

# DesignLights Consortium



|                        |   |
|------------------------|---|
| Model Number           | ALI-TAA24-7G-50W-P5-TCP[Blank;(MS)]                               |
| Classification         | Premium   |
| Primary Use            | 2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces |
| Reported Input Wattage | 48.4 W  |
| Reported Light Output  | 6333 lm   |
| Reported CCT           | 3500 K  |
| Reported CRI (Ra)      | 84  |
| Product ID             | S-NS6GF5  |
| DLC Family Code        | <a href="#">EMWBMW</a>  |
| Listing Status         | Listed  |
| Date Qualified         | 2024-02-12  |

## PRODUCT INFORMATION VIEW DETAILS

|                                |                                     |
|--------------------------------|-------------------------------------|
| Qualified Product List         | Solid State Lighting                |
| Technical Requirements Version | 5.1                                 |
| Product ID                     | S-NS6GF5                            |
| Manufacturer                   | American lighting industry corp     |
| Brand                          | ASTRE LIGHTS                        |
| Model Number                   | ALI-TAA24-7G-50W-P5-TCP[Blank;(MS)] |
| Parent                         | Yes                                 |
| Classification                 | Premium                             |
| DLC Family Code                | EMWBMW                              |
| Input Power Type               | AC                                  |

## PRODUCT CATEGORIZATION VIEW DETAILS

|                         |   |
|-------------------------|---|
| Category                | Indoor Luminaires   |
| General Application     | Troffer   |
| Primary Use Designation | 2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces |

## CONTROL FEATURES VIEW DETAILS

|  |                                    |
|--|------------------------------------|
| Integral Controls                      | Yes                                |
| Dimming Capability and Range           | Continuous Dimming to 10% or below |
| Integral Control Capability            | No Control Capability              |
| Sensor Type                            | Occupancy Sensing                  |
| SSL V5 Wired Communication Protocol    | 0-10V Analog                       |
| SSL V5 Wireless Communication Protocol | No Wireless Protocol               |
| Field Adjustable Light Output          | Yes                                |
| White-Tunable                          | Yes                                |
| Warm-Dimming                           | No                                 |
| Field Adjustable Light Distribution    | No                                 |

## REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

|                               |             |
|-------------------------------|-------------|
| Reported Light Output         | 6333 lm     |
| Reported Efficacy (AC)        | 130.72 lm/W |
| Reported CCT                  | 3500 K      |
| Reported CRI (Ra)             | 84          |
| Reported R9                   | 15          |
| Reported IES Rf               | 85          |
| Reported IES Rg               | 96          |
| Reported IES Rcs,h1           | -11         |
| Reported Minimum Light Output | 2500 lm     |
| Reported Maximum Light Output | 6333 lm     |
| Reported Minimum CCT          | 3500 K      |
| Reported Maximum CCT          | 6500 K      |
| Reported Default Light Output | 6333 lm     |

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

|                                    |           |
|------------------------------------|-----------|
| Reported Input Wattage             | 48.4 W    |
| Reported Total Harmonic Distortion | 14.4 %    |
| Reported Power Factor              | 0.977     |
| Reported Minimum Input Wattage     | 20 W      |
| Reported Maximum Input Wattage     | 48.4      |
| Reported Default Input Wattage     | 48.4 W    |
| Voltage Range                      | 120-277 V |

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

|                                     |     |
|-------------------------------------|-----|
| Tested Voltage for Minimum Efficacy | 120 |
|-------------------------------------|-----|

|                      |             |
|----------------------|-------------|
| Tested Light Output  | 6333 lm     |
| Tested Efficacy (AC) | 130.72 lm/W |
| Tested CCT           | 3512 K      |
| Tested CRI (Ra)      | 84          |
| Tested R9            | 15          |
| Tested IES Rf        | 85          |
| Tested IES Rg        | 95          |
| Tested IES Rcs,h1    | -11 %       |
| Tested Duv           | 0.0002      |

## TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

|                                  |        |
|----------------------------------|--------|
| Tested Input Wattage             | 48.4 W |
| Tested Total Harmonic Distortion | 14.4 % |
| Tested Power Factor              | 0.977  |

## PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

|           |                               |
|-----------|-------------------------------|
| SPDX File | <a href="#">Download File</a> |
|-----------|-------------------------------|

## VERSION HISTORY VIEW DETAILS

|            |        |     |         |
|------------|--------|-----|---------|
| 2024-02-12 | Listed | 5.1 | Premium |
|------------|--------|-----|---------|