




# LIGHTBARS



## 12+ Series R65 LED Lightbar

The New 12+ series LED lightbars are versatile and powerful warning devices suitable for a wide range of vehicle types and duties. Now available in eight length options with a sleek low-profile styling, durable aluminium chassis, polycarbonate base and lens. New features include 457mm centre section combined with a 305mm end section allowing for configurations in shorter lengths for more versatility on smaller vehicles. 457mm LED centre illumination with opal lens section allows for customised signage to personalise and distinguish your lightbar. A choice of clear & amber lenses increases the customisation options even further. The 12+ series LED lightbars supports three kinds of LED modules including: single and dual colour warning, stop-tail-indicator, and alley/worklight. Custom configurations are available on request.

### Features & Benefits

- Exceptional EMC performance, Industry leading CISPR 25 (Radiated + Conducted Emissions)
- Optional Integrated Safety Director™ (must be configured)
- Colour options: 
- LED modules: single and dual colour warning, stop-tail-indicator, and alley/worklight
- Standard configurations with worklamps, alley lights, stop-tail-indicator are available
- ICE optic warning modules offer brighter appearance for better visibility
- Configurations available for applications where ICAO is a requirement
- 8 length options - 610mm, 760mm, 910mm, 1070mm, 1212mm, 1372mm, 1524mm, 1828mm
- Shorter lengths - 305mm end section and 457mm centre sections
- Coloured lenses - Amber, Blue & Clear
- LED centre illumination available in 457mm
- R65 Class I for Amber configurations with Amber & Clear lenses
- R65 Class II available on request and must be ordered with an Advanced Controller
- Aluminium chassis, polycarbonate base and lens
- Temperature Range: -30°C to +50°C
- Height: 63.5mm, width: 279.5mm
- Voltage: 12-24VDC
- Custom configurations are available on request

Please note that some product packaging may vary.

To view the 12+ series LED lightbar video, visit [YouTube.com](https://www.youtube.com) - ECCO Safety Group EMEA

### Controller

Advanced Controller required for configurations with Safety Director functions and R65 Class II **EZ1202**



### New Features

#### Centre Illumination



#### Coloured Lenses



#### Shorter Configurations



### Standard Configurations

PART NO.	LENGTH	COLOUR	LENS COLOUR	CENTRE ILLUMINATION	VOLTAGE	AMPS	LEDS
12-30174-E	610mm	Amber	Clear	-	12-24	7.2	12
12-30178-E	610mm	Amber	Amber	-	12-24	7.2	12
12-30175-E	760mm	Amber	Clear	-	12-24	6.0	10
12-30179-E	760mm	Amber	Amber	-	12-24	6.0	10
12-30176-E	910mm	Amber	Clear	-	12-24	7.2	12
12-30180-E	910mm	Amber	Amber	-	12-24	7.2	12
12-30177-E	1070mm	Amber	Clear	-	12-24	7.2	12
12-30181-E	1070mm	Amber	Amber	-	12-24	7.2	12
12-30186-E	1070mm	Amber	Clear	✓	12-24	7.4	12
12-30187-E	1070mm	Amber	Amber	✓	12-24	7.4	12
12-30009-E	1212mm	Amber	Clear	-	12-24	9.6	16
12-30190-E	1212mm	Amber	Amber	-	12-24	9.6	16
12-30010-E	1372mm	Amber	Clear	-	12-24	9.6	16
12-30191-E	1372mm	Amber	Amber	-	12-24	9.6	16
12-30011-E	1524mm	Amber	Clear	-	12-24	9.6	16
12-30192-E	1524mm	Amber	Amber	-	12-24	9.6	16
12-30016-E	1828mm	Amber	Clear	-	12-24	9.6	16

### Safety Director Configurations

PART NO.	LENGTH	COLOUR	LENS COLOUR	SAFETY DIRECTOR	VOLTAGE	AMPS	LEDS
12-30018-E	1212mm	Amber	Clear	✓	12-24	12.0	20
12-30002-E	1372mm	Amber	Clear	✓	12-24	12.0	20
12-30004-E	1524mm	Amber	Clear	✓	12-24	12.0	20

### Dual Colour Configurations

PART NO.	LENGTH	COLOUR	LENS COLOUR	DUAL COLOUR	VOLTAGE	AMPS	LEDS
12-30017-E	1212mm	Amber/Blue	Clear	✓	12-24	7.2	12
12-30001-E	1372mm	Amber/Blue	Clear	✓	12-24	7.2	12
12-30003-E	1524mm	Amber/Blue	Clear	✓	12-24	7.2	12

### Flash Patterns

Please note that all lightbar configurations are automatically programmed to R65 flash patterns.

#	FLASH PATTERN	FPM	#	FLASH PATTERN	FPM	#	FLASH PATTERN	FPM
1	Steady Burn	N/A	17	Single Alternate Centre Pulse	120	33	Wave Rotate	N/A
2	Double Flash	75	18	Double Alternate Centre Pulse	120	34	Quad Alternate Front	150
3	Slow Quad	65	19	Triple Alternate Centre Pulse	120	35	Quad Alternate Front Centre Pulse	150
4	Slow Double	65	20	Quad Alternate Centre Pulse	120	36	Quad Alternate Rear	150
5	Quint Hold	75	21	Burst Alternate Centre Pulse	120	37	Quad Alternate Rear Centre Pulse	150
6	Pulse8	75	22	Quad Alternate	150	38	Double Alternate Front	150
7	R65 Single Flash	123	23	Quad Alternate Centre Pulse	150	39	Double Alternate Front Centre Pulse	150
8	R65 Double Flash	123	24	Quad Cross Alternate	150	40	Double Alternate Rear	150
9	R65 Triple Flash	123	25	Double Alternate	150	41	Double Alternate Rear Centre Pulse	150
10	R65 Quad Flash	123	26	Double Alternate Centre Pulse	150	42	Quint Hold Alternate Front	150
11	R65 Burst	123	27	Double Cross Alternate	150	43	Quint Hold Alternate Front Centre Pulse	150
12	R65 Single Flash Alternate	123	28	Quint Hold Alternate	150	44	Quint Hold Alternate Rear	150
13	R65 Double Flash Alternate	123	29	Quint Hold Alternate Centre Pulse	150	45	Quint Hold Alternate Rear Centre Pulse	150
14	R65 Triple Flash Alternate	123	30	Quint Hold Cross Alternate	N/A	46	Quint Alternate Middle	75
15	R65 Quad Flash Alternate	123	31	Fast Rotate	N/A	47	Quint Alternate Middle Centre Pulse	75
16	R65 Burst Flash Alternate	123	32	Rotate Quad	N/A	48	Random	N/A