



# LEDVANCE LUMINAIRES

## OPTI-SELECT CYLINDER

## OPTISELECT

### LEDVANCE LUMINAIRE SPECIFICATION DATA

| Catalog #   | Comments |
|-------------|----------|
| Project     |          |
| Type        |          |
| Prepared by |          |

### PERFORMANCE CLASS™



### APPLICATION

The LEDVANCE Performance Class OPTI-SELECT Cylinders offer 3 color temperatures, 3 lumen outputs, 3 beam angles and 3 light modes in only one SKU. A modern and flexible wall luminaire ideal for facades, entryways and wall washing.

### BENEFITS & FEATURES

- OPTI-SELECT: narrow, medium and wide beam angles in the same product, adjustable via switch
- Up, down, or up + down light modes
- Up to 125 LPW
- Selectable color temperature: 3000K/4000K/5000K
- CRI >80
- Selectable wattage and lumens:
  - 3": 5/8/10W | 625/1,000/1,250lm
  - 4": 10/16/20W | 1,250/2,000/2,500lm
  - 6": 15/25/30W | 1,875/3,125/3,750lm
- Integrated photocell that can be disabled via On/Off switch
- 3 sizes and 3 colors available: 3", 4" and 6"; bronze, black and white



## SELECTABLE BEAM ANGLE / DIRECTION

**OPTI**SELECT

CHOOSE BETWEEN 25, 40 OR 60° BEAM ANGLES AND UP, DOWN OR FULL (UP AND DOWN) LIGHT



### ELECTRICAL

- 120-347 V<sub>AC</sub>
- Power Factor >0.9
- THD <20%
- Dimmable 0-10V
- 4kV surge protection

### RATED LIFE

- 100,000 hours (L<sub>70</sub>)

### OPERATING TEMPERATURE

- -40°F to +113°F (-40°C to +45°C)

### CERTIFICATIONS & LISTINGS

- cULus listed to UL1598 standards
- RoHs
- FCC
- IP65, wet location

### WARRANTY

- 5 year
- NLB Trusted Warranty Program

### INSTALLATION

- Wall mounting
- Factory settings: 3000K, maximum wattage, full light (up + down), photocell ON, beam angle = 40°



INSTALLATION GUIDE

## WATTAGE COMPARISON

| LED SOURCE<br>WATTAGE/LUMENS | REPLACES<br>TRADITIONAL SOURCE |            | ENERGY<br>SAVINGS |
|------------------------------|--------------------------------|------------|-------------------|
| 10W / 1,250lm                | Incandescent                   | up to 100W | 90%               |
| 20W / 2,500lm                |                                | up to 150W | 87%               |
| 30W / 3,750lm                |                                | up to 200W | 85%               |

## DIMMER COMPATIBILITY

| DIMMER  | MODEL     |
|---------|-----------|
| Leviton | DS710     |
| Leviton | IP710     |
| Lutron  | NTSTV-DV  |
| Lutron  | DVSTV     |
| Lutron  | DVTV-WH   |
| Legrand | RH4FBL3PW |

## ORDERING GUIDE

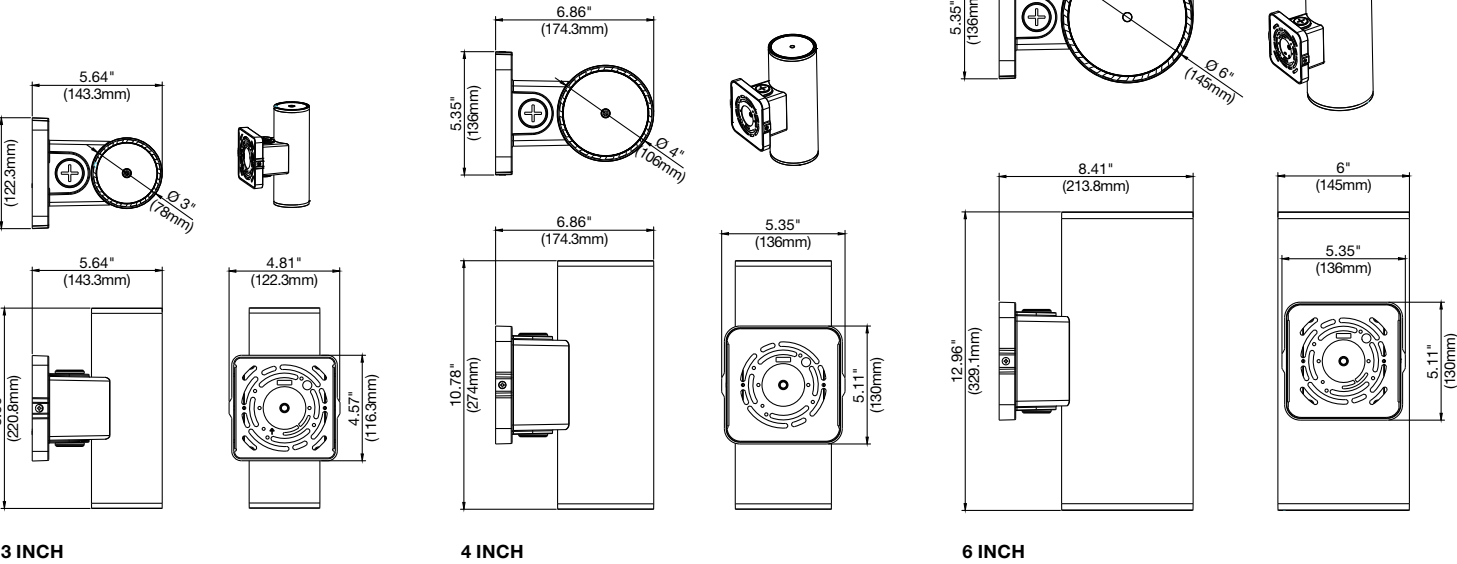
| CYLIND                      | P                     | SXXX                                                   | UNH            | D                  | 8          | SC2                   | RX                                              | XX                                      | P             |
|-----------------------------|-----------------------|--------------------------------------------------------|----------------|--------------------|------------|-----------------------|-------------------------------------------------|-----------------------------------------|---------------|
| PRODUCT NAME                | SEGMENTATION CLASS    | WATTAGE                                                | VOLTAGE        | DIMMING            | CRI        | COLOR TEMPERATURE     | SIZE                                            | COLOR/FINISH                            | PHOTOCELL     |
| CYLIND = Cylinder luminaire | P = Performance Class | S010 = 5/8/10W<br>S020 = 10/16/20W<br>S030 = 15/25/30W | UNH = 120-347V | D = 0-10V Dimmable | 8 = 80 CRI | SC2 = 3000/4000/5000K | R3 = Round 3"<br>R4 = Round 4"<br>R6 = Round 6" | BZ = Bronze<br>BL = Black<br>WH = White | P = Photocell |

ORDERING INFORMATION

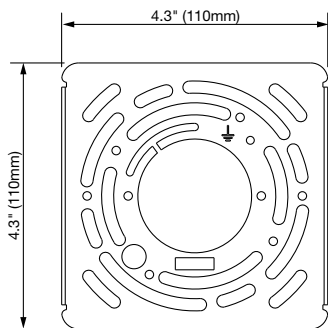
| ITEM # | ORDERING ABBREVIATION    | WATTAGE (W) | LUMENS (LM)       | LPW | VOLTAGE (V) | DIM. (V) | CRI | CCT             | BEAM ANGLE | SIZE (IN) | FINISH |
|--------|--------------------------|-------------|-------------------|-----|-------------|----------|-----|-----------------|------------|-----------|--------|
| 66282  | CYLINDPS010UNHD8SC2R3BZP | 5/8/10      | 625/1,000/1,250   | 125 | 120-347     | 0-10     | 80  | 3000/4000/5000K | 25/40/60°  | 3         | Bronze |
| 66283  | CYLINDPS020UNHD8SC2R4BZP | 10/16/20    | 1,250/2,000/2,500 | 125 | 120-347     | 0-10     | 80  | 3000/4000/5000K | 25/40/60°  | 4         | Bronze |
| 66284  | CYLINDPS030UNHD8SC2R6BZP | 15/25/30    | 1,875/3,125/3,750 | 125 | 120-347     | 0-10     | 80  | 3000/4000/5000K | 25/40/60°  | 6         | Bronze |
| 66285  | CYLINDPS010UNHD8SC2R3BLP | 5/8/10      | 625/1,000/1,250   | 125 | 120-347     | 0-10     | 80  | 3000/4000/5000K | 25/40/60°  | 3         | Black  |
| 66286  | CYLINDPS020UNHD8SC2R4BLP | 10/16/20    | 1,250/2,000/2,500 | 125 | 120-347     | 0-10     | 80  | 3000/4000/5000K | 25/40/60°  | 4         | Black  |
| 66287  | CYLINDPS030UNHD8SC2R6BLP | 15/25/30    | 1,875/3,125/3,750 | 125 | 120-347     | 0-10     | 80  | 3000/4000/5000K | 25/40/60°  | 6         | Black  |
| 66288  | CYLINDPS010UNHD8SC2R3WHP | 5/8/10      | 625/1,000/1,250   | 125 | 120-347     | 0-10     | 80  | 3000/4000/5000K | 25/40/60°  | 3         | White  |
| 66289  | CYLINDPS020UNHD8SC2R4WHP | 10/16/20    | 1,250/2,000/2,500 | 125 | 120-347     | 0-10     | 80  | 3000/4000/5000K | 25/40/60°  | 4         | White  |
| 66290  | CYLINDPS030UNHD8SC2R6WHP | 15/25/30    | 1,875/3,125/3,750 | 125 | 120-347     | 0-10     | 80  | 3000/4000/5000K | 25/40/60°  | 6         | White  |

PHYSICAL INFORMATION

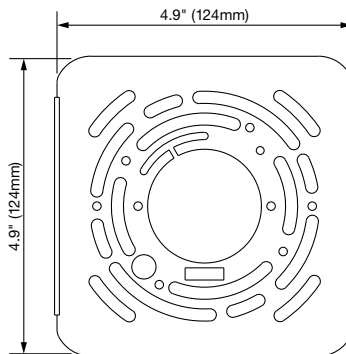
| LUMINAIRE DESCRIPTION | DIAMETER IN (MM) | HEIGHT IN (MM) | WEIGHT LB (G) |
|-----------------------|------------------|----------------|---------------|
| 3 inch                | 3 (78mm)         | 8.7 (221mm)    | 3 (1350)      |
| 4 inch                | 4 (106mm)        | 10.8 (274mm)   | 4.5 (2050)    |
| 6 inch                | 6 (145mm)        | 13 (329mm)     | 6.3 (2850)    |



## MOUNTING PLATES

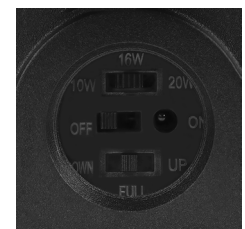
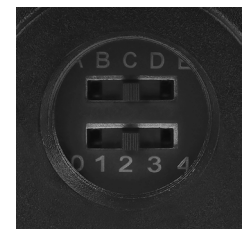
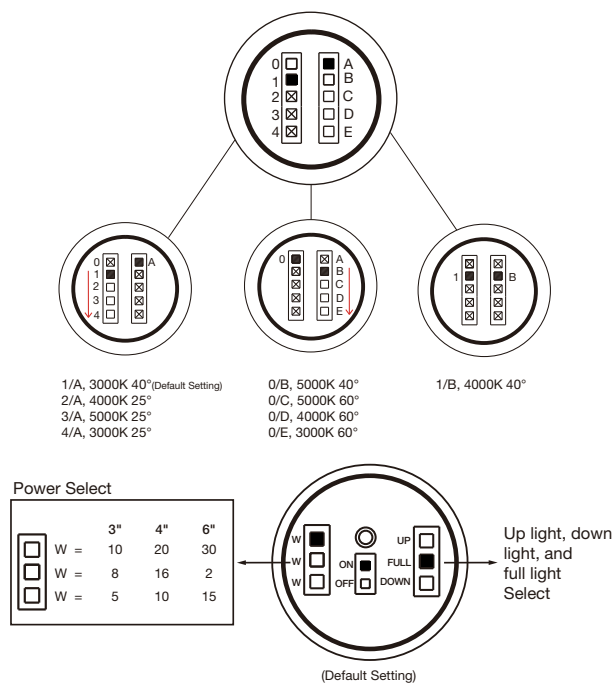


**MOUNTING PLATE  
FOR 3" & 4" CYLINDER**



**MOUNTING PLATE  
FOR 6" CYLINDER**

## WATTAGE CCT BEAM ANGLE & LIGHT DIRECTION SELECTION



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