



High Efficiency Economic Backlight

Model#: FR-BL146X254



- 2x brighter than Cold Cathode fluorescent.
- Better uniformity than Cold Cathode fluorescent (+/-5%).
- No warm up time (time to reach full intensity).
- Low Power Consumption.
- No hot spots or glare.
- Patent-pending technology.

Active Area		Dimensions		Specifications:	
146.8 x 254 mm	5.78in x 10in	336.2 x 248.2 x 22.1 mm	13.25in x 9.77in x 0.87in	Current Consumption	0.09 ~ 0.12A
				Finish	Black Anodized
				Housing	Aluminum
				Intensity Uniformity	+/-5%
				Operating Temperature	120° F Max
				Illuminance	15,000 Lux
				Compliance	CE/RoHS
				Lifetime Hours	75,000 Hours

Part #	Color
FR-BL146X254-W-24	White 6000 K
FR-BL146X254-R-24	Red 630nm

Wiring Diagram	
Flying Leads	Function
RED	+24VDC
BLACK	Ground

ORDERING INFORMATION:

• 1 4 6 X 2 5 4 - - 2 4 -

W
R
White 6000k
Red 630nm
***BLANK**
ILD
ILS
10 ft. Flying Leads
In Line Dimmer
In Line Strobe (customer provide trigger info)



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Vision Light Tech
creating optical solutions

Drawing/Diagram

