

DesignLights Consortium



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|------------------------|---|
| Model Number | FPLCR-14-LS-CS-UNV-[blank or EM] |
| Classification | Premium |
| Primary Use | 1x4 Luminaires for Ambient Lighting of Interior Commercial Spaces |
| Reported Input Wattage | 29.6 W |
| Reported Light Output | 3728 lm |
| Reported CCT | 3500 K |
| Reported CRI (Ra) | 84 |
| Product ID | S-Y81XLN |
| DLC Family Code | XXXFRI |
| Listing Status | Listed |
| Date Qualified | 2024-07-15 |

PRODUCT INFORMATION VIEW DETAILS

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|--------------------------------|----------------------------------|
| Qualified Product List | Solid State Lighting |
| Technical Requirements Version | 5.1 |
| Product ID | S-Y81XLN |
| Manufacturer | Halco Lighting Technologies |
| Brand | HALCO |
| Model Number | FPLCR-14-LS-CS-UNV-[blank or EM] |
| Parent | Yes |
| Classification | Premium |
| DLC Family Code | XXXFRI |
| Input Power Type | AC |

PRODUCT CATEGORIZATION VIEW DETAILS

| | |
|-------------------------|---|
| Category | Indoor Luminaires |
| General Application | Troffer |
| Primary Use Designation | 1x4 Luminaires for Ambient Lighting of Interior Commercial Spaces |

CONTROL FEATURES VIEW DETAILS

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

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

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|-------------------------------|-------------|
| Reported Light Output | 3728 lm |
| Reported Efficacy (AC) | 126.08 lm/W |
| Reported CCT | 3500 K |
| Reported CRI (Ra) | 84 |
| Reported R9 | 11 |
| Reported IES Rf | 84 |
| Reported IES Rg | 96 |
| Reported IES Rcs,h1 | -12 |
| Reported Minimum Light Output | 2500 lm |
| Reported Maximum Light Output | 3728 lm |
| Reported Minimum CCT | 3500 K |
| Reported Maximum CCT | 5000 K |
| Reported Default Light Output | 3728 lm |

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

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|------------------------------------|-----------|
| Reported Input Wattage | 29.6 W |
| Reported Total Harmonic Distortion | 12.5 % |
| Reported Power Factor | 0.98 |
| Reported Minimum Input Wattage | 20 W |
| Reported Maximum Input Wattage | 29.6 |
| Reported Default Input Wattage | 29.6 W |
| Voltage Range | 120-277 V |

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

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|-------------------------------------|------------|
| Tested Voltage for Minimum Efficacy | 277 |
| Tested Light Output | 3694 lm |
| Tested Efficacy (AC) | 124.6 lm/W |
| Tested CCT | 3507 K |
| Tested CRI (Ra) | 84 |
| Tested R9 | 11 |
| Tested IES Rf | 84 |
| Tested IES Rg | 95 |
| Tested IES Rcs,h1 | -12 % |

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

| | |
|----------------------------------|--------|
| Tested Input Wattage | 29.7 W |
| Tested Total Harmonic Distortion | 12.6 % |
| Tested Power Factor | 0.969 |

VERSION HISTORY VIEW DETAILS

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|------------|--------|-----|---------|
| 2024-07-31 | Listed | 5.1 | Premium |
|------------|--------|-----|---------|