



# ICETUBE

**RPDO4 | SUSPENDED, WALL**

DESIGN BY  
**NEIDHARDT**

**STANDARD SIZES**

Nominal tube lengths from 3' to 8'  
Vertical/Horizontal Pendants, Wall Sconce, & Wall-To-Wall Sconce

**LAMPING**

LED - 90+ CRI - 2700K/3000K/3500K/4000K  
Output Options: Standard/RGB/RGBW  
Dimming down to 0%

**FINISH**

Brushed Aluminum, White, Black, Silver, Brass, RAL Classic Colors

**CONSTRUCTION**

Industrial Strength Extruded Aluminum



## PRODUCT SUBMITTAL WORKSHEET

### SAMPLE PRODUCT CODE

**RPD04/P1 – 6 – 3500 – 0/10V/S – BAL – UNV – EMB**  
1 2 3 4 5 6 7

#### 1. BASE MODEL (CHOOSE ONE)

- RPD04/P1** Vertical Pendant with Fully Illuminated Tube
- RPD04/P2** Vertical Pendant with Partially Covered Tube
- RPD04/S** Wall Sconce
- RPD04/WW** Wall-to-Wall Sconce
- RPD04/HP** Horizontal Pendant

#### 2. NOMINAL SIZE (CHOOSE ONE – SEE PAGES 3-4 FOR ACTUAL DIMENSIONS)

- 3** 3' (36") nominal length
- 4** 4' (48") nominal length
- 5** 5' (60") nominal length
- 6** 6' (72") nominal length
- 8** 8' (96") nominal length


#### 3. LED LAMPING (CHOOSE ONE – EFFICACY: 700 LM/FT, 9 W/LINEAR FOOT)

- 2700** 2700K (very warm)
- 3000** 3000K (warm)
- 3500** 3500K (slightly warm)
- 4000** 4000K (neutral)
- RGB** Red, Green, and Blue LED
- RGBW** Red, Green, Blue, and White (4000K) LED

#### 4. REMOTE DRIVER (CHOOSE ONE)

- 0/10V/S** 0-10V dimming down to 10% (Standard Dimming)
- 0/10V/1%** 0-10V dimming down to 1%
- 0/10V/0%** 0-10V premium dimming down to 0%
- DMX** DMX flicker-free dimming down to 0% (Select for RGB or RGBW lamping)
- ECOSYS1** Lutron Hi-lume 1% EcoSystem, constant current or constant voltage
- LTEA** Lutron Hi-lume 1% 2-wire TRIAC dimming (120V forward-phase only), constant current or constant voltage

#### 5. FINISH (CHOOSE ONE)

- BAL** Brushed Aluminum
- BK** Black Powder Coat
- BRS** Brass Metallic Powder Coat
- SV** Silver Powder Coat
- WH** White Powder Coat
- WH/AM**  White Antimicrobial Powder Coat (for healthcare environments)
- RAL\_\_\_\_\_** Specify RAL Classic Color code (ex: RAL3003) [ralcolorchart.com/ral-classic](http://ralcolorchart.com/ral-classic)

#### 6. VOLTAGE

- UNV** Universal Voltage (120VAC-277VAC)

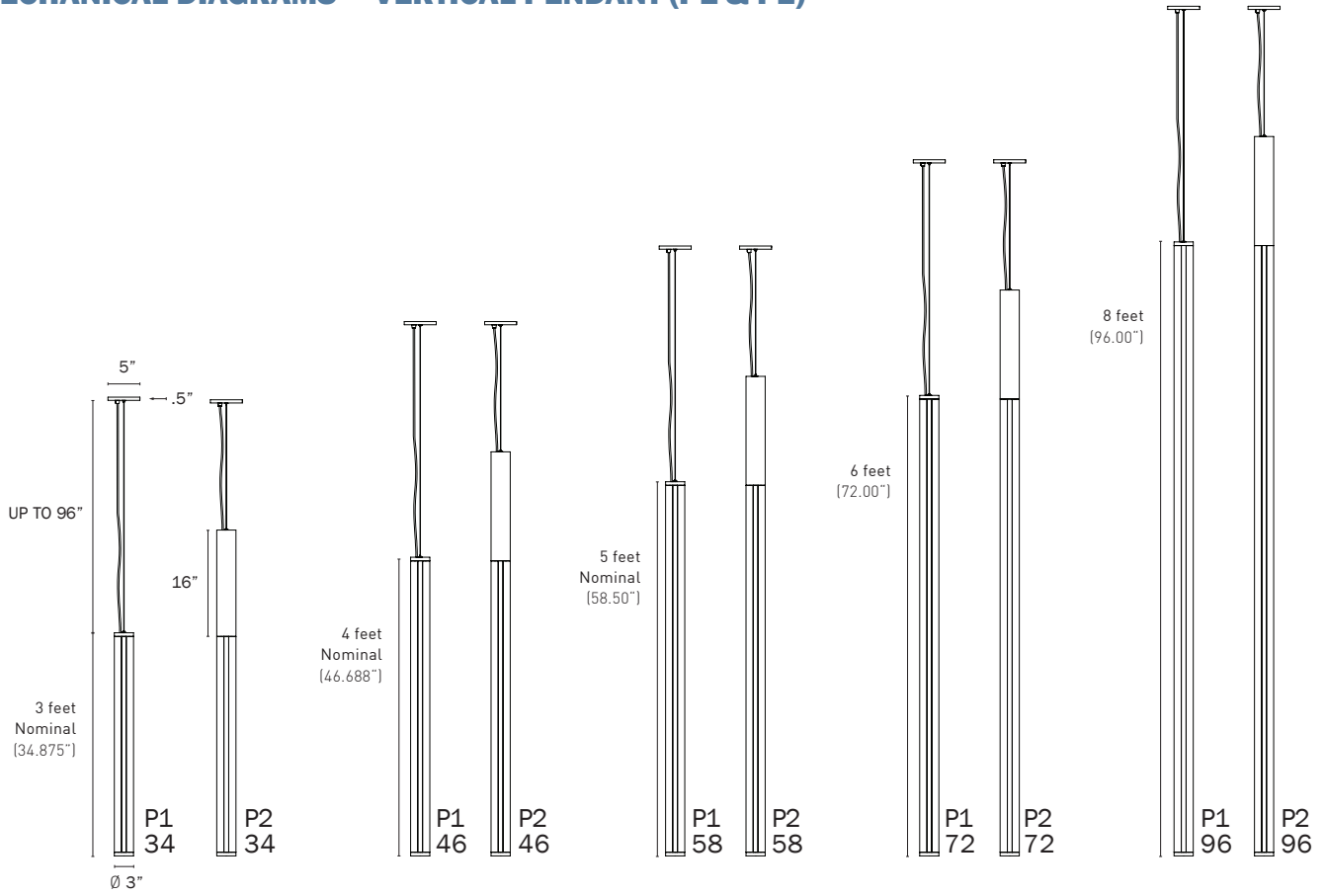
#### 7. EMERGENCY OPTIONS (OPTIONAL)

- EMB** Emergency Battery Pack

SS110618-A.0

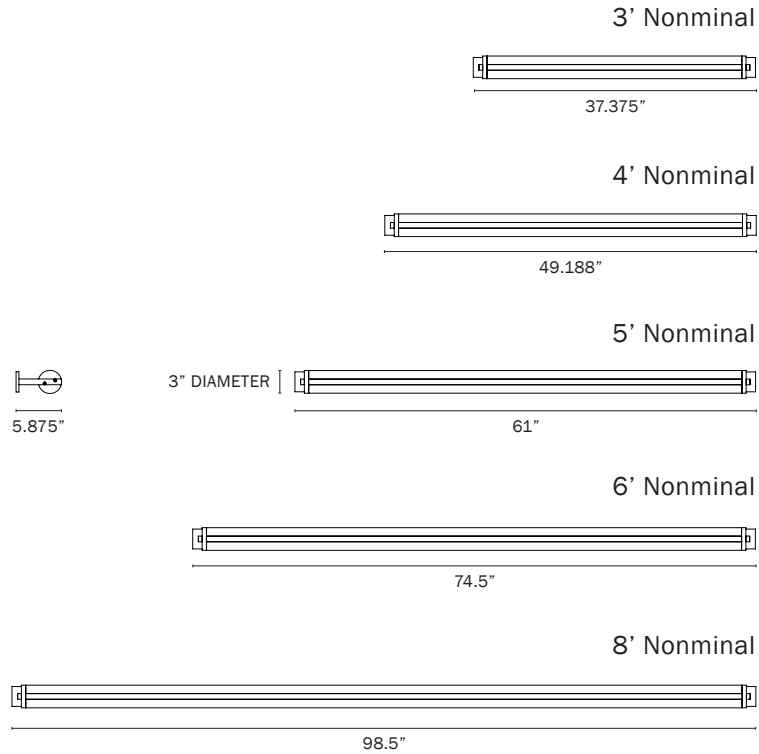


## MECHANICAL DIAGRAMS – VERTICAL PENDANT (P1 & P2)

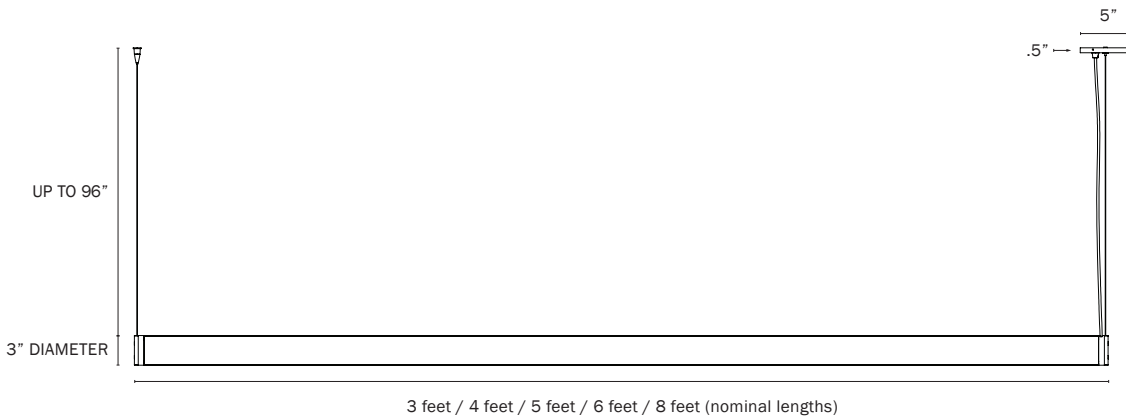




## MECHANICAL DIAGRAMS – SCONCE (S)



## MECHANICAL DIAGRAMS – HORIZONTAL PENDANT (HP)



**VISUAL DIAGRAM – WALL-TO-WALL SCONCE (WW)**



**ICETUBE VOLTAGE DROP CHART FOR REMOTE DRIVERS - WHITE OR RGB/RGBW LED, 24VDC**

For best performance, ensure proper wire gauge is installed between the remote LED driver and canopy that is dropping power to your fixture. This chart only applies to RPDO4 White or RGB/RGBW LEDs at 24VDC. Do not use this chart to calculate voltage drop for other fixtures. Power consumption for White LEDs is approximately 9 W per linear foot (W/lf), and 5 W/lf for RGB LEDs.

WIRE GAUGE	20W 0.83A	30W 1.25A	40W 1.67A	50W 2.08A	60W 2.50A	70W 2.92A	80W 3.33A	90W 3.75A	100W 4.17A
18 AWG	59 ft.	37 ft.	25 ft.	19 ft.	14 ft.	11 ft.	8 ft.	7 ft.	5 ft.
16 AWG	99 ft.	63 ft.	45 ft.	35 ft.	27 ft.	22 ft.	18 ft.	15 ft.	13 ft.
14 AWG	163 ft.	106 ft.	77 ft.	60 ft.	49 ft.	40 ft.	34 ft.	30 ft.	26 ft.
12 AWG	264 ft.	173 ft.	128 ft.	100 ft.	82 ft.	69 ft.	60 ft.	52 ft.	46 ft.
10 AWG	424 ft.	280 ft.	208 ft.	164 ft.	136 ft.	115 ft.	100 ft.	88 ft.	78 ft.



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## ADDITIONAL OPTIONS & SPECIFICATIONS

### LENS

Extra diffused opal acrylic lens (LENS).

### HOUSING

100% recyclable, extruded architectural grade aluminum

### SAFETY & REGULATORY

ETL Listed (U.S. & Canada).

Conforms to UL std. 2108, Low Voltage Luminaires / Low Voltage Lighting Systems.

Certified to CSA std. C22.2#250.0:2008 Ed. 3+G1;G2.

### OPERATING TEMPERATURE

Luminaire should be installed and operated ONLY in dry or damp environments where the ambient temperature ranges from -4 °F to 122 °F ( -20 °C to 50 °C). Luminaire operation in environments outside the listed temperature range voids the warranty AND may damage the product or adversely impact lamp life, lumen output and color consistency.

### FINISH



**Brushed  
Aluminum**



**White\***



**Black**



**Silver**



**Brass**



**RAL Classic**

*\*For healthcare environments, a white antimicrobial finish (WH/AM) is also available.*