

R65 APPROVED SOLUTIONS

SOLUTIONS AVEC HOMOLOGATION R65

LÖSUNGEN MIT R65 ZULASSUNG

WHAT IS R65?

QU'EST-CE QUE L' HOMOLOGATION R65? WAS IST R65?



UN ECE Regulation 65 (R65) is the uniform provisions concerning the approval of special warning lamps for power-driven vehicles and their trailers. The European Directive UN ECE Regulation 65 is set by the United Nations Commission for Europe (UN ECE) has been in force since the 1st March 2009. This directive defines the requirements for optical and acoustic signals for new vehicles and trailers. The UN ECE Regulation 65 covers labelling, light output (intensity and dispersion), flash rate and colour for beacons, minibars, lightbars and directional lights.

L'homologation R65 est la prescriptions uniformes relatives à l'homologation des feux spéciaux d'avertissement pour véhicules à moteur et leurs remorques. La directive Européenne des Nations Unies R65 est entrée en vigueur le 1er mars 2009. L'homologation R65 définit l'étiquette, l'intensité et la dispersion du feu, la couleur des gyrophares, des rampes compactes, des rampes lumineuses et des feux de pénétration.

Die UN/ECE Richtlinie 65 (R65) beschreibt die einheitlichen Vorschriften bezüglich der Zulassung von speziellen Warnleuchten für Kraftfahrzeuge und deren Anhänger. Die europäische Richtlinie UN/ECE R65 wurde von der United Nations Economic Commission for Europe (UNECE, deutsch: Wirtschaftskommission für Europa der Vereinten Nationen) erarbeitet und ist seit 1. März 2009 in Kraft. Diese Richtlinie definiert die Voraussetzungen für optische und akustische Warnsysteme für Kraftfahrzeuge und Anhänger. Die UN/ECE Richtlinie 65 beinhaltet Kennzeichnung, Lichtwerte (Intensität und Verteilung), Blitzrate und Farbe für Rundumleuchten, Minibalken, Leuchtbalken und gerichtete Warnleuchten.

Light output:

Each light is tested for light intensity and light dispersion to meet set conditions for Class I or Class II (night and day intensity levels) for its colour range and product category.

Main elements of UN ECE Regulation 65 approval:

1. Colour test
2. Flash rate / frequency
3. Category (T, X, HT)
4. Intensity of light
5. On and off time of flash
6. Water ingress
7. Conformity of production

Product Categories:

Special warning lamp is a lamp emitting blue, amber or red light intermittently for use on vehicle.

Rotating/stationary flashing lamp is a special warning lamp emitting light intermittently around the vertical axis (Category T).

Directional flashing lamp is a special warning lamp emitting light intermittently in a limited angular area (Category X).

Complete bar is a special warning lamp with two or more optical systems emitting light intermittently all around the vertical axis.

Vehicle Categories:

The European regulation applies to the following vehicle categories:

1. Vehicles that have at least four wheels and are used for transporting people (Cat. M1, M2, M3)
2. Vehicles that have at least four wheels and are used for transporting goods (Cat. N1, N2, N3)
3. Trailers (Cat. 01, 02, 03, 04)
4. Agricultural and forestry tractors (Cat. T)
5. Off-road mobile machinery (Cat. G)

DIRECTIONALS

FEUX DE PÉ NÉTRATION

GERICHTETE WARNLEUCHTEN

R65

ED5100

R65 LED
Solid or Split Colour



- C** Choose Illumination
 - V** 10-30
 - A** 1.2
 - F** 7
 - Surface / Bracket
 - R65, R10, IP67
 - 3 Years
- Dimensions: 33x171x75mm

AVAILABLE COLOURS



ED5050

R65 LED
Solid or Split Colour



- C** Choose Illumination
 - V** 10-30
 - A** 0.9
 - F** 10 / 12
 - Grille
 - R65, R10, IP67
 - 5 Years
- Dimensions: 25x136x15mm

AVAILABLE COLOURS



ED3777

R65 LED
Solid or Split Colour



- C** Choose Illumination
 - V** 12-24
 - A** 1.2
 - F** 13
 - Multi
 - R65, R10, IP67
 - 3 Years
- Dimensions: 32x131x37mm

AVAILABLE COLOURS



ED3701

R65 LED
Solid or Split Colour



- C** Choose Illumination
 - V** 12-24
 - A** 0.8
 - F** 13
 - Surface
 - R65, R10, IP67
 - 3 Years
- Dimensions: 31x120x13mm

AVAILABLE COLOURS



ED3702

R65 LED
Split Colour



- C** Choose Illumination
 - V** 12-24
 - A** 0.7
 - F** 12
 - Surface
 - R65, R10, IP67
 - 3 Years
- Dimensions: 31x120x13mm

AVAILABLE COLOURS



3812

R65 LED
Solid Colour



- C** Choose Illumination
 - V** 12-24
 - A** 0.7
 - F** 7
 - Surface
 - R65, R10, IP67
 - 3 Years
- Dimensions: 53x151x30mm

AVAILABLE COLOURS



Visit www.eccoesg.co.uk for more information

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BEACONS

GYROPHARES

RUNDUMLEUCHTEN

R65

EB7181A/EB7181CA

R65 LED Class I

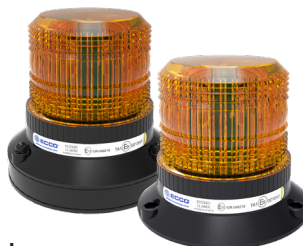


- C** Amber
- V** 12-24
- A** 6.2
- F** 125 FPM
- X** 4 Bolt
- ✓** R65, R10, IP55
- ⌚** 3 Years

Dimensions: 58x165x165mm

ED5001A/EB5004A

R65 LED



- C** Amber
- V** 12-24
- A** 2.2
- F** 125 FPM
- X** 2 Bolt / Magnetic
- ✓** R65, R10, CISPR 25
- ⌚** 5 Years

Dimensions: 145x400x210mm

V11050/V11054

R65 LED



- C** Amber
- V** 12-24
- A** 3.0
- F** 125 FPM
- X** 3 Bolt / Magnetic
- ✓** R65, R10
- ⌚** 3 Years

Dimensions: 56x251x170mm

B200.00.LDV/B200.54.LDV

R65 LED



- C** Amber
- V** 10-30
- A** 2.7
- F** 125 FPM
- X** 3 Bolt
- ✓** R65, R10
- ⌚** 5 Years

Dimensions: 201x154x154mm

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MINIBARS

RAMPES COMPACTES

MINIBALKEN

R65

5565A/5565CA

R65 LED, Reflex™



- C** Amber
- V** 12-24
- A** 2.7
- F** 125 FPM
- X** 1 Bolt / 2 Bolt / Magnetic
- ✓** R65, R10, IP65
- ⌚** 3 Years

Dimensions: 63x381x229

5550A/5550CA

R65 LED, Reflex™



- C** Amber
- V** 12-24
- A** 2.7
- F** 120 FPM
- X** Permanent / Magnetic
- ✓** R65, R10, IP65
- ⌚** 3 Years

Dimensions: 56x278x194mm

A461.00.LDV/A464.00.LDV

R65 LED



- C** Amber
- V** 10-30
- A** 2.5
- F** 120 FPM
- X** 1 Bolt / Magnetic
- ✓** R65, R10
- ⌚** 5 Years

Dimensions: 145x400x210mm

WHY ECCO?

- Full "Safety Solution" provider
- Designed to perform
- Engineered to last
- Lab tested, job proven
- Tested to "The ECCO Standard"
- Warranty that is second to none
- Full technical support
- Specialist expertise
- UK leading manufacturer



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LIGHTBARS

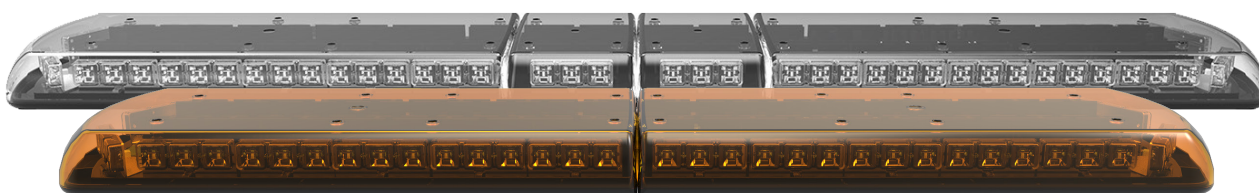
RAMPES LUMINEUSES

LEUCHTBALKEN

R65

12+ Series

R65 LED Class I & II, Vantage™



The 12+ Series Vantage™ LED Lightbar has evolved to meet the needs of the market and has been engineered from the ground up to offer excellent value in terms of cost, performance, durability, style and, of course, easy installation and use.

Les rampes lumineuses Série 12+ Vantage™ LED évoluent afin de répondre encore mieux aux attentes de nos clients. Elles ont été repensées intégralement : design unique, spécifique et moderne, utilisation simple et efficace; plus grande performance ; excellent rapport qualité-prix.

Die LED Warnbalken-Serie 12+ Vantage™ wurde gemäß den Wünschen und Anforderungen des Marktes entwickelt und setzt neue Standards in Preis-/Leistungsverhältnis, Design, Langlebigkeit und einfacher Installation.

- ECCO's Number 1 selling Lightbar Meilleure vente rampe lumineuse d'ECCO, ECCO's meistverkaufter Warnbalken
- Market leading EMC performance Leader mondial de performance Compatibilité Electro Magnétique, Herausragende EMV Performance
- Unique, reliable & affordable Fiabilité, style, excellent rapport qualité-prix, Einzigartig, zuverlässig, erschwinglich
- Conforms to CISPR25 Modèles conformes à la réglementation CISPR25, Entspricht CISPR25
- Integrated safety director Rampe à défilement intégré, Integrierte Heckwarnanlage
- CAN connectivity available Connectivité CAN, Optional CAN-Verbindungsanschluss
- Bespoke configurations available Configuration spécifique sur demande, Kundenspezifische Konfigurationen
- ICAO regulation configurations available Modèles conformes à la réglementation ICAO, Konfigurationen gem. ICAO

V 12-24

L 1212 / 1372 / 1524 / 1828mm

F 10

T ICE optics, Stop-Tail-Indicator, Worklights, Alley lights

✓ R65 Class I & II, R10

🕒 5 Years

Dimensions: 64mm H x 279mm W

AVAILABLE COLOURS



Video available on our website and YouTube

You Tube

12+ Series brochure available



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LIGHTBARS

RAMPES LUMINEUSES LEUCHTBALKEN

R65

13 Series

R65 LED Class I



- V** 12-24
- L** 770 / 1000 / 1250 / 1500mm
- F** 10
- ✓ R65 Class I, R10
- 🕒 5 Years

Dimensions: 85mm H x 200mm W

AVAILABLE COLOURS



- Easy Install

Installation facile, Einfache Installation

- Cost effective solution

Gage de performance et d'économie Sehr gutes Preis-/Leistungsverhältnis

- Market recognised design

Conception reconnue sur le marché, Vielbeachtetes Design

13 Series
brochure
available



21 Series

R65 LED Class I



- V** 12 / 24
- L** 560 / 910 / 1100 / 1200 / 1320 / 1470 / 11750 / 2030 / 2460mm
- F** 19 flash patterns (independent flashing), 31 flash patterns (centrally controlled)
- ✓ R65, R10
- 🕒 5 Years

Dimensions: 53mm H x 312mm W

AVAILABLE COLOURS



- Ultra low profile

Design ultra plat, Ultraflach

- Number 1 choice for Recovery

Choix numéro 1 pour les véhicules de dépannage,
Erste Wahl im Berge-/Abschleppbereich

- Bespoke configurations available

Configuration spécifique sur demande, Kundenspezifische Konfigurationen

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