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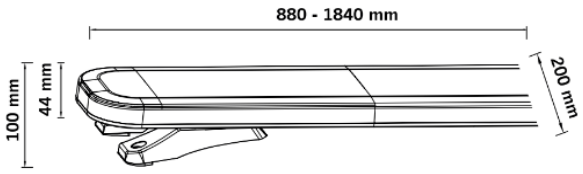
MANUAL
BIG ENEGRY ROOF BAR XL



CC-150.5mm (hole to hole distance for bracket)

850151-850154: 880MM-1840MM ROOF BAR

RED: + VDC (Flash pattern)
BLUE: + Steady on (pattern #28 and #29)
BLACK: - GROUND
YELLOW: Flash pattern selection (Apply Yellow wire to (+) Red wire)
*Less than 1s =For next pattern
*1s-3s =For previous pattern
WHITE: Low intensity, constantly connect to red wire to achieve it.
BROWN (optional cable): Right arrow (Apply to red wire constantly)
GREEN (optional cable): Left arrow (Apply to red wire constantly)
***SLIVER:** Shielding wire, connect to any metal place on vehicle.(PLEASE DO NOT CUT)

(1) When you connect the blue wire to the positive (+) terminal,The roofbar will automatically activate to pattern #28.
*Connect/Touch yellow wire less than 1 second to the blue wire to switch to pattern #29.
*Hold the yellow wire agian to the blue wire for 1 second to return to pattern #28.
*This roof bar has memory function, it remember last used pattern.

(2) When both red and blue wire to positive, Can change flash pattern by yellow apply to red 1s or 1-3s. To switch back to pattern #28 or #29, simply disconnect the red wire.

(3) When all three wires (red, blue, and yellow) connected to positive (+) constantly. This mode uses the standard flashing patterns. The yellow wire cannot be used to change patterns here as it's locked to positive.

Note: Please don't connect yellow wire constatntly to + positive,if so the function will be locked.After setting required Function/ Flash pattern,Once you've chosen your desired function or flash pattern, disconnect the yellow wire for normal operation.

To synchronize a maximum of two Roof light bars, follow these steps:
(1) Set both light bars to the same pattern.
(2) Connect the red or blue wire of two lightbars together(Depending on your connection), and get them to positive power.
(3) Connect the black wire of two lightbars together, and get them to negative power.
(4) Connect the yellow wire of two roof lightbars together. (No need to connect to positive or any power just tie up together constantly)

Flash pattern

#1	Single (ECE R65)	121FPM	#11	Cycle		#21	CW - CCW Constant flash
#2	Double (ECE R65)	120FPM	#12	Triple (ECE R65)	120FPM	#22	Left arrowstick
#3	Quad (ECE R65)	120FPM	#13	Triple half to half (ECE R65)	120FPM	#23	Right arrowstick
#4	Octa	80FPM	#14	One - One Single		#24	Middle to side arrowstick
#5	Single half to half (ECE R65)	121FPM	#15	One - One Octa		#25	Arrowstick combination
#6	Double half to half (ECE R65)	120FPM	#16	Center - out single flash		#26	Left Steady - Right Single
#7	Quad half to half (ECE R65)	120FPM	#17	CW Rotation		#27	Right Steady - Left Single
#8	Octa half to half	80FPM	#18	CCW Rotation		#28	Steady on
#9	Single - Slow (ICAO)	75FPM	#19	CW Constant flash		#29	Two ends steady on
#10	Breath flash		#20	CCW Constant flash			

Part no: 850151,850152,850153,850154

Contact us if you need support: support@strands.se or +46(0)320-450450

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READ THIS BEFORE INSTALLATION
READ ALL INSTRUCTIONS AND STUDY DIAGRAMS BEFORE INSTALLING YOUR NEW LIGHTS!

LEGAL MOUNTING

Check with state or local authorities for laws governing usage and proper mounting of your new lights.

TAKE CARE OF YOUR PRODUCT

Keep the product clean. Dirt on the lens and heat-sink may shorten the products lifetime. Top cover of the roof bar can clean with normal water and cloth, Do not use any sharp material to rub on it.
Follow the degreasing instructions carefully and rinse off gently with cold or lukewarm water on low pressure.

WARNING!
Strong chemicals should not be used on the product. If you accidently get strong chemicals on the product, rinse off immediately, use plenty of water so that no chemicals remain in any joint.
Some chemicals have a small amount of solvent in them, this can dissolve sealing adhesives and compromise the product's waterproofness.
Some chemicals pull out liquid from plastic and rubber-based components, which makes the plastic or rubber brittle and bursts more easily.
Be careful not to use high water pressure close up on the product.
If you use high water pressure at short distances, most products find it difficult to close out the water.

INSTALLATION
If there is a contact/connector on the product, it should not be cutted. If the connector is cut, the warranty is not valid.

If the product has loose cable and no connector. If the cable is shorter than 50 cm, the cable must not be cutted. If the cable is cut, the warranty is not valid.
If the cable is longer than 50 cm, it is ok to shorten the cable, but not shorter than 50 cm.
If the cable is cut shorter than 50 cm, the warranty is not valid.

Tighten screws and bolts so that they do not loosen or chafe.
Do not tighten screws so hard that the protective bearings on the product breaks.

WARNING!
Do not use higher volts than the product description states.
This light becomes hot under continuous use. Don´t remove or touch the casing for at least 30 minutes after turning the lamp off.

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