

DesignLights Consortium



| | |
|------------------------|-------------------------------------------------------------|
| Model Number | PLTSN1C224[1;2;3]5[1;2;blank] |
| Classification | Premium |
| Primary Use | High-Bay Luminaires for Commercial and Industrial Buildings |
| Reported Input Wattage | 149.3 W |
| Reported Light Output | 21889 lm |
| Reported CCT | 3500 K |
| Reported CRI (Ra) | 82 |
| Product ID | S-PFW6CS |
| DLC Family Code | BCBAJB |
| Listing Status | Listed |
| Date Qualified | 2024-08-09 |

PRODUCT INFORMATION VIEW DETAILS

| | |
|--------------------------------|---------------------------------------|
| Qualified Product List | Solid State Lighting |
| Technical Requirements Version | 5.1 |
| Product ID | S-PFW6CS |
| Manufacturer | Precision Lighting & Transformer, Inc |
| Brand | PLT Solutions |
| Model Number | PLTSN1C224[1;2;3]5[1;2;blank] |
| Parent | No |
| Classification | Premium |
| DLC Family Code | BCBAJB |
| Input Power Type | AC |

PRODUCT CATEGORIZATION VIEW DETAILS

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

CONTROL FEATURES VIEW DETAILS

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

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

| | |
|-------------------------------|-------------|
| Reported Light Output | 21889 lm |
| Reported Efficacy (AC) | 146.58 lm/W |
| Reported CCT | 3500 K |
| Reported CRI (Ra) | 82 |
| Reported R9 | 4 |
| Reported IES Rf | 83 |
| Reported IES Rg | 95 |
| Reported IES Rcs,h1 | -13 |
| Reported Minimum Light Output | 10994 lm |
| Reported Maximum Light Output | 21889 lm |
| Reported Minimum CCT | 3000 K |
| Reported Maximum CCT | 5000 K |
| Reported Default Light Output | 21889 lm |

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

| | |
|------------------------------------|-----------|
| Reported Input Wattage | 149.3 W |
| Reported Total Harmonic Distortion | 15 % |
| Reported Power Factor | 0.9 |
| Reported Minimum Input Wattage | 75 W |
| Reported Maximum Input Wattage | 149.3 |
| Reported Default Input Wattage | 149.3 W |
| Voltage Range | 277-480 V |

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

| | |
|---------------------------------------------|------------------------|
| Field Adjustable Light Distribution Setting | Pointing Straight down |
|---------------------------------------------|------------------------|

VERSION HISTORY VIEW DETAILS

| | | | |
|------------|--------|-----|---------|
| 2024-08-09 | Listed | 5.1 | Premium |
|------------|--------|-----|---------|