

DesignLights Consortium



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|------------------------|--|
| Classification | Standard |
| Primary Use | Internal Driver/Line Voltage (UL Type B) Lamps |
| Reported Input Wattage | 12 W |
| Reported Light Output | 1400 lm |
| Reported CCT | 3000 K |
| Reported CRI (Ra) | 82 |
| Product ID | PLIMY6YQA2US |
| DLC Family Code | EMWAEI |
| Listing Status | Listed |
| Date Qualified | 2021-07-22 |

PRODUCT INFORMATION VIEW DETAILS

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|--------------------------------|--------------------------------|
| Qualified Product List | Solid State Lighting |
| Technical Requirements Version | 5.1 |
| Product ID | PLIMY6YQA2US |
| Manufacturer | SATCO Products Inc |
| Brand | SATCO PRODUCTS |
| Model Number | 12T8/LED/36-830/BP/USA(S11984) |
| Parent | Yes |
| Classification | Standard |
| DLC Family Code | EMWAEI |
| Length | 3.0 ft |
| Input Power Type | AC |

PRODUCT CATEGORIZATION VIEW DETAILS

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|-------------------------|--|
| Category | Linear Replacement Lamp |
| General Application | T8 Three-Foot |
| Primary Use Designation | Internal Driver/Line Voltage (UL Type B) Lamps |

CONTROL FEATURES VIEW DETAILS

| | |
|-------------------|----|
| Integral Controls | No |
|-------------------|----|

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|--|--|
| Dimming Capability and Range | Continuous Dimming above 10% |
| Sensor Type | No Sensor |
| SSL V5 Wired Communication Protocol | Phase Cut,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

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|-------------------------------|--------------|
| Reported Beam Angle | 210 ° |
| Reported Light Output | 1400 lm |
| Reported Efficacy (AC) | 116.667 lm/W |
| Reported CCT | 3000 K |
| Reported CRI (Ra) | 82 |
| Reported R9 | 0 |
| Reported IES Rf | 81 |
| Reported IES Rg | 94 |
| Reported IES Rcs,h1 | -13 |
| Reported Default Light Output | 1400 lm |

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

| | |
|------------------------------------|-----------|
| Reported Input Wattage | 12 W |
| Reported Total Harmonic Distortion | 20 % |
| Reported Power Factor | 0.9 |
| Reported Default Input Wattage | 12 W |
| Voltage Range | 120-277 V |

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

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|----------------------|------------|
| Tested Light Output | 1400.2 lm |
| Tested Efficacy (AC) | 116.6 lm/W |
| Tested CCT | 3090 K |
| Tested CRI (Ra) | 82.2 |
| Tested R9 | 5.7 |
| Tested IES Rf | 84 |
| Tested IES Rg | 96 |
| Tested IES Rcs,h1 | -12 % |

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|-------------------|---------|
| Tested Duv | -0.0007 |
| Tested Beam Angle | 203.3 ° |

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

| | |
|----------------------------------|---------|
| Tested Voltage | 120 |
| Tested Input Wattage | 12.1 W |
| Tested Total Harmonic Distortion | 17.72 % |
| Tested Power Factor | 0.9241 |

VERSION HISTORY VIEW DETAILS

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|------------|--------|-----|----------|
| 2021-07-22 | Listed | 5.1 | Standard |
|------------|--------|-----|----------|