



# ICETUBE

## RPDO4 | SUSPENDED, WALL

### STANDARD SIZES

Nominal tube lengths from 3' to 6'

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

18 standard finishes available at no extra charge

RAL classic colors, TCI / Tiger Drylac catalog colors, and custom color match also available

### 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

#### 3. LED LAMPING (CHOOSE ONE)

- ☐ **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 (3500K) LED

RAW LUMENS PER LINEAR FOOT	SYSTEM WATTS PER LINEAR FOOT
500 LM/FT (WHITE)	13W/FT (WHITE)

#### 4. REMOTE DRIVER (CHOOSE ONE .STD & RGB(W) TABLE INDICATES COMPATIBLE LED LAMPING)

- |  | STD | RGB(W) |
|--|-----|--------|
| <input type="checkbox"/> <b>0/10V/S</b>  | ●   | ●      |
| <input type="checkbox"/> <b>0/10V/1%</b> | ●   | ●      |
| <input type="checkbox"/> <b>0/10V/0%</b> | ●   | ●      |
| <input type="checkbox"/> <b>ECOSYS1</b>  | ●   | ●      |
| <input type="checkbox"/> <b>LTEA</b>     | ●   | ●      |
| <input type="checkbox"/> <b>DMX</b>      | ●   | ●      |
- 0-10V dimming down to 10% (Standard Dimming)
  - 0-10V dimming down to 1%
  - 0-10V premium dimming down to 0%
  - (L3DA) Lutron Hi-lume 1% EcoSystem 24V LED Driver
  - Lutron Hi-lume 1% 2-wire TRIAC dimming (120V forward-phase only), constant voltage
  - DMX flicker-free dimming down to 0%

\*Driver specifications provided upon request.









## 5. FINISH (CHOOSE ONE. SEE PAGE 7 FOR LARGER SWATCHES AND ADDITIONAL INFORMATION)

### STANDARD FINISHES





#### ALUMINUM

☐ **BA**  Brushed Aluminum





#### BASIC POWDER COAT

☐ **GW**  Gloss White  
☐ **SW**  Satin White  
☐ **AW**   Antimicrobial Satin White  
☐ **TW**  Textured Matte White  
☐ **TB**  Textured Matte Black

#### METALLIC POWDER COAT

☐ **SG**  Silver Gray  
☐ **CG**  Charcoal Gray  
☐ **CU**  Copper  
☐ **BR**  Brass




#### SATIN ANODIZED EFFECT POWDER COAT

☐ **CS**  Clear Silver  
☐ **OB**  Oil-Rubbed Bronze  
☐ **DB**  Dark Bronze  
☐ **SB**  Satin Black

#### GLOSS POWDER COAT (80-95% GLOSS)

☐ **GO**  Orange (RAL 2003)  
☐ **GR**  Red (RAL 3020)  
☐ **GM**  Magenta (RAL 4010)  
☐ **GB**  Blue (RAL 5015)

### SPECIAL ORDER FINISHES

☐ **RAL\_\_\_\_\_**  Specify RAL Classic Color (Ex: RAL 3003) - Most RAL Colors are available for powder coat. See [www.alwusa.com/finishes](http://www.alwusa.com/finishes)  
☐ **CAT\_\_\_\_\_**  Specify Catalog Colors - Specify colors from the [Tiger Drylac](#) and [TCI](#) catalogs  
☐ **CCM\_\_\_\_\_**  Custom Color Match - Specify a custom powder coat color match

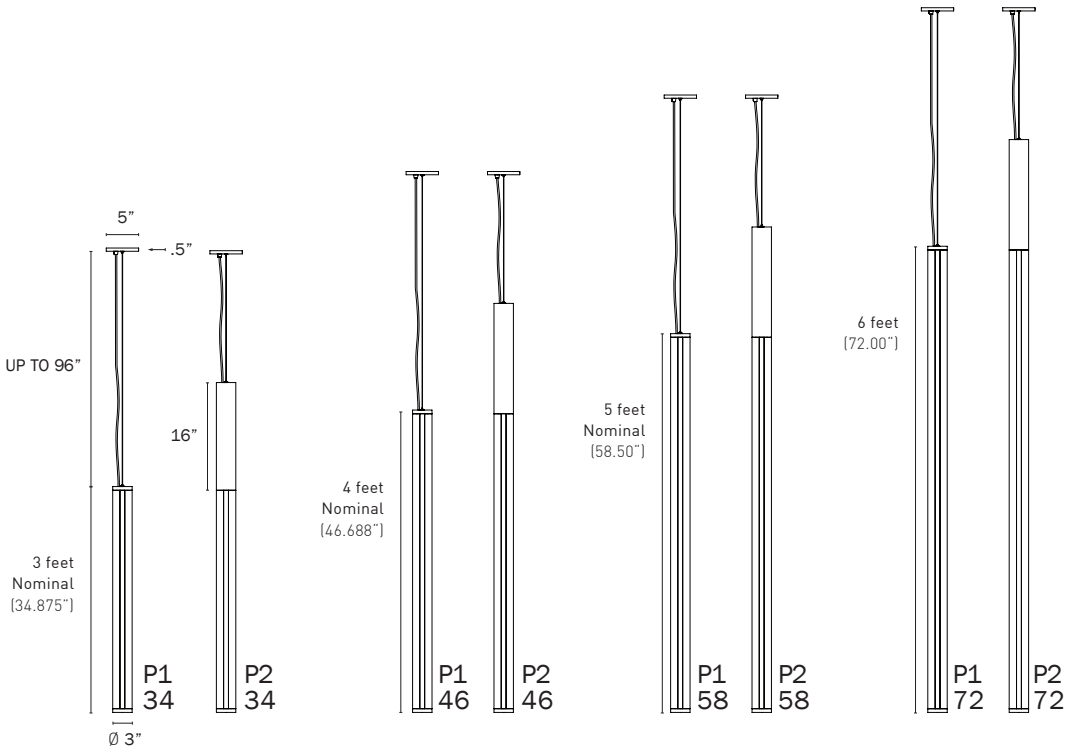
## 6. VOLTAGE

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

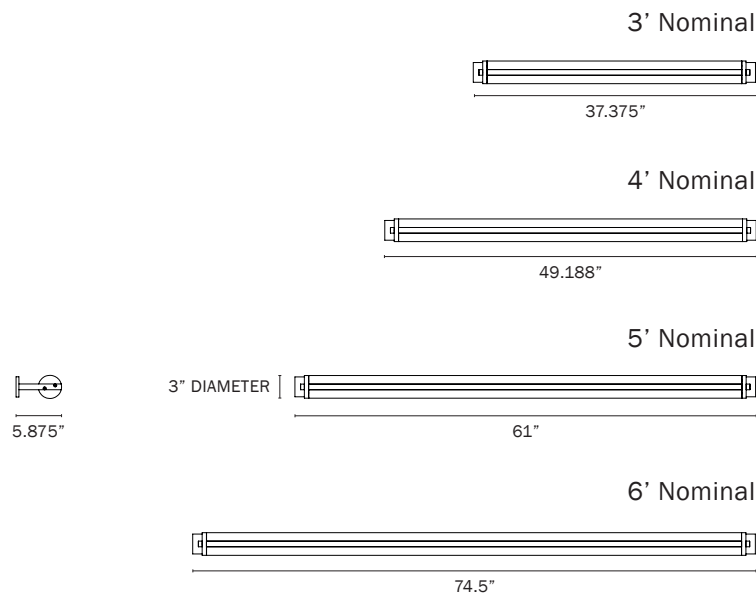
## 7. EMERGENCY OPTIONS (OPTIONAL)

☐ **EMB**  Emergency Battery Pack

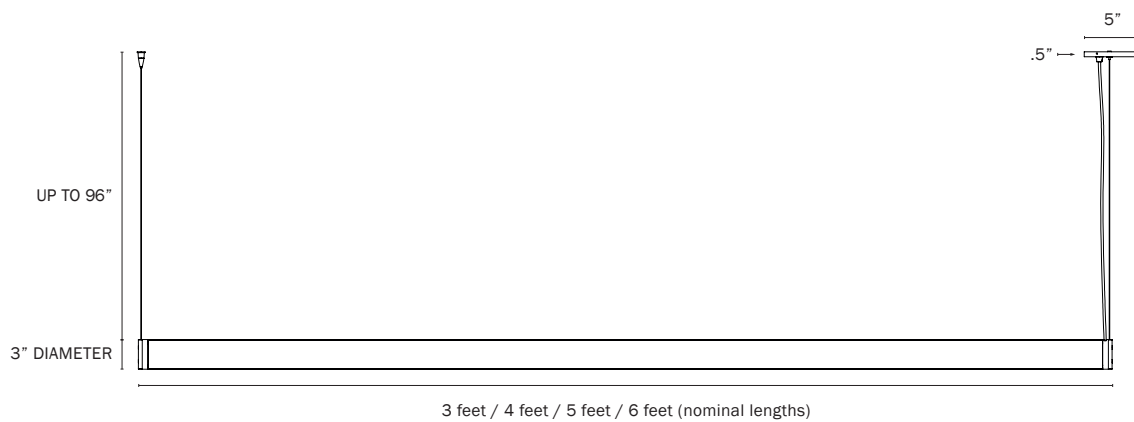
**MECHANICAL DIAGRAMS – VERTICAL PENDANT (P1 & P2)**



**MECHANICAL DIAGRAMS — SCONCE (S)**

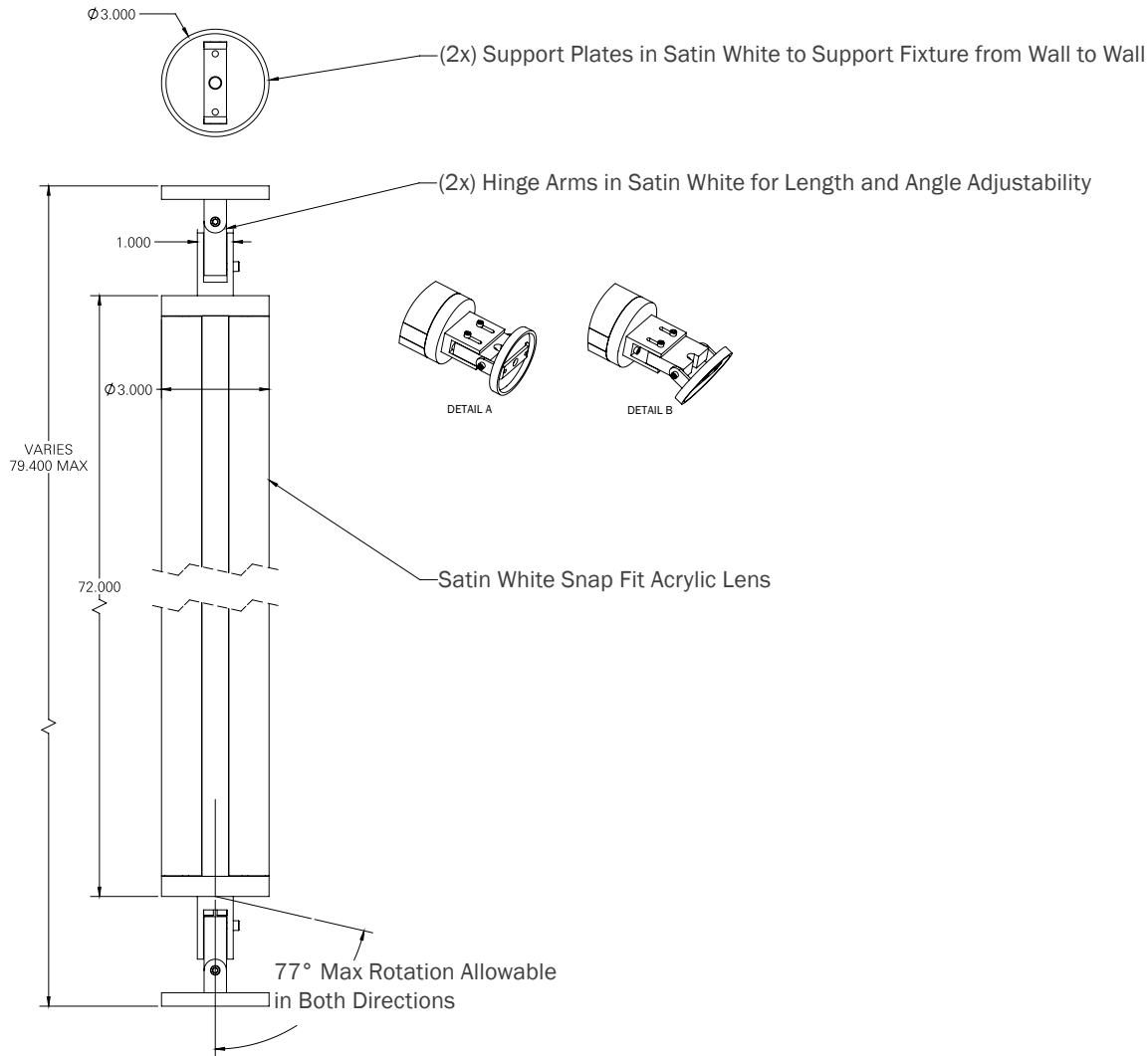


**MECHANICAL DIAGRAMS — HORIZONTAL PENDANT (HP)**





## MECHANICAL 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 RPD04 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.

SS010820-A.0



## STANDARD FINISHES

Standard finishes are available at no additional charge.

### ALUMINUM



Brushed  
Aluminum

### BASIC POWDER COAT



Gloss  
White



Satin  
White



Antimicrobial  
Satin  
White



Textured  
Matte  
White



Textured  
Matte  
Black

### METALLIC POWDER COAT



Silver  
Gray



Charcoal  
Gray



Copper



Brass

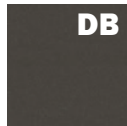
### SATIN ANODIZED EFFECT POWDER COAT



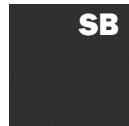
Clear  
Silver



Oil-Rubbed  
Bronze



Dark  
Bronze



Satin  
Black

### GLOSS POWDER COAT (80-95% GLOSS)



Orange  
RAL 2003



Red  
RAL 3020



Magenta  
RAL 4010



Blue  
RAL 5015

## SPECIAL ORDER FINISHES\*



### RAL CLASSIC COLORS (80-95% GLOSS): RAL\_ \_ \_ \_

Most RAL Classic Colors are available for a minimum setup fee. On your specification submittal choose your RAL color by entering the 4-digit RAL code (Ex: RAL 3003).

See [www.alwusa.com/finishes](http://www.alwusa.com/finishes)



### CUSTOM COLOR MATCH: CCM\_ \_ \_ \_

Custom powder coat color matching is available for a premium setup fee. Consult ALW for additional information.



### CATALOG COLORS: CAT\_ \_ \_ \_

The complete range of powder coat colors from [Tiger Drylac](#) and [TCI](#) catalogs are available for a minimum setup fee. Consult ALW for a catalog color you would like to specify.

\*An individual setup fee will apply to each unique Special Order Finish per purchase order.

(ex: RAL 5023 and RAL 2008 are specified for multiple line items on a purchase order. 2x setup fees will apply)



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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.

### POWER CABLES

Power cables come standard in a transparent sheathing to match steel aircraft suspension cables. Please contact customer support if custom cables are required for your application. Power cables cannot be swapped in the field as it will void the ETL Safety Listing and Product Warranty.

