

Wash Down Back Light 4"x4" Series

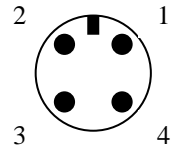
ELECTRICAL:

Input Voltage: 24VDC (25VDC Maximum)
 Input Current: **-470** 460mA typical (560mA Maximum); **-530** 260mA typical (320mA Maximum)
-660 320mA typical (400mA Maximum); **-880** 400mA typical (480mA Maximum)
-WHI 280mA typical (320mA 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
 White EPDM Rubber Gaskets

ILLUMINATION:

Light Source: LED – 4 Colors, IR
 Quantity LED's: 192
 Light Emitting Pattern: 4" x 4" / 101mm x 101mm
 LED Life: up to 50,000 hours*.
 *Contact us for LED life information

PART NUMBER DESIGNATION:

WBL44-XXX

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

Color	Dash #	λ Dominant Typical	λ Dominant Range	Spectral Half-width $\Delta\lambda_{1/2}$	λ 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 6300K typ (5600K to 7000K)				



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