# DesignLights Consortium

| Classification | Premium |
|---|---|
| Primary Use | 2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces |
| Reported Input Wattage | 45.1 W |
| Reported Light Output | 5756 lm |
| Reported CCT | 3500 K |
| Reported CRI (Ra) | 84 |
| Product ID | S-YH15CG |
| DLC Family Code | PPPTTS |
| Listing Status | Listed |
| Date Qualified | 2022-08-02 |

## PRODUCT INFORMATION VIEW DETAILS

| Qualified Product List | Solid State Lighting |
|---|---|
| Technical Requirements Version | 5.1 |
| Product ID | S-YH15CG |
| Manufacturer | Litetronics International |
| Brand | LITETRONICS |
| Model Number | VLFT4 |
| Parent | Yes |
| Classification | Premium |
| DLC Family Code | PPPTTS |
| 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 | No |
|---|---|

| | |
|---|---|
| Dimming Capability and Range | Continuous Dimming to 10% or below |
| Integral Control Capability | No Control Capability |
| Sensor Type | No Sensor |
| 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 | 5756 lm |
| Reported Efficacy (AC) | 127.6 lm/W |
| Reported CCT | 3500 K |
| Reported CRI (Ra) | 84 |
| Reported R9 | 13 |
| Reported IES Rf | 84 |
| Reported IES Rg | 95 |
| Reported IES Rcs,h1 | -12 |
| Reported Minimum Light Output | 3088 lm |
| Reported Maximum Light Output | 5944 lm |
| Reported Minimum CCT | 3500.0 K |
| Reported Maximum CCT | 5000.0 K |
| Reported Default Light Output | 5756 lm |

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

| | |
|---|---|
| Reported Input Wattage | 45.1 W |
| Reported Total Harmonic Distortion | 13.6 % |
| Reported Power Factor | 0.939 |
| Reported Minimum Input Wattage | 24 W |
| Reported Maximum Input Wattage | 45 |
| Reported Default Input Wattage | 45.1 W |
| Voltage Range | 120-277 V |

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

| | |
|---|---|
| Tested Light Output | 5715 lm |
| Tested Efficacy (AC) | 127.61 lm/W |

| Tested CCT | 3453 K |
|---|---|
| Tested CRI (Ra) | 84 |
| Tested R9 | 13 |
| Tested IES Rf | 84 |
| Tested IES Rg | 95 |
| Tested IES Rcs,h1 | -12 % |
| Tested Duv | -0.00176 |

## TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

| Tested Voltage | 120 |
|---|---|
| Tested Input Wattage | 44.8 W |
| Tested Total Harmonic Distortion | 13.6 % |
| Tested Power Factor | 0.939 |

## PHOTOMETRIC IMAGES AND FILES VIEW DETAILS

| SPDX File | [Download File](Download File) |
|---|---|

## VERSION HISTORY VIEW DETAILS

| 2022-08-02 | Listed | 5.1 | Premium |
|---|---|---|---|