12W Ultra-Slim LED Warning Light Head

U30-12A | Amber | 119 x 28 x 7.5mm | 19 Flash Patterns



Ultra-slim LED warning light head for positions needing maximum output on work vehicles, in amber. Twelve 1W LEDs behind a TIR lens run from a housing just 7.5mm deep, the strongest output in the U30 Ultra-Slim family, mounting where a standard light head will not fit. Surface mounts via screw fixing or the included 3M adhesive pad, suited to grilles, headboards, tray sides and rear bodies.

SKU: U30-12A **Certifications:** ECE R65 Class 1, ECE R10

12 x 1W	7.5mm	10-30V DC	IP67
LED CONFIGURATION	ULTRA-SLIM PROFILE	VOLTAGE RANGE	INGRESS PROTECTION

SPECIFICATIONS

Model	U30-12A
LED Configuration	12 x 1W LEDs
Lens	TIR
Flash Patterns	19 patterns across 7 categories – see Flash Patterns table below
Flash Rate	1 to 4Hz
Synchronisation	Up to 6 units
Dimming	Yes, wire-triggered
Voltage	10 to 30V DC
Current Draw	1.8A at 12.8V DC, fused at 2A
Mounting	Surface mount, screw fixing; 3M adhesive mounting pad included
Ingress Protection	IP67, -20 to +65 degrees C operating range
Dimensions	119 x 28 x 7.5mm
Approvals	ECE R65 Class 1, ECE R10
LED Colour	Amber
Warranty	UAGS Warning Light Warranty - 3-Year Limited Coverage

FLASH PATTERNS (19 TOTAL)

Single Flash 75 FPM	PA1-PA3	**Single Flash 120 FPM**	PA10-PA12
Double Flash 75 FPM	PA4-PA6	**Double Flash 120 FPM**	PA13-PA15
Quad Flash 75 FPM	PA7-PA9	**Quad Flash 150 FPM**	PA16-PA18
Steady Burn	PA19		

Each flash category (except Steady Burn) runs in two synchronisation phases plus an alternating variant. Stepped through in order via the pattern-select wire.

WIRING AND OPERATION

Installation by a competent installer. Hard-wired 4-wire connection; up to six U30 heads link via the blue wire for synchronised pattern flashing.

Red wire	Positive supply (+10-30V DC), fused at 2A.
Black wire	Chassis / ground.
Blue wire	Pattern select: momentary touch to negative (vehicle ground) selects the next pattern. Sync: link blue wires of up to 6 units, set all to phase 1 or 2. Hold to negative over 5 sec. to turn off.
White wire	Dimming: connect to negative (vehicle ground) to reduce output, typically wired via a switch so the operator can toggle it for night or low-light conditions.

DEPLOYMENT

Fits positions needing the strongest output in the U30 range, from a housing still too slim for a standard light head to fit, such as bull bar channels, body lines and tight recesses. Screw fix through the mounting points or use the included 3M adhesive pad for a quick no-drill install. Runs on 10-30V DC so the same part covers 12V utes and 24V trucks. Use the shorter U30 6W head (amber or white) for corner and grille positions needing less output, or see the U31 180-degree and U32 dual colour heads in the wider UAGS surface mount range. Vehicle lighting requirements may vary by vehicle type, registration category and jurisdiction.

ORDERING	Available from UAGS (SKU U30-12A – Amber); current pricing at uags.com.au. Trade accounts and bulk pricing available on request: (03) 8750 0926 or sales@uags.com.au.

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