# DesignLights Consortium

| Model Number | LHMF8W750-50UOM/a/5 |
|---|---|
| Classification | Premium |
| Primary Use | Outdoor Pole/Arm-Mounted Area and Roadway Luminaires |
| Reported Input Wattage | 765.37 W |
| Reported Light Output | 106458 lm |
| Reported CCT | 5000 K |
| Reported CRI (Ra) | 70 |
| Product ID | S-G534GG |
| DLC Family Code | SLFFAS |
| Listing Status | Listed |
| Date Qualified | 2024-07-25 |

## PRODUCT INFORMATION VIEW DETAILS

| Qualified Product List | Solid State Lighting |
|---|---|
| Technical Requirements Version | 5.1 |
| Product ID | S-G534GG |
| Manufacturer | Archipelago Lighting, Inc. |
| Brand | ARCHIPELAGO LIGHTING |
| Model Number | LHMF8W750-50UOM/a/5 |
| Parent | No |
| Classification | Premium |
| DLC Family Code | SLFFAS |
| Input Power Type | AC |

## PRODUCT CATEGORIZATION VIEW DETAILS

| Category | Outdoor Luminaires |
|---|---|
| General Application | Very High Output |
| Primary Use Designation | Outdoor Pole/Arm-Mounted Area and Roadway Luminaires |

## CONTROL FEATURES VIEW DETAILS

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

## REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

| | |
|---|---|
| Reported Light Output | 106458 lm |
| Reported Efficacy (AC) | 139.09 lm/W |
| Reported CCT | 5000 K |
| Reported CRI (Ra) | 70 |
| Reported R9 | -34 |
| Reported IES Rf | 75 |
| Reported IES Rg | 91 |
| Reported IES Rcs,h1 | -18 |
| Reported Minimum Light Output | 26079.4 lm |
| Reported Maximum Light Output | 106458 lm |
| Reported Default Light Output | 104250 lm |
| Reported BUG Rating | B5 U0 G5 |

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

| | |
|---|---|
| Reported Input Wattage | 765.37 W |
| Reported Total Harmonic Distortion | 15 % |
| Reported Power Factor | 0.9 |
| Reported Minimum Input Wattage | 187.5001797 W |
| Reported Maximum Input Wattage | 765.37 |
| Reported Default Input Wattage | 750 W |
| Voltage Range | 120-277 V |

## VERSION HISTORY VIEW DETAILS

| | | | |
|---|---|---|---|
| 2024-07-25 | Listed | 5.1 | Premium |