744mm 72W Amber LED Warning Lightbar

Model: LB744ACM (LED Autolamps) | ECE R65 and ECE R10 Approved, SAE J845 Class 1 Compliant

SPECIFICATIONS

LED configuration	72 x 1W LEDs with TIR optics, amber output
Lens	Clear polycarbonate
Light output	5750 lumen raw / 4320 lumen effective, 360 degree omnidirectional
Voltage range	Multivolt 10-30V DC (12V and 24V vehicle systems)
Current draw	4.5A @ 13.8V DC, 2.3A @ 28V DC
LED lifespan	30,000 hours
Ingress protection	IP65
Operating temperature	-40°C to +60°C
Build	ABS base, aluminium thermal management, stainless steel fittings
Mounting	Four-point mounting bracket kit supplied (M8 bolts and coach bolts with mounting pads); optional - the bar also mounts directly to roof bars
Cable	50cm three-core with flash pattern select wire
Dimensions	743mm x 271mm x 45mm (99mm high with mounting brackets fitted)
Certifications	ECE R65 and ECE R10 approved; SAE J845 Class 1 compliant (patterns 1 and 4)
Warranty	LED Autolamps manufacturer warranty, 5 years (full terms on the product page)

WIRING AND OPERATION

Installation should be carried out by a competent installer. Connect to a separate, fused power circuit.

Red wire	Positive supply (+V DC) via an in-line fuse and cab switch.
Black wire	Chassis ground.
Yellow wire	Flash pattern selection. Touch to the red positive: 0.3 seconds = next pattern; 4 seconds = return to default pattern 1.
Synchronisation	Select the same pattern on all bars, then join the yellow wires. The LB744ACM synchronises on patterns 1 to 12.

FLASH PATTERNS

1	Single Flash, 150 FPM (R65, J845 Class 1)
2	Slow Single Flash, 70 FPM
3	Double Flash, 154 FPM
4	Quad Flash, 86 FPM (R65, J845 Class 1)
5	Strobe Flash, 1013 FPM
6	Slow Alternating Flash, 30 FPM
7	Alternate Single Flash, 70 FPM
8	Alternate Flash, 217 FPM
9	Alternate Double Flash, 150 FPM
10	Slow Alternating Double Flash, 107 FPM
11	Fast Alternating Double Flash, 90 FPM
12	Alternate Quad Flash, 70 FPM
13	Left to Right Running, 223 FPM
14	Right to Left Running, 223 FPM
15	Running from Middle to Sides, 200 FPM
16	Running from Sides to Middle, 200 FPM
17	Combi: Left to Right / Right to Left
18	Combi: 3x Single / 3x Alternate Quad
19	Combi: Single / Side to Middle

DEPLOYMENT NOTES

Fitted as a full-size fixed roof bar on traffic control utes, trucks and fleet vehicles across roadworks, civil, utility and council operations. UAGS generally mounts this bar directly to roof bars during vehicle fit-outs. Vehicle lighting requirements may vary by vehicle type, registration category, jurisdiction and intended use.