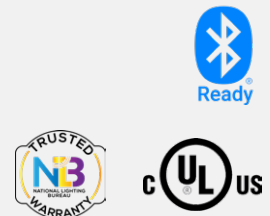| PROJECT NAME		DATE	
CAT. NUMBER			
NOTES			

SPEC SHEET

RAPIDLINK® BAR (RLB)

LINEAR LED LIGHT

Bluetooth Ready®

KEY FEATURES

- 1,600 to 3,200 lumens

- Up to 161 LPW

- Link up to 40 bars

- 180° light distribution

- Easy maintenance

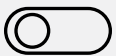- Custom lengths from 1' to 8' (2' & 4' standard)

Quality Construction

Extruded aluminum construction improves thermal transfer, keeping LEDs cool to increase performance and life.

Simple, Rapid Installation

System of bars, cords and mounting clips designed to save time and money. Link up to 40 bars with a single electrical connection.

Controls and Sensors

For use with On/Off sensors and relays only. Basic and networked wireless options available.

ON/OFF

FEATURES & SPECIFICATIONS

CONSTRUCTION

- **Housing:** Extruded aluminum. Plastic end caps.

- **LED Board:** LEDs are populated onto an aluminum core board creating a steady flow of heat into the aluminum bar.

- **Power Supply Access:** Robust and grounded linking power cords.

- **LEDs:** Only high quality LEDs are used to deliver maximum light output and longevity.

ELECTRICAL

- **Power Input:** 120-277V (50/60Hz). Optional 347V.[7]

- **Power Factor:** >0.93 (0.99 typical).

- **Total Harmonic Distortion:** <12%.

- **Male / Female Connections:** Molded into end caps.

- **Linking:** Up to 40 RapidLink Bars (2' and 4' models) can be linked using a single electrical connection. Up to 20 bars for 8' models.[4]

- **Emergency Battery Backup:** Optional. Contact factory.[5]

OPERATION

- **Environment:** Dry/Damp, for interior applications.

- **Ambient Range Operation:** -35°C up to 50°C (-30°F up to 120°F).

OPTICS

- **CCT:** 3500K, 4100K and 5000K standard, other CCT available (extended lead time).

- **CRI:** >80, other CRI available (extended lead time).

- **Lenses:** Frosted polycarbonate lens. 180° beam angle. No glass.

MOUNTING

- **Mounting:** Installation screws are included for integral end-cap or bracket mounting options. Each bar comes with 2 mounting clips.

- **Installation Aid:** Molded end cap with embedded rare earth magnet to assist in the installation process.

CONTROLS[1,3]

- **Basic Controls:** Wall switches, motion sensors and relays. On/Off functionality (no dimming). Contact factory.

- **Networked Lighting Controls:** UltraLink Wireless Controls with Bluetooth® NLC Mesh technology[2]. Requires ULTRARELAY-5A or ULTRARELAY-20A. On/Off functionality (no dimming).

WARRANTY

- **7 Year Warranty:** The fixture is guaranteed for 7 years free of defects in materials and workmanship, including LEDs and driver. "Defective" is considered if ten percent (10%) or more of the LEDs, per product, are non-operating LEDs, or color temperature has shifted more than 500° Kelvin within the warranty period. See terms and conditions at https://linmoreled.com/warranty

LISTINGS & CERTIFICATIONS

- UL 1598

- RoHS

TECHNICAL SPECS

SIZE	LUMEN OUTPUT	EFFICACY	WATTS	PART NUMBER
2'	1,617	147	11	LL-RLB-2B-11W-41K-F-M-G3
4'	1,738	158	11	LL-RLB-4B-11W-41K-F-M-G3
4'	3,476	158	22	LL-RLB-4B-22W-41K-F-M-G3
8'	6,952	158	44	LL-RLB-8B-44W-41K-F-M-G3

Typical lumen output (±10%) at 120V (LV) under 25°C ambient temperature at 4100K.

Lumen Multipliers

Allows to calculate the actual lumen output for your application.

COLOR TEMP	
CCT	Multiplier
5000	1.000
4100	0.990
3500	0.980

ORDERING

SERIES MODEL	LENGTH	WATTAGE	COLOR TEMP	LENS	GENERATION
LL-RLB	**2B** 22"	**11W**	**50K** 5000K	**F** Frosted lens	**M-G3** Gen 3
	4B 44"	**22W**	**41K** 4100K		
	8B 92"	**44W**	**35K** 3500K		
			Other CCT available upon request		

*Includes 25 RLB bars per case.

ORDERING EXAMPLES

Standard: LL-RLB-4B-11W-35K-F-M-G3

ACCESSORIES

POWER

Part Number	Description
LL-RLB-IPC-36	RLB System Incoming Power Cord, 36"
LL-RLB-IPC-48	RLB System Incoming Power Cord, 48"
LL-RLB-IPC-60	RLB System Incoming Power Cord, 60"
LL-RLB-IPC-96	RLB System Incoming Power Cord, 96"

LINKING

LL-RLB-LPC-4	RLB System Linking Power Cord, 4" (3.5" Installed)
LL-RLB-LPC-6	RLB System Linking Power Cord, 6" (5.5" Installed)
LL-RLB-LPC-8	RLB System Linking Power Cord, 8" (7" Installed)
LL-RLB-LPC-12	RLB System Linking Power Cord, 12"
LL-RLB-LPC-18	RLB System Linking Power Cord, 18"
LL-RLB-LPC-24	RLB System Linking Power Cord, 24"
LL-RLB-LPC-36	RLB System Linking Power Cord, 36"
LL-RLB-LPC-48	RLB System Linking Power Cord, 48"
LL-RLB-LBC	RLB System Linking Butt Connector

MOUNTING

LL-RLB-MC1	RLB System Mounting Clip without Magnet. Dimensions: 1.5"Lx5"W.
LL-RLB-MCM	RLB System Mounting Clip with Magnet. Dimensions: 1.5"Lx5"W. Mounting depth up to .25" for each magnet.

BACKUP BATTERY

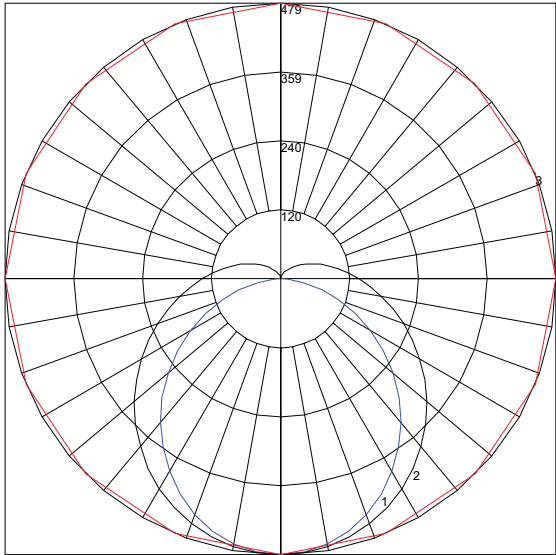|	
LL-BBU-16W-001-HV	16W battery backup. Input 120-277V. Output 170VAC. For use with 11W RLB.
LL-BBU-25W-001-HV	25W battery backup. Input 120-277V. Output 170VAC. For use with 22W RLB.

ULTRALINK WIRELESS CONTROLS

ULTRARELAY-5A	UltraLink Bluetooth NLC Wireless Controller (Node), Bluetooth to 0-10V Converter with 5 Amp Relay, 120-277Vac Input, Silvair Firmware. Field Installed.
ULTRARELAY-20A	UltraLink Bluetooth NLC Wireless Controller (Node), Bluetooth to 0-10V Converter with 20 Amp Relay, 120-277Vac Input, Silvair Firmware. Field Installed.

Channels, channel covers and ballast cover available. Contact factory for more information.

LIGHT DISTRIBUTION
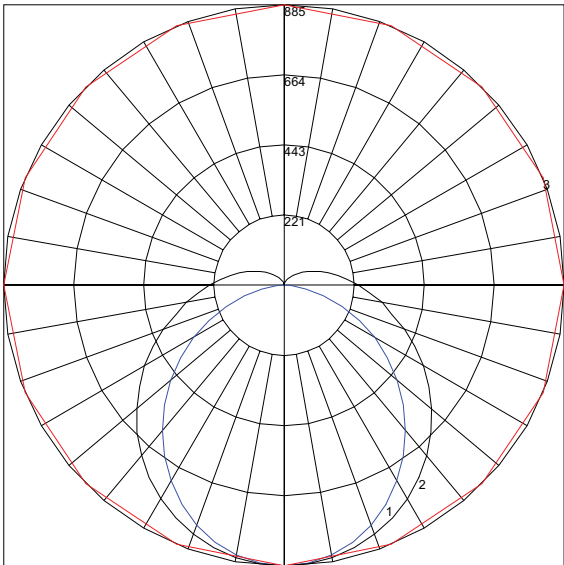
4' 11W LED BAR

LL-RLB-4B-11W-50K-F
Polar Graph

Maximum Candela: 479.12
Located at horizontal angle: 0, Vertical angle : 0
#1: Vertical plane through horizontal angles (0-180)(through max Cd.)
#2: Vertical plane through horizontal angles (90-270)
#3: Horizontal cone through vertical angle (0)(through max Cd.)

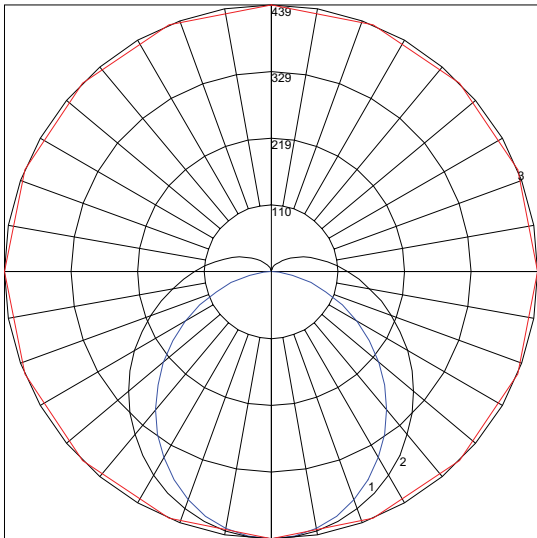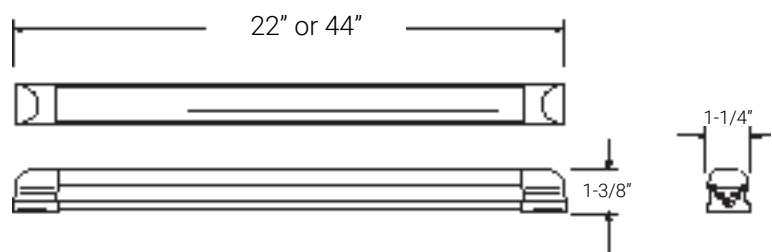## 4' 22W LED BAR

LL-RLB-4B-22W-50K-F
Polar Graph

Maximum Candela: 885.01
Located at horizontal angle: 0, Vertical angle : 0
#1: Vertical plane through horizontal angles (0-180)(through max Cd.)
#2: Vertical plane through horizontal angles (90-270)
#3: Horizontal cone through vertical angle (0)(through max Cd.)

2' 11W LED BAR

LL-RLB-2B-11W-50K-F
Polar Graph

Maximum Candela: 438.53
Located at horizontal angle: 0, Vertical angle : 0
#1: Vertical plane through horizontal angles (0-180)(through max Cd.)
#2: Vertical plane through horizontal angles (90-270)
#3: Horizontal cone through vertical angle (0)(through max Cd.)

Download IES Files

DIMENSIONS & DRAWINGS

22" or 44"

1-1/4"

1-3/8"

DIMENSIONS

Size	Length (in)	Width (in)	Height (in)	Weight (lb)
2	22	1.25	1 3/8	0.5
4	44	1.25	1 3/8	1

FOOTNOTES

1. On/Off only via relay. No dimming.

2. Requires UltraLink switch, sensor or gateway for complete functionality.

3. Electrical changes and additional components required to make fixture compatible.

4. Based on 20-amp circuit at 120V.

5. See ACCESSORIES for correct model number.

6. Made to order. Contact factory for lead time.

7. Not carried in stock in the warehouse. Longer lead time.