

SYLVANIA Luminaires

UltraLED™ CCT and Lumen Selectable Wrap

Application

Offered in two high efficacy wattage packages and one lumen selectable package, these CCT selectable fixtures provide increased energy savings as well as greater design flexibility when compared to traditional sources. The UltraLED wrap luminaire is ideal in retail, manufacturing, warehouse, office, and educational environments.

Benefits and Features

- Diffuse acrylic lens delivers smooth, even illumination
- CCT selectable (3500K, 4000K or 5000K color temperature)
- Lumen selectable (22, 28, 34 or 44 watt) or dedicated 22W and 68W versions available for rebate and high wattage opportunities
- Innovative lens design eliminates LED pixilation and light-leaks on all sides of the fixture while still enabling simple, toolless removal of the lens during installation
- Internally mounted motion/daylight sensor and battery back up options increase the versatility of this product line
- DLC Premium listing maximizes rebate opportunities
- Up to 130 LPW
- CRI >80
- Energy savings up to 43%
- Optional 8W battery back-up on 4' products provides 1000 lumens for 90 minutes

Electrical

- 120-277VAC
- 12V auxiliary output
- Power factor >90%
- THD <20%
- 0-10V dimmable down to 10%
- UL damp rated

Rated Life

- 100,000 hours (L₇₀)

Warranty

- 5-year
- NLB Trusted Warranty Program

Ambient Operating Range

- -4°F to +104°F (-20°C to +40°C)

| |
|---------|
| Item # |
| Type |
| Project |
| Notes |
| Date |



Wattage Comparison

| Size | Traditional Source | Traditional System Wattage | LED System Wattage | Energy Savings |
|------|--------------------|----------------------------|--------------------|----------------|
| 2' | 1x32W Fluorescent | 28 | 22 | 21% |
| 4' | 1x32W Fluorescent | 28 | 22 | 21% |
| 4' | 2x28W Fluorescent | 49 | 28 | 43% |
| 4' | 2x28W Fluorescent | 49 | 34 | 31% |
| 4' | 2x32W Fluorescent | 56 | 44 | 21% |
| 4' | 2x54W Fluorescent | 87 | 68 | 22% |

Certifications and Listings

- cULus
- RoHS
- FCC
- DLC Premium

Installation

- Luminaire can be surface mounted or suspended via included V-hook
- Optional joiner bracket facilitates end-to-end mounting



Ordering Guide

| WRAP | 2A | / X | XXX | UNV | D | 8 | SC7 | / XX | U | / WH | / XX |
|--------------|-----------------|---|----------------------------------|----------|-----------|---------|---------------------------------|----------|---------------|--------------|--|
| Product Name | Generation | Lumen | Wattage | Voltage | Dimming | CRI | Color Temp | Length | Mounting | Color/Finish | Options |
| WRAP = Wrap | 2A = Generation | Selectability | 022 = 22 Watts | UNV = | D = 0-10V | 8 = >80 | SC7 = Selectable | 24 = 24" | U = Universal | WH = White | blank= No option |
| Luminaire | 2A | S = Lumen selectable blank = Fixed wattage | 044 = 44 Watts 068 = 68 Watts | 120-277V | dimming | | CCT of 3500K, 4000K or 5000K | 48 = 48" | mounting | | D = Motion/daylight sensor E = Emergency battery back-up DE = Motion/daylight sensor + emergency battery back-up |

Ordering Information

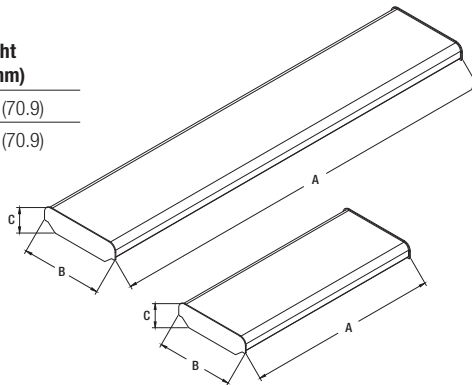
| Item Number | Ordering Abbreviation | Power (W) | Input Voltage (V) | Dimming | CRI | Color Temp | Size | Total Fixture Lumens | LPW | DLC | Options | MTO* |
|-------------|-------------------------------|----------------|-------------------|---------|-----|----------------------------------|------|----------------------|-----|-----|--|------|
| 62176 | WRAP2A/022UNVD8SC7/24U/WH | 22 | 120-277 | 0-10V | >80 | 3500K, 4000K or 5000K Selectable | 2ft | 2860 | 130 | Prm | – | – |
| 62177 | WRAP2A/022UNVD8SC7/48U/WH | 22 | 120-277 | 0-10V | >80 | 3500K, 4000K or 5000K Selectable | 4ft | 2860 | 130 | Prm | – | – |
| 62178 | WRAP2A/S044UNVD8SC7/48U/WH | 22, 28, 34, 44 | 120-277 | 0-10V | >80 | 3500K, 4000K or 5000K Selectable | 4ft | 2860/3640/4420/5720 | 130 | Prm | – | – |
| 62179 | WRAP2A/068UNVD8SC7/48U/WH | 68 | 120-277 | 0-10V | >80 | 3500K, 4000K or 5000K Selectable | 4ft | 8840 | 130 | Prm | – | – |
| 65603 | WRAP2A/022UNVD8SC7/24U/WH/D | 22 | 120-277 | 0-10V | >80 | 3500K, 4000K or 5000K Selectable | 2ft | 2860 | 130 | Prm | Motion/Daylight Sensor | MTO |
| 65604 | WRAP2A/022UNVD8SC7/48U/WH/D | 22 | 120-277 | 0-10V | >80 | 3500K, 4000K or 5000K Selectable | 4ft | 2860 | 130 | Prm | Motion/Daylight Sensor | MTO |
| 65605 | WRAP2A/S044UNVD8SC7/48U/WH/D | 22, 28, 34, 44 | 120-277 | 0-10V | >80 | 3500K, 4000K or 5000K Selectable | 4ft | 2860/3640/4420/5720 | 130 | Prm | Motion/Daylight Sensor | MTO |
| 65606 | WRAP2A/068UNVD8SC7/48U/WH/D | 68 | 120-277 | 0-10V | >80 | 3500K, 4000K or 5000K Selectable | 4ft | 8840 | 130 | Prm | Motion/Daylight Sensor | MTO |
| 65607 | WRAP2A/022UNVD8SC7/48U/WH/E | 22 | 120-277 | 0-10V | >80 | 3500K, 4000K or 5000K Selectable | 4ft | 2860 | 130 | Prm | Emergency Battery Back-up** | MTO |
| 65608 | WRAP2A/S044UNVD8SC7/48U/WH/E | 22, 28, 34, 44 | 120-277 | 0-10V | >80 | 3500K, 4000K or 5000K Selectable | 4ft | 2860/3640/4420/5720 | 130 | Prm | Emergency Battery Back-up** | MTO |
| 65609 | WRAP2A/068UNVD8SC7/48U/WH/E | 68 | 120-277 | 0-10V | >80 | 3500K, 4000K or 5000K Selectable | 4ft | 8840 | 130 | Prm | Emergency Battery Back-up** | MTO |
| 65610 | WRAP2A/022UNVD8SC7/48U/WH/DE | 22 | 120-277 | 0-10V | >80 | 3500K, 4000K or 5000K Selectable | 4ft | 2860 | 130 | Prm | Motion/Daylight Sensor + Emergency Battery Back-up** | MTO |
| 65611 | WRAP2A/S044UNVD8SC7/48U/WH/DE | 22, 28, 34, 44 | 120-277 | 0-10V | >80 | 3500K, 4000K or 5000K Selectable | 4ft | 2860/3640/4420/5720 | 130 | Prm | Motion/Daylight Sensor + Emergency Battery Back-up** | MTO |
| 65612 | WRAP2A/068UNVD8SC7/48U/WH/DE | 68 | 120-277 | 0-10V | >80 | 3500K, 4000K or 5000K Selectable | 4ft | 8840 | 130 | Prm | Motion/Daylight Sensor + Emergency Battery Back-up** | MTO |

*Made To Order

**Emergency Battery back-up provides 1000 lumens for a period of 90 minutes

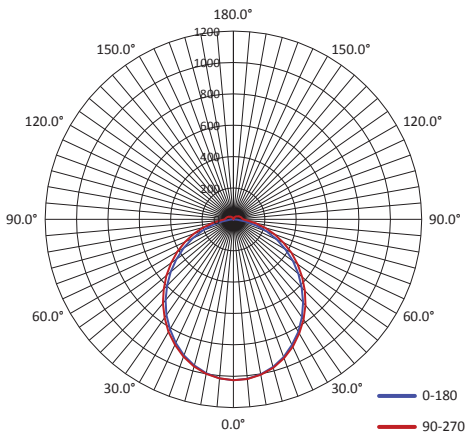
Physical Information

| Lamp Description | (A) Length in (mm) | (B) Width in (mm) | (C) Height in (mm) |
|------------------|--------------------|-------------------|--------------------|
| 2' Versions | 23.9 (607) | 9.37 (238) | 2.79 (70.9) |
| 4' Versions | 47.9 (1216.7) | 9.37 (238) | 2.79 (70.9) |

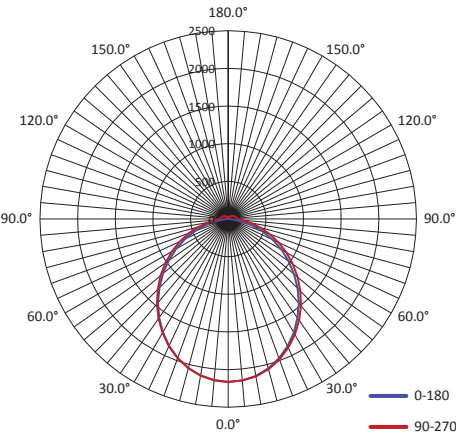


Photometric Information

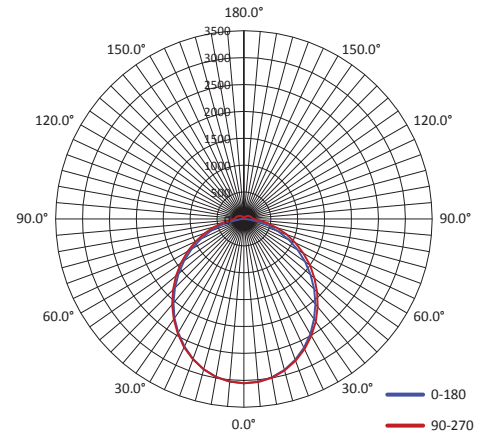
22W



44W

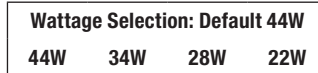


68W



Selector Switches

- CCT Switch can be set to 3500K, 4000K or 5000K
 - Default setting is 4000K
- Wattage Selector can be set to 22, 28, 34 or 44 watts
 - Default setting is 44 watts



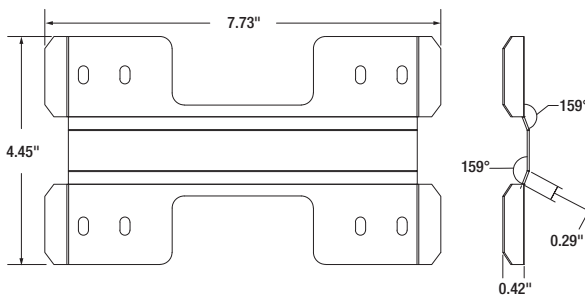
Accessories

| Item Number | Ordering Abbreviation | Item Description |
|-------------|-----------------------|--|
| 62241 | WRAP2A/JOINBRKT | End-to-End Joiner Bracket |
| 60105 | HIBAY2A/REMOTE | Standard Remote Control for Sensor |
| 65305 | STRIP2A/REMOTE | Remote Control with Digital Readout for Sensor |
| 60573 | LNHIBA2A/CHAINMT | Chain Mount (5 foot, 1 pair) |
| 60574 | LNHIBA2A/ACCABLEMT | Cable Mount (5 foot, 1 pair) |

65305
Sensor
Remote



62241 Joiner Bracket



DLC Product ID

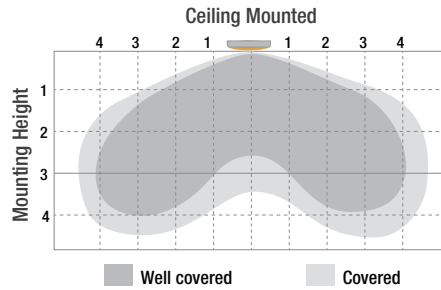
| Item Number | Ordering Abbreviation | Linear Ambient | Low Bay | Stairwell and Passageway |
|-------------|-------------------------------|----------------|--------------|--------------------------|
| 62176 | WRAP2A/022UNVD8SC7/24U/WH | PLNZQA34E42B | | |
| 65603 | WRAP2A/022UNVD8SC7/24U/WH/D | PLNZQA34E42B | | PLSQPNYBALJ8 |
| 62177 | WRAP2A/022UNVD8SC7/48U/WH | PLHHNC71KY5B | | |
| 65604 | WRAP2A/022UNVD8SC7/48U/WH/D | PLHHNC71KY5B | | PL6Z5YYNTNGH |
| 65607 | WRAP2A/022UNVD8SC7/48U/WH/E | PLHHNC71KY5B | | |
| 65610 | WRAP2A/022UNVD8SC7/48U/WH/DE | PLHHNC71KY5B | | PL6Z5YYNTNGH |
| 62178 | WRAP2A/S044UNVD8SC7/48U/WH | PLOBVWFNUWDS | PLFGMABHQ51T | |
| 65605 | WRAP2A/S044UNVD8SC7/48U/WH/D | PLOBVWFNUWDS | PLFGMABHQ51T | PLMWQ61EYIIN |
| 65608 | WRAP2A/S044UNVD8SC7/48U/WH/E | PLOBVWFNUWDS | PLFGMABHQ51T | |
| 65611 | WRAP2A/S044UNVD8SC7/48U/WH/DE | PLOBVWFNUWDS | PLFGMABHQ51T | PLMWQ61EYIIN |
| 62179 | WRAP2A/068UNVD8SC7/48U/WH | PL518W19GZGT | PLA5D91EW1VQ | |
| 65606 | WRAP2A/068UNVD8SC7/48U/WH/D | PL518W19GZGT | PLA5D91EW1VQ | PLIBJ40B8JLA |
| 65609 | WRAP2A/068UNVD8SC7/48U/WH/E | PL518W19GZGT | PLA5D91EW1VQ | |
| 65612 | WRAP2A/068UNVD8SC7/48U/WH/DE | PL518W19GZGT | PLA5D91EW1VQ | PLIBJ40B8JLA |

Sensor Options Information

Default Sensor DIP Switch Settings

- Detection Area:** 100%
- Hold Time:** 5 minutes
- Daylight Threshold:** 50 Lux
- Stand-by Period:** 60 minutes
- Stand-by Dimming:** 30%

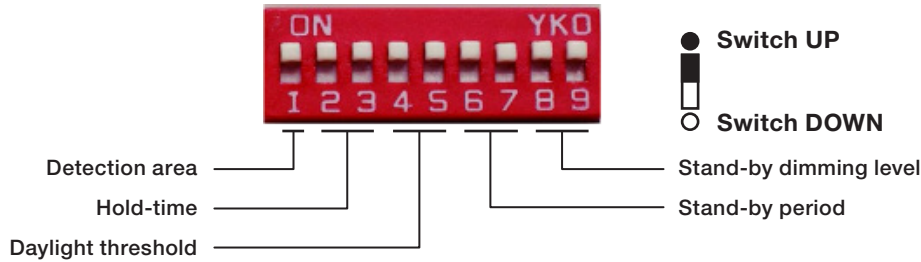
Detection Range



Typical installation height 2.5-4m; units are shown in meters.

This figure indicates the maximum distance at the highest mounting height with 100% sensitivity.

DIP Switch Settings



| | |
|----------------------------------|------|
| <input checked="" type="radio"/> | 100% |
| <input type="radio"/> | 50% |

Detection area

In this area, movement will be detected and able to trigger the sensor. 100% detection area is also known as the strong sensitivity.

| | | |
|----------------------------------|----------------------------------|-------|
| <input checked="" type="radio"/> | <input checked="" type="radio"/> | 10s |
| <input checked="" type="radio"/> | <input type="radio"/> | 1min |
| <input type="radio"/> | <input checked="" type="radio"/> | 5min |
| <input type="radio"/> | <input type="radio"/> | 10min |

Hold-time

The period of light keeping 100% brightness after moving objects leave the detection area.

| | | |
|----------------------------------|----------------------------------|---------|
| <input checked="" type="radio"/> | <input checked="" type="radio"/> | Disable |
| <input checked="" type="radio"/> | <input type="radio"/> | 50lux |
| <input type="radio"/> | <input checked="" type="radio"/> | 30lux |
| <input type="radio"/> | <input type="radio"/> | 10lux |

Daylight threshold

Definition of the ambient brightness; only when the ambient brightness is lower than the preset specific lux amount, the sensor will work; when it's preset as "disable", the sensor works everytime it detects motion regardless the ambient brightness.

| | | |
|----------------------------------|----------------------------------|-------|
| <input checked="" type="radio"/> | <input checked="" type="radio"/> | 1min |
| <input checked="" type="radio"/> | <input type="radio"/> | 30min |
| <input type="radio"/> | <input checked="" type="radio"/> | 60min |
| <input type="radio"/> | <input type="radio"/> | +∞ |

Stand-by period

The period of light keeping low output before it's completely switched off. When it's preset as "∞", the light always keep at low output if no movement in the detection area and doesn't turn off.

| | | |
|----------------------------------|----------------------------------|-----|
| <input checked="" type="radio"/> | <input checked="" type="radio"/> | 10% |
| <input checked="" type="radio"/> | <input type="radio"/> | 20% |
| <input type="radio"/> | <input checked="" type="radio"/> | 30% |
| <input type="radio"/> | <input type="radio"/> | 50% |

Stand-by dimming level

The definition of low output in the standby period.

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