

# Wash Down Back Light 4"x8" Series

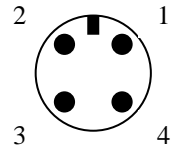
**ELECTRICAL:**

Input Voltage: 24VDC (25VDC Maximum)  
 Input Current: **-470** 920mA typical (1120mA Maximum); **-530** 520mA typical (640mA Maximum)  
**-660** 640mA typical (800mA Maximum); **-880** 800mA typical (960mA Maximum)  
**-WHI** 1280mA typical (1440mA Maximum)

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" +24VDC for "ON"



**MECHANICAL:**

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

IPC-68 rated Enclosure  
 USFDA compliant enclosure, gaskets and hardware  
 316 Stainless Steel  
 Acrylic Diffuser  
 Silicon Gaskets

**ILLUMINATION:**

Light Source: LED – 4 Colors, IR  
 Quantity LED's: 384  
 Light Emitting Pattern: 4" x 8" / 101mm x 203mm  
 LED Life: up to 100,000 hours\*.  
 \*Contact us for LED life information

**DIFFUSERS:**

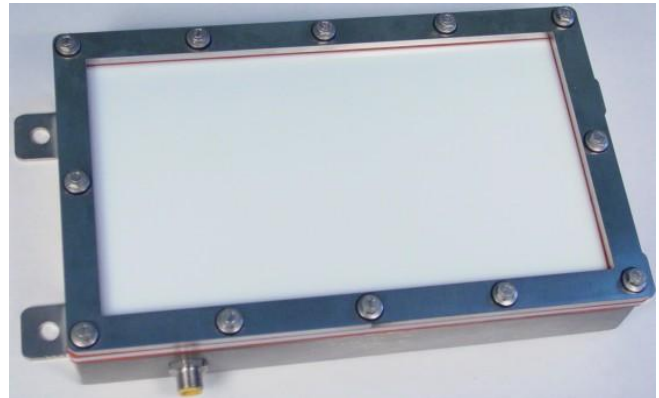
Polarizer – Option /P

**PART NUMBER DESIGNATION:**

**WBL48-XXX**

XXX = Light Color -470, -530, -660, -880 & -WHI\*

\* Note: White is not for continuous operation due to short LED life (10,000 hrs @ 80% output at 25°C). Strobing at <10% duty cycle is highly recommended. Higher duty cycles will cause excess heat and shorten LED life.



Light includes 4 meter cable, 8, 15 and 30 meter cables are available at additional cost

Color	Dash #	$\lambda$ Dominant Typical	$\lambda$ Dominant Range	Spectral Half-width $\Delta\lambda_{1/2}$	$\lambda$ Peak Typical	Units
Infrared	-880	n/a	n/a	50	880	nm
Red	-660	643	n/a	20	660	nm
Green	-530	525	520-535	35	530	nm
Blue	-470	470	465-475	25	468	nm
White	-WHI	Color Temp 8500 K typical				