

MONTAGEANLEITUNG

KL 7000 FLASHING

INSTALLATION INSTRUCTION

KL 7000 FLASHING

INSTRUCTIONS DE MONTAGE

KL 7000 FLASHING

MONTERINGSANVISNING

KL 7000 FLASHING

MONTAGEHANDLEIDING

KL 7000 FLASHING

INSTRUCCIONES DE MONTAJE

KL 7000 FLASHING

ISTRUZIONI DI MONTAGGIO

KL 7000 FLASHING

ASENNUSOHJE

KL 7000 FLASHING

DE Technische Änderungen vorbehalten

EN Subject to alteration without notice

FR Sous réserve de modifications techniques

SV Vi reserverar oss för tekniska ändringar

NL Technische wijzigingen voorbehouden

ES Reservadas modificaciones técnicas

IT Con riserva di modifiche tecniche

FI Oikeus teknisiin muutoksiin pidätetään

Zeichenerklärung
Explanation symbols
Explication des symboles

Symbolförklaring
Legenda
Aclaración de símbolos

Legenda
Piirroksen selitys



- (DE) Richtig
 (EN) Correct
 (FR) Correct
 (SV) Rätt
 (NL) Goed
 (ES) Correcto
 (IT) Giusto
 (FI) Oikein



- (DE) Falsch
 (EN) Incorrect
 (FR) Incorrect
 (SV) Fel
 (NL) Fout
 (ES) Erróneo
 (IT) Sbagliato
 (FI) Väärin



- (DE) Positionspfeil
 (EN) Location/Position Arrow
 (FR) Flèche de Position
 (SV) Positionpil
 (NL) Lokatie/Positie pijl
 (ES) Flecha de posición
 (IT) Freccia di posizione
 (FI) Paikannusnuoli



- (DE) Bewegungspfeil
 (EN) Movement Arrow
 (FR) Flèche indiquant sens du mouvement
 (SV) Rörelsepil
 (NL) Richtingspijl
 (ES) Flecha de movimiento
 (IT) Freccia di movimento
 (FI) Liikesuuntanuoli



- (DE) Achtung
 (EN) Warning
 (FR) Attention
 (SV) Varning
 (NL) Let op
 (ES) Atención
 (IT) Attenzione
 (FI) Huomio



- (DE) Abklemmen
 (EN) Disconnect
 (FR) Déconnecter
 (SV) Koppla los
 (NL) Demonteren
 (ES) Desconectar
 (IT) Staccare
 (FI) Irrota



- (DE) Verbinden
 (EN) Connect
 (FR) Connecter
 (SV) Anslut
 (NL) In elkaar
 (ES) Conectar
 (IT) Collegare
 (FI) Yhdistä



- (DE) Siehe
 (EN) Look/See
 (FR) Voir
 (SV) Se
 (NL) Kijken naar
 (ES) Ver
 (IT) Vedere
 (FI) Katso

**Lieferumfang
Kit Includes
Fourniture**

**Leveransomfattning
Inhoud Set
Volumen del Suministro**

**Dotazione di Fornitura
Osaluettelo**

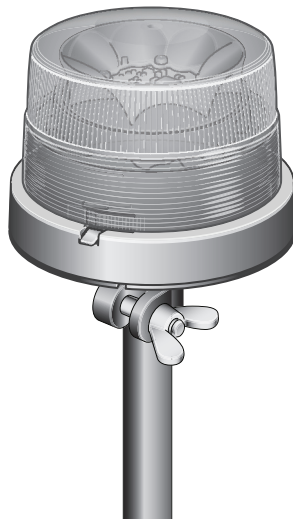


2XD 012 972-011

gelb
yellow
jaune
gul
geel
amarillo
giallo
keltainen

2XD 012 972-111

blau
blue
bleu
blå
blauw
azul
blu
sininen



**Lieferumfang
Kit Includes
Fourniture**

**Leveransomfattning
Inhoud Set
Volumen del Suministro**

**Dotazione di Fornitura
Osaluettelo**

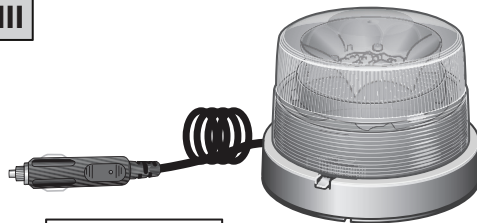


2XD 012 972-001

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jaune
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amarillo
giallo
keltainen

2XD 012 972-101

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azul
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sininen



2XD 012 972-021

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amarillo
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keltainen

2XD 012 972-121

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bleu
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azul
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Zubehör
Accessories
Accessories

Tillbehör
Toebehoren
Accessorios

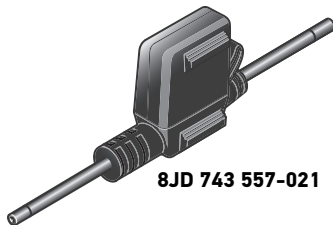
Accessori
Lisätarvikkeet



7,5A 8JS 711 685-821
10A 8JS 711 686-821



8KW 732 580-003



8JD 743 557-021



9EL 190 025-001

gelb
yellow
jaune
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amarillo
giallo
keltainen

9EL 190 025-011

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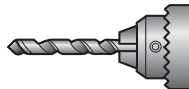
9EL 190 025-021

rot
red
rouge
röd
rood
rojo
rosso
punainen

Benötigte Montagewerkzeuge
Installation tools required
Outillage de montage requis

Nödvändiga monteringsverktyg
Benodigde montagewerktuigen
Herramientas de montaje necesarias

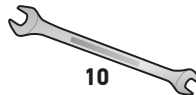
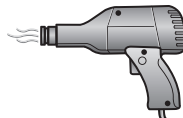
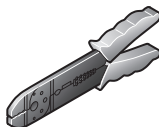
Attrezzi necessari per il montaggio
Tarvittavat asennustyökalut



Ø 5 mm
Ø 6,5 mm



CLEANER

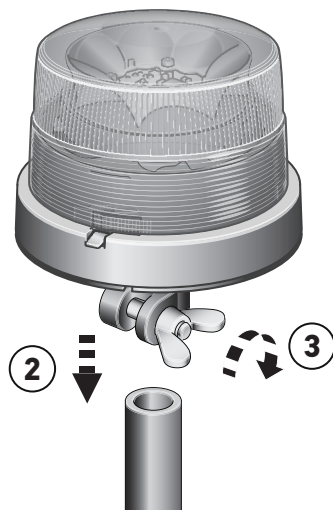
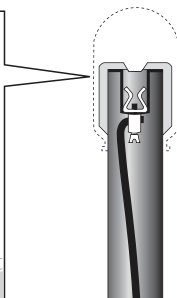
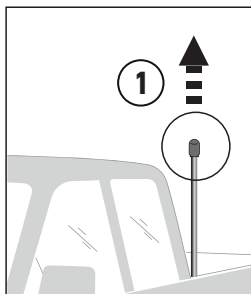
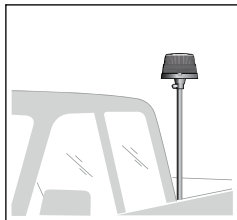


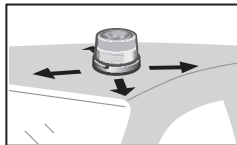
10

Montage
Mounting
Montage Général

Montering
Montage
Montaje

Montaggio
Asennus





(-)
blau
blue
bleu
blå
blauw
azul
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sininen



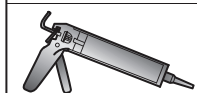
4x



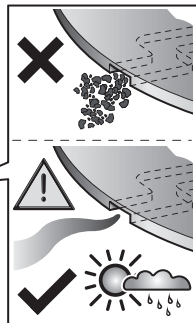
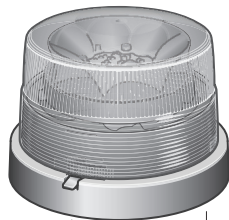
Ø 5 mm



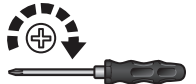
(+)
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red
rouge
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rojo
rosso
punainen

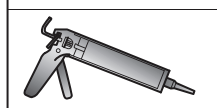
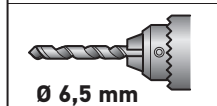
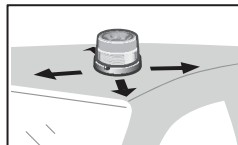


3 x PT Ø 4,2 mm



max 1,5 Nm





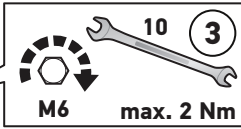
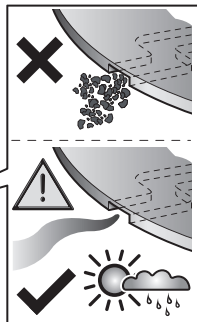
(-) blau
blue
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azul
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sininen

(+) rot
red
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röd
rood
rojo
rosso
punainen

1

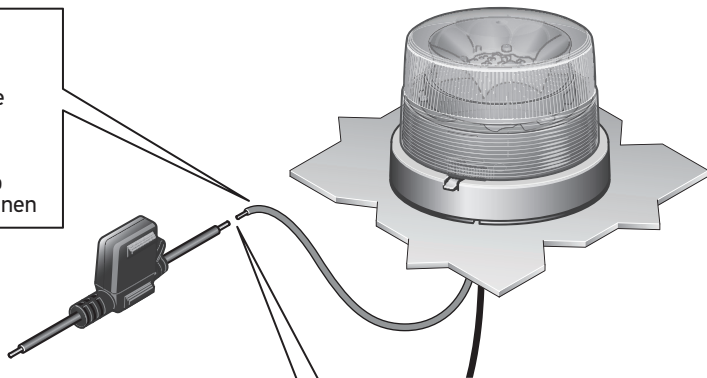
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3

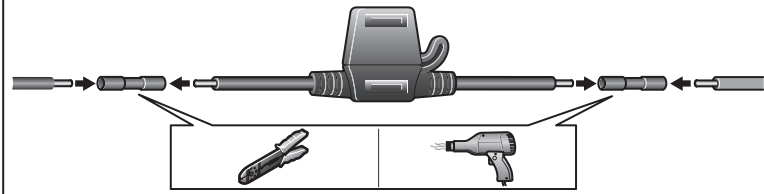


II

(+)
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röd
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rosso
punainen



10mm

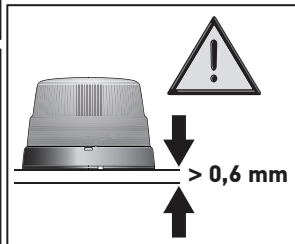
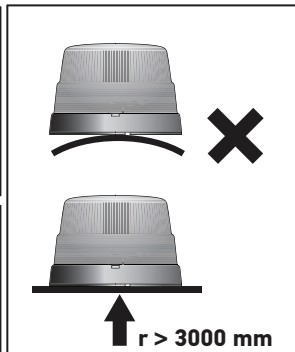
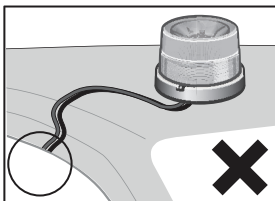
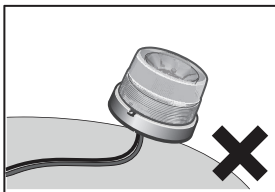
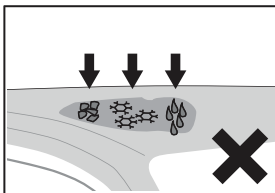
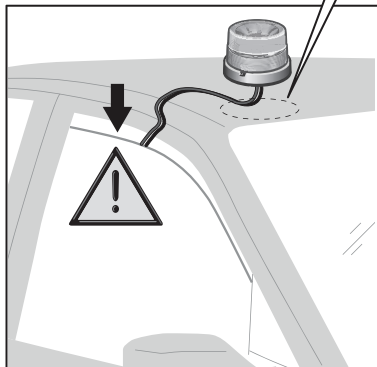




max. 120 km/h



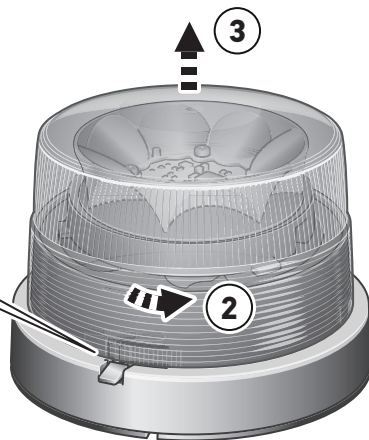
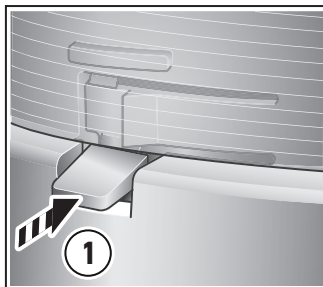
CLEANER



Lichthaubewechsel
Dome replacement
Changement du cabochon

Byte av ljushuv
Lichtkapvervanging
Recambio de la cubierta

Sostituzione della calotta
Kopan vaihto



DE	Informationstext	15
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SV	Informationstext	16
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FI	Ohjetekstit	18

Technische Daten

Typprüfung	Format: TA1 (E1) 004186 TB1 (E1) 004187 AS/NZS 61000-6-3 (RCM / C-Tick)
Nennspannung	12 V / 24 V
Betriebsspannung	9-32 V
Gesamtstrom- aufnahme	12 V: ca. 0,9 A 24 V: ca. 0,4 A
Entstörklasse	VDE 00879, Entstörgrad 4
Leistungs- aufnahme	12 V: ca. 10 W 24 V: ca. 10 W
Lichthaube	PMMA
Gebrauchslage	stehend
Schutzart	IP5KX, IPX4K, IPX9K
Temperaturbereich	minus 40 °C bis plus 60 °C
Verpolschutz	ja
Gehäuse	ASA / ABS
Entstörklasse 4	ECE R10 057696

Technical Data

Type approval:	Format: TA1 (E1) 004186 TB1 (E1) 004187 AS/NZS 61000-6-3 (RCM / C-Tick)
Rated voltage	12 V / 24 V
Operating voltage	9-32 V
Total current consumption	12 V: approx. 0.9 A 24 V: approx. 0.4 A
Interference suppression class	VDE 00879, Suppression level 4
Power consumption	12 V: approx. 10 W 24 V: approx. 10 W
Dome	PMMA
Operating position	Upright
Protective rating	IP5KX, IPX4K, IPX9K
Temperature range	minus 40 °C to plus 60 °C
Inverse polarity protection	yes
Housing	ASA / ABS
Interference suppression class 4	ECE R10 057696

Caractéristiques techniques

Homologation:	Format: TA1 (E1) 004186 TB1 (E1) 004187 AS/NZS 61000-6-3 (RCM / C-Tick)
Tension nominale	12 V / 24 V
Tension de service	9-32 V
Courant total absorbé	12 V : env. 0,9 A 24 V : env. 0,4 A
Classe de déparasitage	VDE 00879, Degré de déparasitage 4
Puissance absorbée	12 V : env. 10 W 24 V : env. 10 W
Cabochon	PMMA
Position d'utilisation	debout
Indice de protection	IP5KX, IPX4K, IPX9K
Plage de température	moins 40 °C à plus 60 °C
Protection contre les inversions de polarité	oui
Boîtier	ASA / ABS
Classe de déparasitage 4	ECE R10 057696

Tekniska data

Typprovning:	Format: TA1 (E1) 004186 TB1 (E1) 004187 AS/NZS 61000-6-3 (RCM / C-Tick)
Märkspänning	12 V / 24 V
Driftsspänning	9-32 V
Total strömupptagning	12 V: ca. 0,9 A 24 V: ca. 0,4 A
Avstörningsklass	VDE 00879, avstörningsgrad 4
Effektförbrukning	12V: ca. 10 W 24V: ca. 10 W
Ljushuv	PMMA
Användningsläge	Stående
Kapslingstyp	IP5KX, IPX4K, IPX9K
Temperaturområde	minus 40 °C till plus 60 °C
Polomkastnings-skydd	ja
Hus	ASA / ABS
Avstörningsklass 4	ECE R10 057696

Technische gegevens

Typekeuring	Formaat: TA1 (E1) 004186 TB1 (E1) 004187 AS/NZS 61000-6-3 (RCM / C-Tick)
Nominale spanning	12 V / 24 V
Bedrijfsspanning	9-32 V
Totale stroomverbruik	12 V: ca. 0,9 A 24 V: ca. 0,4 A
Ontstoringsklasse	VDE 00879, ontstoringsniveau 4
Vermogensopname	12 V: ca. 10 W 24 V: ca. 10 W
Lichtkap	PMMA
Toepassingsstand	staand
Beschermsoort	IP5KX, IPX4K, IPX9K
Temperatuurbereik	min 40 °C tot plus 60 °C
Poolinversie-beveiliging	ja
Behuizing	ASA / ABS
Ontstoringsklasse 4	ECE R10 057696

Datos técnicos

Formato de la homologación de tipo:	Formato: TA1 (E1) 004186 TB1 (E1) 004187 AS/NZS 61000-6-3 (RCM / C-Tick)
Tensión nominal	12 V / 24 V
Tensión de servicio	9-32 V
Consumo de corriente total	12 V: aprox. 0,9 A 24 V: aprox. 0,4 A
Clase de supr. de interf.	VDE 00879, grado de supr. de interf. 4
Consumo de potencia	12 V: aprox. 10 W 24 V: aprox. 10 W
Cubierta	PMMA
Posición de empleo	de pie
Tipo de protección	IP5KX, IPX4K, IPX9K
Intervalo de temperatura	- 40 °C a + 60 °C
Protección ante inv. de polaridad	sí
Carcasa	ASA / ABS
Clase de supr. de interf. 4	ECE R10 057696

Dati tecnici

Omologazione:	Formato: TA1 (E1) 004186 TB1 (E1) 004187 AS/NZS 61000-6-3 (RCM / C-Tick)
Tensione nominale	12 V / 24 V
Tensione di esercizio	9-32 V
Assorbimento complessivo di corrente	12 V: ca. 0,9 A 24 V: ca. 0,4 A
Classe di soppressione delle interferenze	VDE 00879, grado di soppressione delle interferenze: 4
Potenza assorbita	12 V: ca. 10 W 24 V: ca. 10 W
Calotta	PMMA
Posizione d'impiego	Eretta
Classi di protezione	IP5KX, IPX4K, IPX9K
Intervallo di temperatura	Da meno 40 °C a più 60 °C
Protezione contro l'inversione della polarità	Sì
Alloggiamento	ASA / ABS
Classe di soppressione delle interferenze 4	ECE R10 057696

Tekniset tiedot

Tyyppihyväksyntä, muoto:	Muoto: TA1 (E1) 004186 TB1 (E1) 004187 AS/NZS 61000-6-3 (RCM / C-Tick)
Nimellisjännite	12 V / 24 V
Käyttöjännite	9-32 V
Kokonaisvirrankulutus	12 V noin 0,9 A 24 V noin 0,4 A
EMC-radiohäiriösuojausluokka	VDE 00879, EMC-radiohäiriösuojaustaso 4
Tehonotto	12 V noin 10 W 24 V noin 10 W
Koppa	PMMA
Käyttöasento	pystyasento
Suojausluokka	IP5KX, IPX4K, IPX9K
Lämpötila-alue	-40 °C - +60 °C
Navoitussuoja	kyllä
Kotelo	ASA / ABS
EMC-radiohäiriösuojausluokka 4	ECE R10 057696

DE Beleuchtungsanlage auf einwandfreie Funktion hin prüfen

EN Check that the lighting system is working perfectly

FR Contrôler le bon fonctionnement de l'installation d'éclairage

SV Kontrollera att ljussystemet fungerar felfritt

NL Controleer of de verlichting goed functioneert

ES Comprobar que el sistema de iluminación funciona impecablemente

IT Controllare la perfetta funzionalità dell'impianto di illuminazione

FI Tarkasta valaistusjärjestelmän toiminta

DE Bei Fragen oder Einbauproblemen, rufen Sie bitte den HELLA Kundendienst, Großhändler an oder wenden Sie sich an Ihre Werkstatt.

EN If you have questions or installation problems, please call the HELLA Service, wholesaler, or turn to your garage.

FR Pour toutes questions ou problèmes de montage, merci de contacter le service après-vente HELLA, votre distributeur ou votre garage.

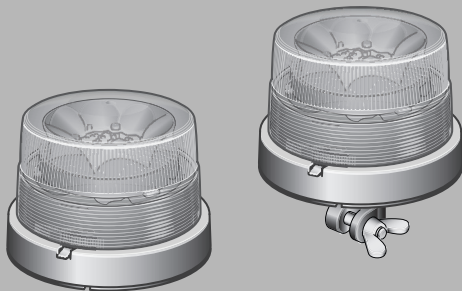
SV Vid frågor eller monteringsproblem, kontakta Hellas kundtjänst, återförsäljaren eller din verkstad.

NL In geval van vragen of montageproblemen verzoeken wij u contact met de HELLA-klantenservice, de groothandel of uw dealer op te nemen.

ES En caso de dudas o problemas de montaje, por favor, llame al Servicio postventa de Hella o al mayorista, o bien dirijase a su taller.

IT Per qualsiasi domanda o problemi di montaggio si prega di contattare il servizio assistenza o il proprio grossista HELLA oppure di rivolgersi alla propria officina.

FI Jos sinulla on kysymyksiä tai asennusongelmia, soita HELLA-asiakaspalvelulle tai tukkuliikkeelle tai käänny korjaamon puoleen.



HELLA KGaA Hueck & Co.

Rixbecker Straße 75

59552 Lippstadt /Germany

www.hella.com

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460 909-29 /03.16