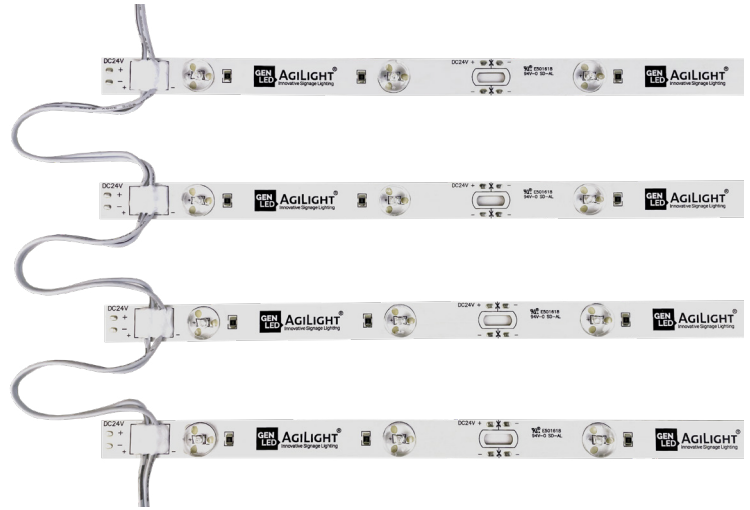




**OPTIRAYZ FB**

OptiRayz FB is a rigid light bar system with LED optics that are ideal for soft signage lighting in fabric light boxes. Use 24V OptiRayz FB light bars to create a simple grid for backlighting applications. Available in three sizes and two standard CCTs. Longer OptiRayz FB light bars can be trimmed at set cut points to fit odd sizes.

- For fabric light box applications
- Available in 2 standard CCTs: 5000K, 6500K
- 3 sizes at 160 lm/W:
  - 6.5 in. (165 mm): 2 LEDs
  - 19.5 in. (495 mm): 6 LEDs
  - 39 in. (990 mm): 12 LEDs
- 296 lm/ft (970 lm/m) @ 6500K
- Creates quick backlighting grid
- Wire spacing at 5.9 in. (150 mm)
- Trim light bars every 6.5 in. (165 mm) at set cut points



**ORDERING GUIDE**

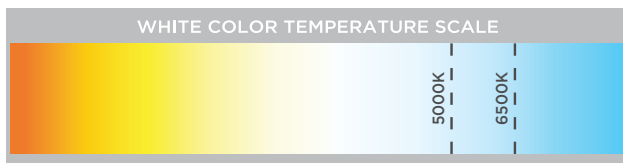
Part Number	Length	Width	CCT	# of LEDs/Bar	lm/W	Wattage	lm/ft	lm/m
LS-RLB-65K-165-A	6.5 in. / 165 mm	0.63 in. / 16 mm	6500K	2	160	1	296	970
LS-RLB-50K-165-A	6.5 in. / 165 mm	0.63 in. / 16 mm	5000K	2	160	1	296	970
LS-RLB-65K-495-A	19.5 in. / 495 mm	0.63 in. / 16 mm	6500K	6	160	3	296	970
LS-RLB-50K-495-A	19.5 in. / 495 mm	0.63 in. / 16 mm	5000K	6	160	3	296	970
LS-RLB-65K-990-A	39 in. / 990 mm	0.63 in. / 16 mm	6500K	12	160	6	296	970
LS-RLB-50K-990-A	39 in. / 990 mm	0.63 in. / 16 mm	5000K	12	160	6	296	970

**SPECIFICATIONS**

<b>Input Voltage</b>	24 V DC
<b>Available Lengths</b>	6.5 in. / 165 mm 19.5 in. / 495 mm 39 in. / 990 mm
<b>Max Run Pieces at 100W</b> (in continuous string)	81 pieces - 6.5 in. / 165 mm 27 pieces - 19.5 in. / 495 mm 13 pieces - 39 in. / 990 mm
<b>Ingress Protection</b>	IP20
<b>Warranty</b>	5 Years

**POWER SUPPLY LOADING**

Part Number	Max. # of Bars in Continuous String per Power Supply		
	60W	100W	300W
LS-RLB-65K-165-A	54	81	81
LS-RLB-50K-165-A	54	81	81
LS-RLB-65K-495-A	18	27	27
LS-RLB-50K-495-A	18	27	27
LS-RLB-65K-990-A	9	13	13
LS-RLB-50K-990-A	9	13	13



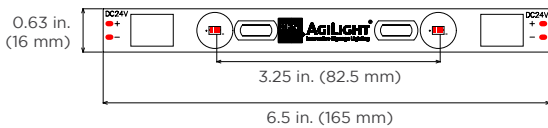


**SHIPPING INFORMATION**

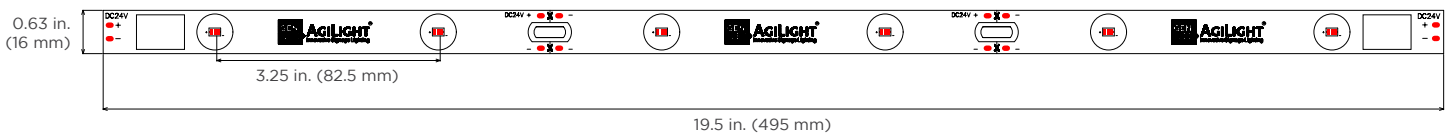
Shipping Information						
Part Number	Carton Dimensions	Quantity per String	Strings per Carton	Quantity per Carton	Carton Net Weight	Carton Gross Weight
LS-RLB-xxK-165-A	15.35 x 15.35 x 12.8 in. (390 x 390 x 325 mm)	81 pieces	11 strings	891 pieces	20.75 lb (9.41 kg)	22.53 lb (10.22 kg)
LS-RLB-xxK-495-A	21.85 x 11.61 x 10.83 in. (555 x 295 x 275 mm)	27 pieces	20 strings	540 pieces	39.39 lb (17.82 kg)	40.83 lb (18.52 kg)
LS-RLB-xxK-990-A	39.76 x 11.61 x 8.27 in. (1010 x 295 x 210 mm)	13 pieces	20 strings	260 pieces	37.83 lb (17.16 kg)	39.62 lb (17.97 kg)

**DIMENSIONS**

6.5 in. / 165 mm (2 LEDs) - LS-RLB-65K-165-A / LS-RLB-50K-165-A



19.5 in. / 495 mm (6 LEDs) - LS-RLB65K-495-A / LS-RLB-50K-495-A



39 in. / 990 mm (12 LEDs) - LS-RLB-65K-990-A / LS-RLB-50K-990-A

