

# DesignLights Consortium



|                        |   |
|------------------------|---|
| Classification         | Standard                                      |
| Primary Use            | Replacement Lamps (Plug and Play) (UL Type A) |
| Reported Input Wattage | 16.5 W  |
| Reported Light Output  | 2050 lm                                       |
| Reported CCT           | 3500 K  |
| Reported CRI (Ra)      | 82  |
| Product ID             | PL9O0M1N3BWX                                  |
| DLC Family Code        | <a href="#">CCCHFK</a>                        |
| Listing Status         | Listed  |
| Date Qualified         | 2021-01-07                                    |

## PRODUCT INFORMATION VIEW DETAILS

|                                |                             |
|--------------------------------|-----------------------------|
| Qualified Product List         | Solid State Lighting        |
| Technical Requirements Version | 5.1                         |
| Product ID                     | PL9O0M1N3BWX                |
| Manufacturer                   | Halco Lighting Technologies |
| Brand                          | Halco ProLED                |
| Model Number                   | PLL13-830-DIR-LED           |
| Parent                         | Yes                         |
| Classification                 | Standard                    |
| DLC Family Code                | CCCHFK                      |
| Input Power Type               | AC                          |

## PRODUCT CATEGORIZATION VIEW DETAILS

|                         |   |
|-------------------------|---|
| Category                | Four Pin-Base Replacement Lamps for CFLs      |
| General Application     | 2G11 Base Replacement Lamps                   |
| Primary Use Designation | Replacement Lamps (Plug and Play) (UL Type A) |

## 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    | Other Wired Communication Protocol |
| SSL V5 Wireless Communication Protocol | No Wireless Protocol               |
| Field Adjustable Light Output          | No                                 |
| White-Tunable                          | No                                 |
| Warm-Dimming                           | No                                 |
| Field Adjustable Light Distribution    | No                                 |

## REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

|                               |             |
|-------------------------------|-------------|
| Reported Beam Angle           | 140 °       |
| Reported Light Output         | 2050 lm     |
| Reported Efficacy (AC)        | 124.24 lm/W |
| Reported CCT                  | 3500 K      |
| Reported CRI (Ra)             | 82          |
| Reported R9                   | 0           |
| Reported IES Rf               | 85          |
| Reported IES Rg               | 89          |
| Reported IES Rcs,h1           | -12         |
| Reported Default Light Output | 2050 lm     |

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

|                                    |        |
|------------------------------------|--------|
| Reported Input Wattage             | 16.5 W |
| Reported Total Harmonic Distortion | 20 %   |
| Reported Power Factor              | 0.9    |
| Reported Default Input Wattage     | 16.5 W |

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

|                      |            |
|----------------------|------------|
| Tested Light Output  | 2074 lm    |
| Tested Efficacy (AC) | 126.1 lm/W |
| Tested CCT           | 3488 K     |
| Tested CRI (Ra)      | 82         |
| Tested R9            | 1          |
| Tested IES Rf        | 84         |
| Tested IES Rg        | 94         |
| Tested IES Rcs,h1    | -13 %      |
| Tested Duv           | 0.0009     |

## TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

|                                  |        |
|----------------------------------|--------|
| Tested Voltage                   | 277    |
| Tested Input Wattage             | 16.5 W |
| Tested Total Harmonic Distortion | 19.1 % |
| Tested Power Factor              | 0.941  |

## VERSION HISTORY VIEW DETAILS

|            |        |     |          |
|------------|--------|-----|----------|
| 2022-06-09 | Listed | 5.1 | Standard |
| 2021-01-07 | Listed | 5   | Standard |