

# DesignLights Consortium



|                        |  |
|------------------------|--|
| Classification         | Standard                                       |
| Primary Use            | Internal Driver/Line Voltage (UL Type B) Lamps |
| Reported Input Wattage | 25 W   |
| Reported Light Output  | 3400 lm  |
| Reported CCT           | 5000 K   |
| Reported CRI (Ra)      | 82   |
| Product ID             | PLVDASX7I27X                                   |
| DLC Family Code        | <a href="#">SSSCIV</a>                         |
| Listing Status         | Listed   |
| Date Qualified         | 2019-11-22                                     |

## PRODUCT INFORMATION VIEW DETAILS

|                                |                             |
|--------------------------------|-----------------------------|
| Qualified Product List         | Solid State Lighting        |
| Technical Requirements Version | 5.1                         |
| Product ID                     | PLVDASX7I27X                |
| Manufacturer                   | Halco Lighting Technologies |
| Brand                          | Halco ProLED                |
| Model Number                   | T5FR25/850/BYP/HO/LED       |
| Parent                         | Yes                         |
| Classification                 | Standard                    |
| DLC Family Code                | SSSCIV                      |
| Length                         | 4.0 ft                      |
| Input Power Type               | AC                          |

## PRODUCT CATEGORIZATION VIEW DETAILS

|                         |  |
|-------------------------|--|
| Category                | Linear Replacement Lamp                        |
| General Application     | T5HO Four-Foot                                 |
| Primary Use Designation | Internal Driver/Line Voltage (UL Type B) Lamps |

## PRODUCT CAPABILITIES 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    | Phase Cut                          |
| 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           | 180 °    |
| Reported Light Output         | 3400 lm  |
| Reported Efficacy (AC)        | 136 lm/W |
| Reported CCT                  | 5000 K   |
| Reported CRI (Ra)             | 82       |
| Reported R9                   | 0        |
| Reported IES Rf               | 85       |
| Reported IES Rg               | 95       |
| Reported IES Rcs,h1           | -12      |
| Reported Default Light Output | 3400 lm  |

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

|                                    |           |
|------------------------------------|-----------|
| Reported Input Wattage             | 25 W      |
| Reported Total Harmonic Distortion | 20 %      |
| Reported Power Factor              | 0.9       |
| Reported Default Input Wattage     | 25 W      |
| Voltage Range                      | 120-277 V |

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

|                      |            |
|----------------------|------------|
| Tested Light Output  | 3459 lm    |
| Tested Efficacy (AC) | 137.3 lm/W |
| Tested CCT           | 5161 K     |
| Tested CRI (Ra)      | 83         |
| Tested R9            | 4          |
| Tested IES Rf        | 83         |
| Tested IES Rg        | 93         |

|                   |        |
|-------------------|--------|
| Tested IES Rcs,h1 | -13 %  |
| Tested Duv        | 0.0037 |

## TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

|                                  |        |
|----------------------------------|--------|
| Tested Voltage                   | 277    |
| Tested Input Wattage             | 25.2 W |
| Tested Total Harmonic Distortion | 18.5 % |
| Tested Power Factor              | 0.946  |

## VERSION HISTORY VIEW DETAILS

|            |        |     |          |
|------------|--------|-----|----------|
| 2022-06-21 | Listed | 5.1 | Standard |
| 2020-03-30 | Listed | 5   | Standard |
| 2019-11-22 | Listed | 4.4 | Standard |