DETAILS

|                              |                                    |
|------------------------------|------------------------------------|
| Integral Controls            | Yes                                |
| Dimming Capability and Range | Continuous Dimming to 10% or below |

|                                        |                                                                              |
|----------------------------------------|------------------------------------------------------------------------------|
| Integral Control Capability            | LLLC                                                                         |
| 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                                                      |
| Field Adjustable Light Output          | Yes                                                                          |
| White-Tunable                          | Yes                                                                          |
| Warm-Dimming                           | No                                                                           |
| Field Adjustable Light Distribution    | No                                                                           |

## REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

|                               |          |
|-------------------------------|----------|
| Reported Light Output         | 35200 lm |
| Reported Efficacy (AC)        | 160 lm/W |
| Reported CCT                  | 3500 K   |
| Reported CRI (Ra)             | 82       |
| Reported R9                   | 4        |
| Reported IES Rf               | 83       |
| Reported IES Rg               | 97       |
| Reported IES Rcs,h1           | -12      |
| Reported Minimum Light Output | 20800 lm |
| Reported Maximum Light Output | 35200 lm |
| Reported Minimum CCT          | 3500 K   |
| Reported Maximum CCT          | 5000 K   |
| Reported Default Light Output | 35200 lm |

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

|                                    |           |
|------------------------------------|-----------|
| Reported Input Wattage             | 220 W     |
| Reported Total Harmonic Distortion | 15 %      |
| Reported Power Factor              | 0.9       |
| Reported Minimum Input Wattage     | 130 W     |
| Reported Maximum Input Wattage     | 220       |
| Reported Default Input Wattage     | 220 W     |
| Voltage Range                      | 120-277 V |

## VERSION HISTORY VIEW DETAILS

|            |        |     |         |
|------------|--------|-----|---------|
| 2025-07-28 | Listed | 5.1 | Premium |
|------------|--------|-----|---------|