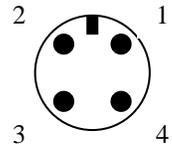


# WASHDOWN RING LIGHT 4" Series

### ELECTRICAL:

Input Voltage: 24VDC  $\pm$  1VDC  
 Input Current: 300mA typical 660nm & 880nm  
 350mA typical White  
 Connector: Quick Connect, 4 pin Euro / Micro  
 Wiring:

| Pin # | Wire Color | Function   |
|-------|------------|--|
| 1     | Brown      | +24VDC   |
| 2     | N/C        | N/C  |
| 3     | Blue       | +24VDC return (GND)  |
| 4     | Black      | PNP Strobe Input: < 1 VDC for "OFF" +5VDC to +24VDC for "ON" |



### MECHANICAL:

Dimensions: <http://www.spectrumillumination.com>

- Stainless Steel 316 & Natural Delrin Housing
- IP68 Rating
- FDA Compliant

### ILLUMINATION:

Light Source: LED – 2 Colors, IR  
 Quantity LED's: 84  
 Light Emitting Pattern: 4" / 100mm  
 LED Life: up to 100,000 hours\*.  
 \*Contact us for LED life information

### DIFFUSERS:

Shower Glass – Standard  
 Thin Film Diffuser – Option /TFD  
 White, Opaque – Option /WD  
 White, Semi Opaque – Option /MWD  
 Polarizer – Option /P

### PART NUMBER DESIGNATION:

**WRL4-XXX**

XXX = Light Color -660, -880, & -WHI

| Color    | Dash # | $\lambda$<br>Dominant<br>Typical | $\lambda$<br>Dominant<br>Range | Spectral<br>Half-width<br>$\Delta\lambda_{1/2}$ | $\lambda$ Peak<br>Typical | Units | Viewing<br>Angle |
|----------|--------|----------------------------------|--------------------------------|---|---------------------------|-------|------------------|
| Infrared | -880   | n/a                              | 860-895                        | 19  | 875                       | nm    | 17°              |
| Red      | -660   | 643                              | n/a                            | 20  | 660                       | nm    | 10°              |
| White    | -WHI   | Color Temp 6700 K typical        |                                |   |                           |       | 16°              |



Light includes 4-meter  
wash down cable - cable  
also available in 8, 15 and  
30-meter lengths)

Rev. Date: 2009-05-29