Silverblade

12 VDC

ULTRA LOW PROFILE LIGHTBAR SERIES
w/ CAN Controller Module

ECE R65 Class 2 | ECE R10 | CA Title 13 | SAE J845 | SAE J595 Class 1

FEATURES

- **All-Programmable:** All function wires may be customized and re-programmed to user's preference.
- **Wiring at Ease:** Control module that converges all wires to erase difficulties from installation.
- **Intelligent Sensing:** Ambient Light Sensor detects ambient light and automatically activate or deactivate the Low-Power Operation function.
- **Duplicate Smarter:** Tool-less copying with patent-pending S-Flash technology using a USB stick.
- **Single, Dual or Tri Colour:** Choice of any colour combination.
- **Powerful Optics:** New linear continuous optics and nearly un-cut lens produce a 360 degree seamless output that meet and exceed ECE R65, SAE and NFPA approval.
- **Ultra Low Profile:** At only 4 cm (1.69") in height, the Silverblade™ lightbar is one of the thinnest premium lightbars in the market.
- **Tough Outline:** Modern streamline design, with one single solid piece aluminium top plate for a metallic uniform aesthetic.
- **Takedown, Alley Light:** Optional special lighthead that meets your needs.
- **Built-in Traffic Director:** Control your work-site with a flick of the switch.
- **Quality and Durability:** Highest tier premium bar that is built to last and protect your road safety.
- **Advanced Waterproof Design:** With minimalistic join structure and breathable membranes.

SPECIFICATIONS

Compliance: SAE J845 Class 1, SAE J595 Class 1; CA Title 13;
ECE R65 Class 2; ECE R10;
NFPA 1901 ZONE A UPPER
NOTE: *actual approvals may vary; based on actual model ordered.*

Operating Voltage: 12VDC

Lightbar Input / Wire Gadges:

Power Cable (470 cm / 15.4 Feet):
2 x +Vcc Power Wire @12AWG
2 x -GND Power Wire @12AWG
CAN Cable (470 cm / 15.4 Feet):
2 x CAN Comm. @ 22AWG

LIGHTHEAD	Colour		
	Single	Dual	Tri
Corner Lighthead (Basic)	6	12	18
Corner Lighthead (Performance)	9	18	X
Middle Lighthead (Standard)	6	12	18
Middle Lighthead (Short)	3	6	9
Alley Lighthead	3	6	9
Takedown Lighthead	3	X	X

NOTE: Each number indicates the number of LEDs.

COLOUR OPTIONS

LED Colour: Red, Blue, Amber, White or Green (Single, Dual or Tri Colour)
Lens Colour: Clear, Amber, Blue, Red

CURRENT & POWER RATING

CURRENT	@12.8VDC	
	Max. Current (A)	Avg. Current (A)
Corner Lighthead (Performance)	1.90 / each	0.95 / each
Middle Lighthead (Standard) Corner Lighthead (Basic)	1.26 / each	0.63 / each
Middle Lighthead (Short) Alley Lighthead (Warning)	0.63 / each	0.32 / each
Takedown Lighthead	0.67 / each	0.61 / each
Alley Lighthead	0.67 / each	0.61 / each
CAN Controller Module	0.12	0.1

POWER	@12.8VDC	
	Max. Power (W)	Avg. Power (W)
Corner Lighthead (Performance)	24.27 / each	12.13 / each
Middle Lighthead (Standard) Corner Lighthead (Basic)	16.18 / each	8.09 / each
Middle Lighthead (Short) Alley Lighthead (Warning)	8.09 / each	4.04 / each
Takedown Lighthead	8.54 / each	7.76 / each
Alley Lighthead	8.54 / each	7.76 / each
CAN Controller Module	1.44	1.2

NOTE: Please calculate the total current rating and power base on your lightbar configuration.

SUGGESTED FUSE RATING

FUSE RATING	@12.8VDC
Corner Lighthead (Performance)	+2.56A / each
Middle Lighthead (Standard) Corner Lighthead (Basic)	+1.71A / each
Middle Lighthead (Short) Alley Lighthead (Warning)	+0.85A / each
Takedown Lighthead	+0.90A / each
Alley Lighthead	+0.90A / each

NOTE: Please calculate the total fuse rating needed base on your lightbar configuration.

FLASH PATTERN*

FLASH PATTERN CHART			
1	Double [R65]	14	Ultra [SAE]
2	Single [2Hz]	15	Single-Quad
3	Triple [2Hz]	16	Single H/L
4	Quad [2Hz]	17	Single-Triple-Quint
5	Random	18	Steady 40%
6	Steady	19	Single-Single
7	Single [SAE]	20	Double Double
8	Double [SAE]	21	Triple-Triple Fast
9	Triple [SAE]	22	Trple-Triple Mid
10	Quad [SAE]	23	Quint-Triple
11	Quint [SAE]	24	7-1 Flash
12	Mega	25	Quad-Single
13	Giga	26	Quint-Quint

Unit 4 Premus, Brunel Park, Coldharbour Way
Aylesbury, Buckinghamshire HP19 8AP
web: www.cell2.com *email:* sales@cell2.com *tel:* +44(0)2033 285 494

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BAR PATTERN*

BAR PATTERN CHART					
1	Single-Single (Left-Right)	11	Swing I (Left-Right)	21	Pulsing Chaser Fast (Anti-Clockwise)
2	Double-Double (Left-Right)	12	Triple-Blast (Left-Right)	22	Pulsing Scan Fast (Clockwise)
3	Double-Single (Left-Right)	13	Swing II (Left-Right)	23	Pulsing Scan Fast (Anti-Clockwise)
4	Triple-Triple (Left-Right)	14	Swing III (Left-Right)	24	Pulsing Scan (Clockwise)
5	Triple-Single (Left-Right)	15	Triple H/L (Left-Right)	25	Pulsing Scan (Anti-Clockwise)
6	Quad-Quad (Left-Right)	16	Pulsing	26	Pulsing Chaser Fast (Split)
7	Quad-Single (Left-Right)	17	Pulsing Chaser (Clockwise)	27	Pulsing Chaser (Split)
8	Single H/L II (Left-Right)	18	Pulsing Chaser (Anti-Clockwise)	28	Pulsing Scan (Split)
9	Double-Double II (Left-Right)	19	Pulsing Fast	29	Pulsing Scan Fast (Split)
10	Double-Blast (Left-Right)	20	Pulsing Chaser Fast (Clockwise)	30	Pulsing Scan Wig-Wag (Outside-In)

* Setting via a PC only.

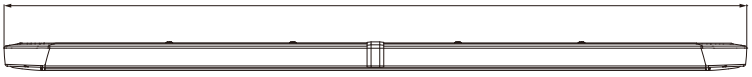
TRAFFIC ARROW PATTERN*

TP#	TRAFFIC ARROW PATTERN
1	Sweep Single
2	Sweep Double
3	Sweep Triple
4	Sweep Single End-Double
5	Solid
6	Solid End-Double
7	Solid Chaser
8	Solid Fade
9	Blink Double
10	Blink Triple
11	Blink Solid

DIMENSIONS

Available Model Length:

▼ 44″



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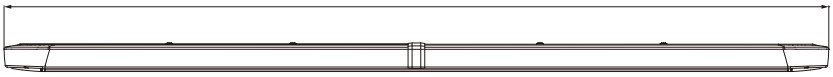
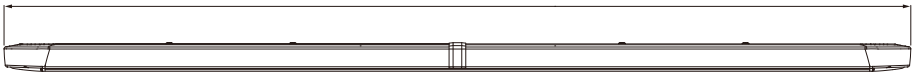


▼ 54″



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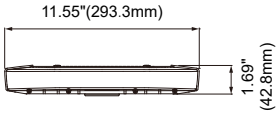
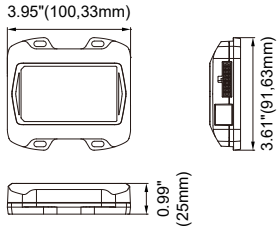


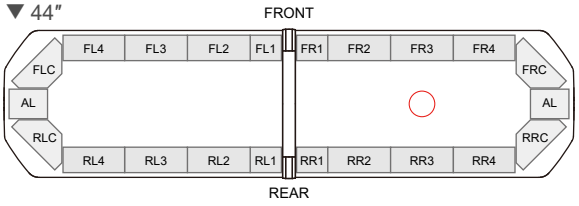
CAN Controller Module :



LAYOUT

Standard Model

▼ 44″



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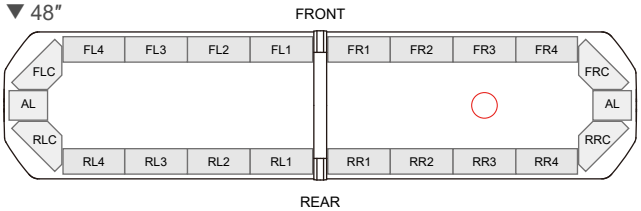

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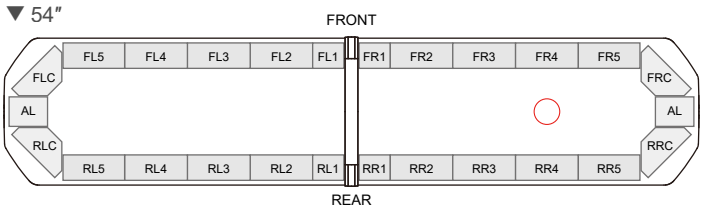
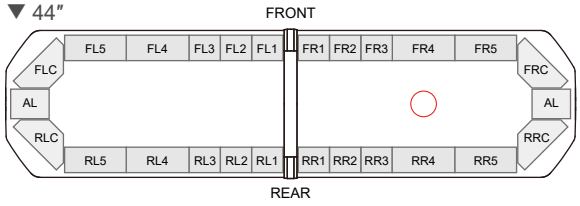


w/ Maximum Lightheads

▼ 44″



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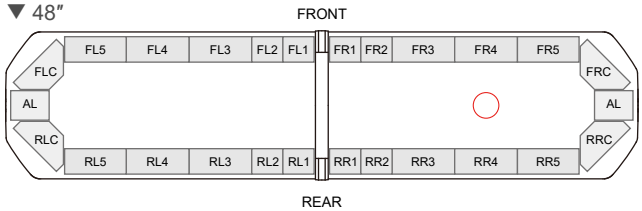

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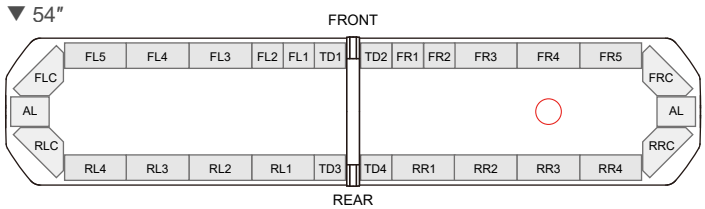

NOTE: Models shown above are default layouts. For customised lighthead configuration, contact your sales representative.

○-Cable-Exit

MOUNTING OPTIONS & ACCESSORY

99-LSBDM00-000
Low Profile Standard Brackets
**** For custom strap kit, contact your sales representative.***

99-LSBDM01-000
Low Profile Narrow Flat Surface Mount Brackets

99-LSBDM02-000
Low Profile Wide Flat Surface Mount Brackets

99-LSBDM03-000
2° Angled Gasket

99-LSBDC00-000
CAN Control Module

Unit 4 Premus, Brunel Park, Coldharbour Way
Aylesbury, Buckinghamshire HP19 8AP
web: www.cell2.com *email:* sales@cell2.com *tel:* +44(0)2033 285 494

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