

DesignLights Consortium



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|------------------------|---|
| Model Number | SU-LS-8FT100WP-xxK Gx |
| Classification | Premium |
| Primary Use | High-Bay Luminaires for Commercial and Industrial Buildings |
| Reported Input Wattage | 100.2 W |
| Reported Light Output | 15126 lm |
| Reported CCT | 3000 K |
| Reported CRI (Ra) | 84 |
| Product ID | S-89MQZ4 |
| DLC Family Code | YLNGYH |
| Listing Status | Listed |
| Date Qualified | 2025-09-19 |

PRODUCT INFORMATION VIEW DETAILS

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|--------------------------------|------------------------------|
| Qualified Product List | Solid State Lighting |
| Technical Requirements Version | 5.1 |
| Product ID | S-89MQZ4 |
| Manufacturer | NETWORK LIGHTING CONTROL INC |
| Brand | SAMARAUSA |
| Model Number | SU-LS-8FT100WP-xxK Gx |
| Parent | No |
| Classification | Premium |
| DLC Family Code | YLNGYH |
| Input Power Type | AC |

PRODUCT CATEGORIZATION VIEW DETAILS

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

CONTROL FEATURES VIEW DETAILS

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|--|------------------------------------|
| Integral Controls | Yes |
| Dimming Capability and Range | Continuous Dimming to 10% or below |
| Integral Control Capability | Energy Monitoring, High End Trim |
| Sensor Type | Multifunction Sensor |
| SSL V5 Wired Communication Protocol | 0-10V Analog |
| SSL V5 Wireless Communication Protocol | Bluetooth, WiFi |
| Field Adjustable Light Output | Yes |
| White-Tunable | No |
| Warm-Dimming | No |
| Field Adjustable Light Distribution | No |

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

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|-------------------------------|------------|
| Reported Light Output | 15126 lm |
| Reported Efficacy (AC) | 150.9 lm/W |
| Reported CCT | 3000 K |
| Reported CRI (Ra) | 84 |
| Reported R9 | 11 |
| Reported IES Rf | 84 |
| Reported IES Rg | 96 |
| Reported IES Rcs,h1 | -11 |
| Reported Minimum Light Output | 7545 lm |
| Reported Maximum Light Output | 15126 lm |
| Reported Default Light Output | 15126 lm |

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

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|------------------------------------|-----------|
| Reported Input Wattage | 100.2 W |
| Reported Total Harmonic Distortion | 16 % |
| Reported Power Factor | 0.935 |
| Reported Minimum Input Wattage | 50 W |
| Reported Maximum Input Wattage | 100.2 |
| Reported Default Input Wattage | 100.2 W |
| Voltage Range | 120-277 V |

VERSION HISTORY VIEW DETAILS

| | | | |
|------------|--------|-----|---------|
| 2025-09-19 | Listed | 5.1 | Premium |
|------------|--------|-----|---------|

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