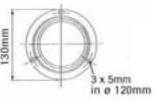






ECONOMIC FLASH XENON STROBE LIGHT



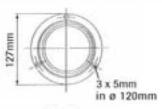


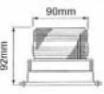
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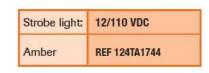
Strobe light:	12/110 VDC	240 VAC
Amber	REF 105TA4867	REF 106TA9118
Blue	REF 106TA9123	REF 106TA9119
Clear	REF 106TA9124	REF 106TA9120
Green	REF 105TA4868	REF 106TA9121
Red	REF 106TA9125	REF 106TA9122

HEAVY DUTY FLASH XENON STROBE LIGHT



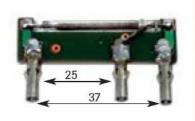








XENON FLASH TUBE



REF 106TA9126 (12/110 VDC)

REF 111TA3637 (240VAC)





Amber	REF 106TA9113
Blue	REF 106TA9114
Clear	REF 106TA9115
Green	REF 106TA9116
Red	REF 106TA9117

- Screw-off polycarbonate cap
- ABS mounting base (New design)
- O-ring sealed for maximum waterproofing.
- Inside mirrorplate for maximum intensity of light (Candle Power/CP)
- Nominal power ± 3 Watts

- Metal mounting ring
- 100.000 CP
- \bullet Flash rate: 60 \pm 10 flashes/minute
- Field replaceable flash tube
- · Universal vehicle mount.

ACCESSORIES



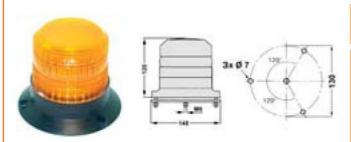


A:	REF 106TA9108	Magnetic mount kit with cigarette lighter plug
B:	REF 106TA9109	Mounting bracket
C:	REF 106TA9110	Metal protection guard (chrome)
D:	REF 107TA9512	3/4" pipe base kit
E:	REF 106TA9112	Mounting bracket yellow





SINGLE FLASH XENON STROBE LIGHT "HEAVY DUTY" 10-110 VOLT HIGH INTENSITY



Strobe light 10/110 VDC

- Flash rate: 75 ± 10 flashes/minute
- · Nominal power ± 5 Watts

Strobe light 12/24 VDC

- Flash rate: 125 ± 10 flashes/minute
- Nominal power ± 15 Watts

REF 105TA4896 Strobe light 10/110 VDC Strobe light 12/24 VDC

Accessories:

- REF 106TA9103
- REF 116TA5655
- **REF 106TA9104**
- REF 106TA9105
- REF 106TA9106
- REF 106TA9107
- 9107
- Xenon flash tube 10/110VDC Xenon flash tube 12/24VDC
- Mounting bracket
- Metal protection guard (chrome)
- Magnetic base
 - Amber lens (Other colours on request)
 - O-ring sealed for maximum waterproofing.
 - Weight: 0,4 kg/unit

SINGLE FLASH XENON STROBE LIGHT MULTI-VOLTAGE

· ABS mounting base

· Screw-on polycarbonate cap



Strobe light:	12/80 V	
Amber	REF 105TA4872	

Replacement tube:	12/80 V
Xenon flash tube	REF 111TA6221

Available caps:	
Amber	REF 106TA9165
Blue	REF 106TA9166
Clear	REF 106TA9167
Green	REF 106TA9168
Red	REF 106TA9169

Accessories:	L.
Protection guard	REF 106TA9171
-	A

XENON STROBE LIGHT WITH BACK-UP ALARM



Complete Assy:	10/100 V
Amber	REF 105TA4873

neplacement cap:	
Amber	REF 106TA9162

Replacement tube:	10/100 V
Xenon flash tube	REF 106TA9161

ROTATING LIGHT WITH BACK-UP ALARM



Complete Assy:	12V	24V
Amber	REF 106TA9172	REF 106TA9164

Replacement cap: REF 106TA9163

١	Accessories:	12V/55w	24V/70w
	Bulb H1-type	REF 103TA4519	REF 103TA4520

CONE XENON STROBE LIGHT "LOW PROFILE"



Complete Assy:	10/100 V
Amber	REF 105TA4874
B-1t	T

The state of the s	
Amber	REF 106TA9160

Replacement tube:	10/100 V	
Xenon flash tube	REF 106TA9159	

XENON STROBE LIGHT UNBREAKABLE

Amber





Complete Assy:	10/100 V
Amber	REF 105TA4875
Replacement cap:	

Accessories: 10/100 V

Xenon flash tube REF 106TA9157

Mounting pipe (Mekling-type) plots
Mounting pipe (Screw-In type) plots
Mounting pipe (Screw-In type) plots
REF 106TA9132

Mounting pipe (Screw-In type) plots
REF 106TA9178

REF 106TA9158

* for use on electric forklift





ROTATING LIGHT SINGLE AND DUAL-VOLTAGE



Rotating light:	12 V	24 V
	REF 106TA9156 REF 106TA9154	
Accessories:	12 V	24 V

Bulb H1-type REF 103TA4519 REF 103TA4520

Mounting pipe (Welding-type) pict 1 REF 106TA9131

Mounting pipe (Screw-in type) pict 2 REF 106TA9132

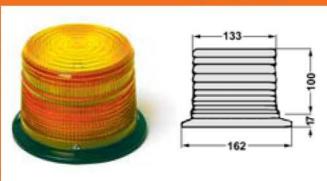
Rotating light without bulb:	12/24V	
	REF 107TA1129	

ROTATING LIGHT / XENON STROBE LIGHT



REF 106TA1248

DOUBLE FLASH XENON STROBE LIGHT 'HIGH INTENSITY"

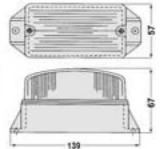


Strobe light:	12/24 V	36/48 V
Amber	REF 105TA4869	REF 106TA9149
Blue	REF 106TA9151	
Accessories:	12/24 V	36/48 V
Xenon flash tube	REF 106TA9150	REF 106TA9147
Metal protection guard: REF 106TA9148 Amber lens: REF 122TA7691 (other colours on request)		

SINGLE FLASH XENON STROBE LIGHT "LOW HEIGHT"



Poly carbonate lens Poly carbonate mounting base O-ring sealed for max. water proofing



Rotating light:

Strobe light:	12/110 V	
Amber	REF 105TA4870	
Accessories:	12/110 V	
Xenon flash tube	REF 106TA9126	
Metal protection guard	REF 106TA9146	

• Dimensions: L 130 x W 57 x H 67 mm • Economic type

Available caps:		
Colours Reference Amber 106TA9141		
		Amber
Blue	106TA9142	
Clear 106TA9143		
Green	106TA9144	
Red 106TA91		

REF 106TA9127

REF 106TA9128

REF 106TA9129 REF 106TA9130

24 V/70W

Available caps: Amber

Blue

Red

Green

REF 106TA9137

ROTATING LIGHT SINGLE AND DUAL-VOLTAGE



Amber	REF 105TA4871	
Accessories:		
Mounting pipe (WeldIng-type) pict. 1	REF 106TA9131	
Mounting pipe (Screw-In type) pict. 2	REF 106TA9132	
Mounting bracket plot 3	REF 106TA9133	
Magnetic base plot. 4	REF 106TA9134	
Adaptor cigarette lighter (2 exits) pict. 5	REF 115TA1802	
Protection guard	REF 106TA9136	
10.		

Bulb HI-type:	12 V/55W	24 V/70W
2777	REF 103TA4519	REF 103TA4520

12 V/55W

**=Dimensions are identical to REF 106TA1246

Bracket 3 necessary for mounting on pipe 1,2.





ROTATING LIGHT FOR ELECTRIC FORKLIFTS 12-80V MULTI-VOLTAGE



Strobe light without bulb:		
Amber	REF 106TA1246	
Accessories:		
Mounting pipe (Welding-type) pict. 1	REF 106TA9131	
Mounting pipe (Screw-In type) plct. 2	REF 106TA9132	
Mounting bracket plet 3	REF 106TA9133	
Magnetic base plot 4	REF 106TA9134	
Protection guard	REF 106TA9136	

Bulb BA 20 s type	
12V	REF 106TA9140
24V	REF 106TA9135
36V	REF 103TA4664
48V	REF 106TA9138
72/80V	REF 106TA9139

Available caps:	
Amber	REF 106TA9127
Blue	REF 106TA9128
Green	REF 106TA9129
Red	REF 106TA9130









ADAPTOR SOCKET "SCREW-IN"



ADAPTOR SOCKET



CORNER ADAPTOR SOCKET



ADJUSTABLE ADAPTOR SOCKET



TELESCOPIC ARM







ECONOMIC WORK LIGHT



 Standard-supplied with protection guard and ON/OFF switch

Replacement bulb H3

Replacement bulb H3

REF 103TA4525

REF 103TA4526

REF 103TA4525

REF 103TA4526

- Diameter of the light surface: 160 mm
- · With glass lens and metal handle at the back
- · Including adjustable mounting bracket
- · Body made of metal

Work light

REF 105TA4877

REF 106TA1252

WORK LIGHT



- Standard-supplied with ON/OFF switch
- Diameter of the light surface: 150 mm
- With glass lens

Work light

REF 105TA4878

REF 106TA1251

- · Body made of shockproof PVC
- · Including adjustable mounting bracket

WORK LIGHT



- Work light

 Bulb BA20S 12V/35W

 Bulb BA20S 24V/35W

 Bulb BA20S 36V/35W

 Bulb BA20S 36V/35W

 Bulb BA20S 48V/35W

 Bulb BA20S 80V/35W

 REF 106TA9138

 REF 106TA9139
- Standard-supplied with ON/OFF switch
- Diameter of the light surface: 150 mm
- · With glass lens
- Body made of shockproof PVC
- · Including adjustable mounting bracket
- *=Supplied without bulb





WORK LIGHT



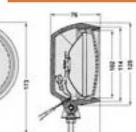
Voltage	Work light	Replacement bulb H3
12V/55W	REF 105TA4879	REF 103TA4525
24V/70W	REF 107TA1134	REF 103TA4526

- · Standard-supplied with protection guard
- Dimensions: 170 x 100 mm
- · With glass lens
- Including adjustable mounting bracket
- · Body made of sheet metal

RUBBER WORK LIGHT



Voltage	Work light	Replacement bulb H3
12V/55W	REF 105TA4880	REF 103TA4525
24V/70W	REF 107TA1133	REF 103TA4526

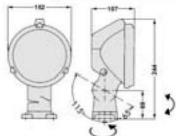


- Work light with full rubber body
- · With glass lens
- · Including adjustable mounting bracket

WORK LIGHT



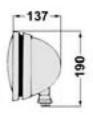
Voltage	Work light	Replacement bulb H3
12V/55W	REF 105TA4881	REF 103TA4525
24V/70W	REF 107TA1132	REF 103TA4526

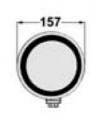


- Standard-supplied with ON/OFF switch
- · Diameter of the light surface: 150 mm
- · With glass lens and handle on the back
- · Including adjustable mounting bracket
- Body made of 100% shockproof PVC

WORK LIGHT WITH SEALED BEAM







Voltage	Work light
12V	REF 106TA1255
24V	REF 106TA1256

- Diameter of the light surface: 160 mm
- Body made of metal
- Universal application





DIRECTIONAL WORK LIGHT



Work light **REF 107TA1138*** Bulb H3 12V/55W **REF 103TA4525** Bulb H3 24V/70W **REF 103TA4526**

Directional work light with dual · Lamp type: access swivel base and extra stability · Housing: Fibreglass charged plastic

Bonded glass with hardened finish · Lens: · Reflector: Aluminium with active

optics technology

Universal mount with rubber damper · Mounting:

and stability inserts 450 gr

· Weight: Supplied without bulb

DIRECTIONAL WORK LIGHT DUAL BULB



Work light REF 107TA1137* Bulb H3 12V/55W (2x) **REF 103TA4525** Bulb H3 24V/70W (2x) **REF 103TA4526**

· Lamp type: Dual cavity work light with dual access swivel base and extra stability Fibreglass charged plastic Housing: · Lens: Bonded glass with hardened finish

· Reflector: Aluminium with dual

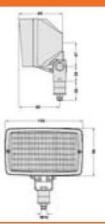
cavity active technology Universal mount with rubber damper · Mounting: and stability inserts

· Weight: 600 gr

Supplied without bulbs

WORK LIGHT





REF 107TA1136* Work light Bulb H3 12V/55W **REF 103TA4525** Bulb H3 24V/70W **REF 103TA4526**

· Lamp type: Directional work light with swivel base · Housing: Plastic · Lens: Bonded glass

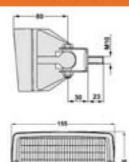
· Reflector: Aluminized steel with varnish finish · Mounting: Universal mount with rubber damper

· Weight: 492 gr

. * Supplied without bulb

LATERAL MOUNTED WORK LIGHT





Work light Bulb H3 12V/55W Bulb H3 24V/70W REF 107TA1135* **REF 103TA4525 REF 103TA4526**

 Lamp type: Lateral mounting work light

· Housing: Plastic · Lens: Bonded glass

· Reflector: Aluminized steel with varnish finish

Universal mount · Mounting:

· Weight: 492 gr

. *: Supplied without bulb





WORK LIGHT





Work light	REF 105TA4558*
Bulb H3 12V/55W	REF 103TA4525
Bulb H3 24V/70W	REF 103TA4526
Bulb H3 36V/45W	REF 103TA4673
Bulb H3 48V/45W	REF 103TA4674
Bulb H3 80V/55W	REF 103TA4675

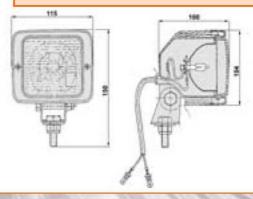
Especially for electric forklifts!

Square work light · Lamp type: · Housing: Nylon-black · Lens: Glass

· Reflector: Aluminized steel with varnished finish · Mounting: Adjustable mounting bracket

· Weight:

355 gr Supplied without bulb



WORK LIGHT





Work light	REF 105TA4559*
Bulb H3 12V/55W	REF 103TA4525
Bulb H3 24V/70W	REF 103TA4526
Bulb H3 36V/45W	REF 103TA4673
Bulb H3 48V/45W	REF 103TA4674
Bulb H3 80V/55W	REF 103TA4675

Especially for electric forklifts!

Rectangular work light · Lamp type:

· Housing: Nylon-black • Lens: Glass

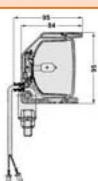
· Reflector: Aluminized steel with varnished finish

• Mounting: Adjustable mounting bracket

· Weight:

358 gr Supplied without bulb



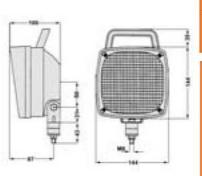






DIRECTIONAL WORK LIGHT WITH ON/OFF SWITCH



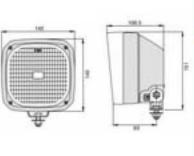


REF 107TA1141*
REF 103TA4525
REF 103TA4526

· Lamp type: Directional work light with ON/OFF switch · Housing: Plastic with built-in handle · Lens: Bonded glass · Reflector: Aluminized steel with varnish finish Universal mount with rubber damper Mounting: · Weight: 618 gr Supplied without bulb

WATERPROOF WORK LIGHT WITH DAMPER SEAL





Work light	REF 107TA1140*
Bulb H3 12V/55W	REF 103TA4525
Bulb H3 24V/70W	REF 103TA4526
Lamp type:	Waterproof work light with

damper seal · Housing: Plastic · Lens: Bonded glass with spotlight pattern · Reflector: Aluminized steel with varnish finish · Mounting: Universal bracket · Weight: 617 gr Supplied without bulb

MULTIDIRECTIONAL WORK LIGHT WITH ON/OFF SWITCH

Work light

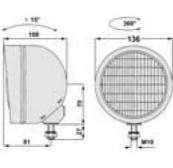


Bulb H3 12V/55W Bulb H3 24V/70W		REF 103TA4525 REF 103TA4526
Lamp type:	Multidirectional work light with ON/OFF switch	
Housing:	Powder-painted black with built-in handle	
• Lens:	Bonded glass	
 Reflector: 	Aluminized steel with varnish finish	
 Mounting: 	Universal bracket	
Weight:	568 gr	
• *:	Supplied without bulb	

REF 107TA1139*

WORK LIGHT WITH POWDER-COATED STEEL HOUSING AND PROTECTIVE RUBBER





Work light	REF 106TA1281*
Bulb H3 12V/55W	REF 103TA4525
Bulb H3 24V/70W	REF 103TA4526

Lamp type:	Work light with rubber protection
Housing:	Powder-painted black steel housing
• Lens:	Bonded glass
Reflector:	Aluminized steel with varnish finish
Mounting:	Stud base
Weight:	691 gr
• *:	Supplied without bulb

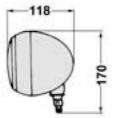


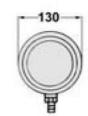


WORK LIGHT



Voltage	Work light	Replacement bulb
12V	REF 105TA4882	REF 103TA4626
24V	REF 122TA7692	REF 103TA4630





Lamp type: Universal work light
Housing: Steel housing with chrome coating
Lens: Glass
Reflector: Aluminized steel with varnish finish
Mounting: Stud base

Sealed beam, aluminized steel with

WORK LIGHT



Voltage	REF Work light	Replacement sealed beam
12V/35W	REF 106TA1271	REF 106TA1269
	• Lamp type:	Universal work light
	Housing:	Steel housing with black powder-coating finish
	• Lens:	Bonded glass, diameter 135 mm

· Reflector:

varnish finish
• Mounting: Universal mount

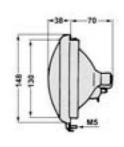
WORK LIGHT



REF Work light		Replacement bulb	
REF 105TA4883		REF 103TA4643	
REF 106TA1270		REF 106TA4883	
Lamp type:	Unive	rsal work light	
Housing:	Steel	housing with black	
	powd	er-coating finish	
• Lens:	Glass,	, diameter 130 mm	
Reflector:	Alumi	nized steel with varnish finish	
Mounting:	Stud I	base	
	• Lamp type: • Housing: • Lens: • Reflector:	REF 105TA4883 REF 106TA1270 - Lamp type: Unive - Housing: Steel powd - Lens: Glass - Reflector: Alumi	

WORK LIGHT BUILT-IN





Work light	REF 106TA1282*
Bulb 12V	REF 106TA1267
Bulb 12V	REF 106TA1268
Bulb 24V	REF 103TA4653
Bulb 24V	REF 106TA4840

Lamp type:
Housing:
Lens:
Reflector:
Mounting:
*:
Built-in work light
Steel housing with chrome coating
Glass
Aluminized steel with varnish finish
Screw mounting
Supplied without bulbs



WORK LIGHTS



WORK LIGHT (ALSO FOR ELECTRIC FORKLIFTS)



 Work light
 REF 106TA1320*

 Bulb H3 12V/35W
 REF 103TA4524

 Bulb H3 24V/70W
 REF 103TA4526

 Bulb H3 36V/45W
 REF 103TA4673

 Bulb H3 48V/45W
 REF 103TA4674

 Bulb H3 80V/55W
 REF 103TA4675

Lamp type: Universal work lightHousing: Charged plasticLens: Bonded glass

Reflector: Aluminized steel with varnish finish

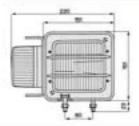
Mounting: Stud mounting
 Remarks: Supplied with wiring kit
 *: Supplied without bulb

INTEGRATED DRIVING LIGHT WITH TURN SIGNAL, RIGHT

E-approved



Voltage	Light	Head ligh Large	t bulbs Small	Indicator bulbs
12V	REF 107TA1156	REF 106TA1311	REF 107TA1151	REF 106TA1285
24V	REF 107TA1157	REF 107TA1150	REF 103TA4577	REF 107TA1142



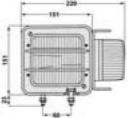
Lamp type: Front light combination unit
 Housing: Charged plastic
 Lens: Worklamp: Glass Indicator: Plastic
 Reflector: Aluminized steel with varnish finish
 Mounting: Dual stud base

INTEGRATED DRIVING LIGHT WITH TURN SIGNAL, LEFT

E-approved



Voltage	Light	Head lig Large	ght bulbs Small	Indicator bulbs
12V	REF 107TA1154	REF 106TA1311	REF 107TA1151	REF 106TA1285
24V	REF 107TA1155	REF 107TA1150	REF 103TA4577	REF 107TA1142



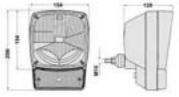
Lamp type: Front light combination unit
 Housing: Charged plastic
 Lens: Worklamp: Glass Indicator: Plastic
 Reflector: Aluminized steel with varnish finish
 Mounting: Dual stud base

INTEGRATED DRIVING LIGHT WITH TURN SIGNAL

E-approved



Voltage	Light	Driving light bulbs Large H4 Small	Indicator bulbs
12V	REF 107TA1153	REF 103TA4530 REF 103TA4575	REF 106TA4862
24V	REF 107TA1152	REF 106TA4822 REF 103TA4577	REF 103TA4603



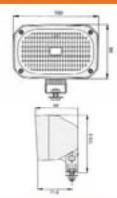
Lamp type:	Front light combination unit	
 Housing: 	Plastic	
• Lens:	Bonded glass Indicator: Plastic	
 Reflector: 	Aluminized steel with varnish finish	
Weight:	993 gr	
Mounting:	Swivel base	





UNIVERSAL RECTANGULAR WORK LIGHT





 Work light
 REF 105TA4884*

 Bulb H3 12V/55W
 REF 103TA4525

 Bulb H3 24V/70W
 REF 103TA4526

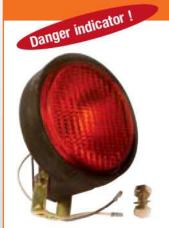
 Bulb H3 36V/45W
 REF 103TA4673

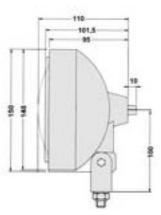
 Bulb H3 48V/45W
 REF 103TA4674

 Bulb H3 80V/55W
 REF 103TA4675

• *: Supplied without bulb

RUBBER WORK LIGHT





Fog or warning light: REF 105TA4885*
12 V bulb REF 106TA1285
24 V bulb REF 107TA1142
48 V bulb REF 106TA4865

 Work light (clear lens):
 REF 107TA1143*

 12V/55W bulb
 REF 103TA4525

 24V/70W bulb
 REF 103TA4526

Lamp type: Rubber work light
Housing: 100% full rubber body
Lens: Plastic

Reflector: Aluminized steel with varnish finish
 Mounting: Universal mount

Remark: Red and clear lens are available
 *: Supplied without bulb

- . Supplied Without built

WORK LIGHT





work light 12V

REF 122TA7552

- · With 35W BA15S socket bulb
- Replacement lens: REF 122TA7694

work light 12V

REF 122TA7695

- With 55W H3 bulb
- · Replacement lens: REF 122TA7696





LED OVAL HORIZONTAL WORK LIGHT



led light 12V - 48V

REF 122TA7697

- Durable nylon housing, impact-resistant polycarbonate lens sealed against water, dust and corrosion.
- Eliminates costly bulb replacement, maintenance calls and downtime.
- LED technology provides extremely long life, low power consumption and high resistance to shock and vibration.
- · Mounting 5/16" bolt



LED REAR COMBINATION LIGHT



Kit = 2 lamps + 1 fl	asher
led light kit 12V	REF 122TA7699
led light kit 24/36V	REF 122TA7700
led light kit 48V	REF 122TA7701
1 1 (2004) (2004) (2004)	

Lamps

12V	REF 122TA7702
24/36V	REF 122TA7703
48V	REF 122TA7704
	And the Control of th

Flasher

flasher REF 122TA7705



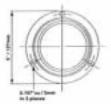
- · Incorporates stop, tail, turn & backup functions
- · Designed for extremely long life
- · Completely sealed lamp, protection from water, dust,...

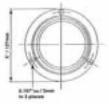














strobe light 12/80V

REF 123TA1992

- · Microprocessor controlled
- \bullet 60 \pm 6 quad FPM
- 0,1 Amp
- · Epoxy filled base
- Amber





strobe light 12/80V

REF 123TA1991

- · Microprocessor controlled
- 60 ± 6 quad FPM
- 0,1 Amp
- Epoxy filled base
- Amber

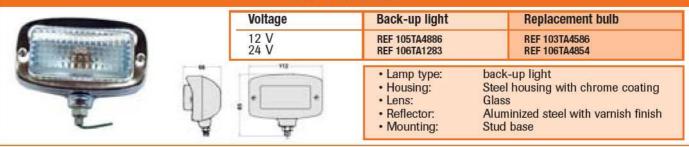






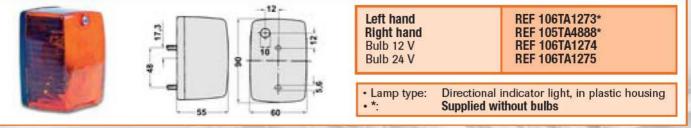


BACK-UP LIGHT





DIRECTIONAL INDICATOR LIGHT



REAR COMBINATION LIGHT



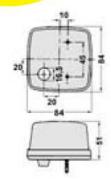
reverse light 12V	REF 122TA7553
reverse light 24V	REF 122TA7550
reverse light 48V	REF 122TA7555
separate lens	REF 122TA7554





E-approved

UNIVERSAL LIGHTS - DOUBLE FUNCTION







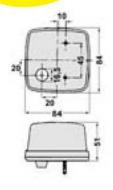


• *: Supplied without bulbs
• **: With licence plate illumination

	REF rear/indicator	REF rear/stop	REF position/indicator
light	105TA4889 *	106TA1293 */**	106TA1288 *
bulb 12V • 21W	106TA4862	106TA4862	106TA4862
bulb 12V • 5W	103TA4537	103TA4537	103TA4537
bulb 24V • 21W	103TA4603	103TA4603	103TA4603
bulb 24V • 5W	103TA4539	103TA4539	103TA4539
replacement lens only	107TA1144	119TA9826	106TA1291
colour	AMBER/RED	RED/RED	AMBER/CLEAR

E-approved

UNIVERSAL LIGHTS - SINGLE FUNCTION









• * : Supplied without bulbs

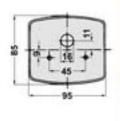
	REF indicator	REF rear	REF stop	REF back-up	REF position
light	107TA1146 *	119TA9827 *	119TA9828 *	122TA7547 *	122TA7548 *
bulb 12V	106TA4862	103TA4537	106TA4862	106TA4862	103TA4537
bulb 24V	103TA4603	103TA4539	103TA4603	103TA4603	103TA4539
replacement lens only	106TA1296	107TA1145	107TA1145	122TA7549	122TA7549
colour	AMBER	RED	RED	CLEAR	CLEAR

E-approved

UNIVERSAL REAR COMBINATION LIGHT







Left rear light	REF 106TA1286*
Right rear light	REF 122TA7706*
Bulb 12 V - 25W (2x) Bulb 12 V - 10W (1x) Bulb 24 V - 25W (2x) Bulb 24 V - 10W (1x) Replacement lens only	REF 103TA4602 REF 106TA1277 REF 106TA1278 REF 106TA1279 REF 106TA1287

Lamp type: Universal rear combination light in plastic housing
 *: Supplied without bulbs





HEADLAMP



REF 106TA1378 (12 V) REF 106TA1376 (24 V) REF 106TA1377 (48 V)



Replacement lens: REF 107TA1173

HEADLAMP



REF 106TA1373 (12 V) Replacement lens: REF 107TA1172

HEADLAMP SEALED BEAM



REF 106TA1372 (12 V) REF 106TA1272 (24 V)



Replacement sealed beam: REF 106TA1269 (12 V) REF 122TA7693 (24 V)



DIRECTIONAL INDICATOR



REF 106TA1370 (12 V) REF 106TA1367 (24 V) REF 106TA1368 (36 V) REF 107TA1171 (48 V)



Replacement lens: REF 106TA1366

DIRECTIONAL INDICATOR



REF 106TA1402 Universal use e-approved

DIRECTIONAL INDICATOR



REF 106TA1398

DIRECTIONAL INDICATOR



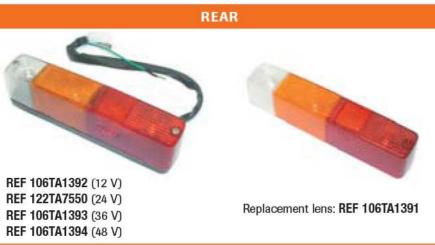
REF 107TA1175 e-approved

REAR LIGHT























































REAR AND INDICATOR LIGHTS "JAPANESE TYPES"













12 V REF 105TA4890

used for: NISSAN, TCM,...

2

used for: TOYOTA,...

3

used for: KOMATSU,...

4

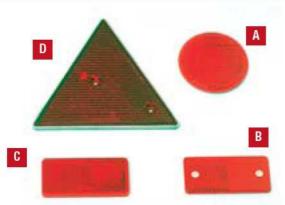
used for: NISSAN, KOMATSU TCM, TOYOTA,... 5

used for: KOMATSU,...

6

used for: KOMATSU, YALE,...

REFLECTORS FOR FORKLIFTS



A = REF 106TA1321 Ø 80 mm (glue-on)

B = **REF 106TA1322** 44 x 94 mm (screw-on)

C = REF 106TA1323 44 x 94 mm (glue-on)





12 & 24 VOLT KITS FOR OFF-ROAD FORKLIFTS



Complete kit • 12 V REF 106TA6746

			Qty./Kit
1	Work light	REF 105TA4884	2x
2	Bulb 12V/55W	REF 103TA4525	2x
3	Left indicator	REF 106TA1273	1x
4	Right indicator	REF 105TA4888	1x
5	Rear lamp left	REF 106TA1298	1x
6	Rear lamp right	REF 106TA1299	1x
7	Fuse block	REF 106TA1300	1x
8	Cable insulators	REF 106TA1301	100x
9	Cable 1,5 mm2 black	REF 106TA9666	10m
10	12V relay	REF 106TA1302	1x
11	On-off switch	REF 106TA1303	1x
12	Switch	REF 106TA1304	1x
13	12V relay	REF 106TA1305	1x
14	Contact	REF 106TA1306	1x
15	Directional indicator switch	REF 106TA1307	1x

Complete kit • 24 V REF 107TA7677

	CANADA CA		Qty./Kit
1	Work light	REF 105TA4884	2x
2	Bulb 24V/70W	REF 103TA4526	2x
3	Left indicator	REF 106TA1273	1x
4	Right indicator	REF 105TA4888	1x
5	Rear lamp left	REF 106TA1298	1x
6	Rear lamp right	REF 106TA1299	1x
7	Fuse block	REF 106TA1300	1x

8	Cable insulators	REF 106TA1301	100x
9	Cable 1,5 mm2 black	REF 106TA9666	10m
10	24V relay	REF 107TA1149	1x
11	On-off switch	REF 106TA1303	1x
12	Switch	REF 106TA1304	1x
13	24V relay	REF 106TA1310	1x
14	Contact	REF 106TA1306	1x
15	Directional indicator switch	REF 106TA1307	1x

E-approved 12 & 24 VOLT KITS FOR STANDARD FORKLIFTS "E-APPROVED"



Complete kit • 12 V REF 107TA7676

Complete kit • 24 V REF 107TA1148

N°	Description	REF 12V	REF 24V	Qty
1	work light	107TA1147	107TA1147	2x
2	bulb	103TA4530 12V 60/55W	100TA2105 24V 75/70W	2x
3	left indicator	106TA1273	106TA1273	1x
4	right indicator	105TA4888	105TA4888	1x
5	left rear light	106TA1298	106TA1298	1x
6	right rear light	106TA1299	106TA1299	1x
7	bulb	100TA2215 12V 21W	100TA2218 24V 21W	6x
8	bulb	100TA2191 12V 10W	100TA2195 24V 10W	2x
9	fuse block	106TA1300	106TA1300	1x
10	relay	123TA9617 12V	106TA1310 24V	2x
11	on-off switch	106TA1303	106TA1303	1x
12	contact	106TA1306	106TA1306	1x
13	relay	106TA1302 12V	107TA1149 24V	1
14	directional ind. switch	106TA1307	106TA1307	1x
15	switch	123TA9618	123TA9618	1x
16	cable 1,5mm_ black	106TA9666	106TA9666	10m
17	cable insulator	106TA1301	106TA1301	100x
18	fuse	123TA9619	123TA9619	2x
19	cable connector	123TA9620	123TA9620	6x
20	bulb	100TA2118 12V 5W	100TA2120 24V 5W	2x
21	"high beam" symbol	115TA2814	115TA2814	1x
22	position light	122TA7548	122TA7548	2x









PROTECTION GUARD



PROTECTION GUARD



PROTECTION GUARD



PROTECTION GUARD



PROTECTION GUARD



PROTECTION GUARD



PROTECTION GUARD



ELECTRICAL EQUIPMENT & ACCESSORIES

XENON STROBE BAR

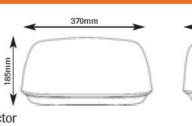
REF 124TA2796

Powerful double flashing beacon alternating xenon 50Cd. 75 flashes/min.

Dual voltage 10-30V

IP54 / EMC directive 95/54

With double magnet and plug-in connector





XENON STROBE BAR

REF 124TA2797

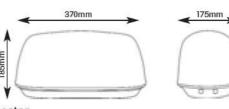
Powerful double flashing beacon alternating xenon 50Cd.

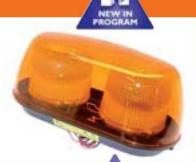
75 flashes/min.

Dual voltage 10-30V

IP54 / EMC directive 95/54

Without double magnet and plug-in connector





LED STROBE BAR

REF 124TA2798

Compact xenon/led light cluster 4 x 6W xenon strobes in the corners

4 x amber led clusters ECER65 10-30V IP65

length: 520mm height: 90mm depth: 280mm





LED STROBE BAR

REF 124TA2799

Compact xenon/led light cluster 4 x 6W xenon strobes in the corners

8 x amber led clusters ECER65 10-30V IP65

length: 750mm height: 90mm depth: 280mm





LED WARNINGLIGHT

12V with magnet and plug-in connector REF 124TA2800 24V with magnet and plug-in connector **REF 124TA2801** 12V without magnet and plug-in connector **REF 124TA2802** 24V without magnet and plug-in connector **REF 124TA2803**







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-	Marie 1	-	

HUKNS				
	CHARACTERISTICS		NUMBER OF TERMINALS	REF
low tone (410 Hz)	Volume: 112 dB Dimensions: (L x W x H) 110 x 100 x 97 mm	12 V · 5A (410 Hz) Low Tone 24 V · 3,5A (410 Hz) Low Tone 12 V · 5A (410 Hz) Low Tone 24 V · 3,5A (410 Hz) Low Tone	1 2	111TA3919 111TA3920 111TA3921 111TA3922
high tone (490 Hz)	Volume: 112 dB Dimensions: (L x W x H) 110 x 100 x 97 mm	12 V · 5A (490 Hz) High Tone 24 V · 3,5A (490 Hz) High Tone 12 V · 5A (490 Hz) High Tone 24 V · 3,5A (490 Hz) High Tone	1 2	111TA3923 111TA3924 111TA3925 111TA3926
	Volume: 112 dB Diameter: 90 mm Universal application	12 V ⋅ 5A ⋅ 345 Hz ⋅ Low tone 12 V ⋅ 5A ⋅ 450 Hz ⋅ High tone 24 V ⋅ 4A ⋅ 345 Hz ⋅ Low tone 24 V ⋅ 4A ⋅ 450 Hz ⋅ High tone 36/48V ⋅ <1A ⋅ 345 Hz ⋅ Low tone 36/48V ⋅ <1A ⋅ 450 Hz ⋅ High tone 72/80V ⋅ <0,5A ⋅ 345 Hz ⋅ Low tone 72/80V ⋅ <0,5A ⋅ 345 Hz ⋅ High tone	2	107TA1178 107TA1179 106TA1408 107TA1180 111TA3927 111TA3928 111TA3929 111TA3930
	Electronic horn Extra long lifetime Volume: 112 dB Diameter: 90 mm Working temperature	24 V · < 1A · 410 Hz · High tone 36 V · < 1A · 410 Hz · High tone 48 V · < 1A · 410 Hz · High tone	3	111TA3932 111TA3934 107TA1181
	Small size horn Volume: 103 dB Diameter: 70 mm	12 V · 2 A · 335Hz · low tone 12 V · 2 A · 420Hz · high tone 24 V · 2 A · 420Hz · high tone	2	115TA1813 115TA1814 115TA1816







E-I-A		

, and the second se	SAFE-T-ALERT HORN	5		
0.0	CHARACTERISTI	CS	NUMBER OF TERMINALS	REF
SAFE-T-ALERT*	SAFE-T-ALERT Light Duty Volume: 110 dB Ø 110mm L mount and S mount brackets included	12 V 24 V 36 - 48 V	2 2 2 2	115TA6941 115TA6942 115TA6940
SAFE-T-ALERT°	SAFE-T-ALERT Heavy Duty Volume: 120 dB Ø 125mm Water resistant L mount and S mount brackets included	12 V 24 V 36 - 48 V	2 2 2 2	115TA6937 115TA6938 115TA6939
SAFE-T-ALERT°	Electronic horn This is a solid-state electronic horn which has been designed for extremely long life and to replace high maintenance electro-mechanical horns. Volume: 107 dB Dimensions: (LxWxH) 127 x 76 x 76 mm	12-24/36-48 V	2	115TA6936





HAND-ACTUATED AIR HORN



FOOT-ACTUATED AIR HORN



REF 106TA6952

HORN FOR SMALL WAREHOUSE EQUIPMENT



REF 106TA6322

REF 106TA6953

ELECTROPNEUMATIC HORN



Volume: 117 dB

Base frequency: 735/600Hz \pm 5%

Length: 158/215 mm

REF 123TA1993

12V

REF 123TA1994

24V



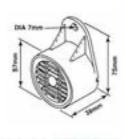


BACK-UP ALARMS



NEW IN PROGRAM

SAFE-T-ALERT 1000 SERIES



SAFE-T-ALERT

Voltage	Volume	REF
12 - 24 V 12 V	85 dB 92 dB	123TA1997 123TA1996

SPECIAL OFFER

SAFE-T-ALERT 2000 SERIES

Waterproof and water resistant. Polarity and spike protected

Voltage	Volume	REF
12 - 24 V	87 dB	115TA6948*
12 - 80 V	87 dB	115TA6949*
12 - 24 V	97 dB	115TA6951*
12 - 48 V	97 dB	115TA6952*
12 - 80 V	97 dB	115TA6953*
12 - 24 V	102 dB	115TA6955
12 - 24 V	107 dB	115TA6957
12 - 24 V	77 - 102 dB	115TA6945**
12 - 48 V	77 - 97 dB	115TA6944**

^{*} conforms to SAE J994 type C or D





SAFE-T-ALERT 2100 SERIES

Heavy-duty aluminium die cast housing Wire connections



Voltage	Volume	REF
12 - 24 V	97 dB	123TA1998*
12 - 24 V	102 dB	123TA1999
12 - 24 V	107 dB	123TA2000*

^{*} conforms to SAE J994 type B or C

SAFE-T-ALERT®

SAFE-T-ALERT 2200 SERIES



Wire connections

Voltage	Volume	REF
12-24 V	107 dB	123TA2001*

* conforms to SAE J994 type B

^{**} self adjusting





SAFE-T-ALERT 2500 SERIES



Polarity and spike protected +100/-400

Voltage	Volume	REF
12-80 V	87 dB	123TA2002*
12-48 V	97 dB	123TA2003*
12-24 V	102 dB	123TA2004

^{*} conforms to SAE J994 type C or D

SAFE-T-ALERT®





Polarity and spike protected +100/-400

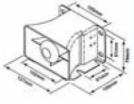
Volume	REF
97 dB	115TA6958*
107 dB	115TA6959*
97 or 107 dB	115TA6960**
82 to 102 dB	115TA6961***
	97 dB 107 dB 97 or 107 dB

- * conforms to SAE J994 type B or C
- ** manual adjusting
- *** self adjusting

SAFE-T-ALERT°

SAFE-T-ALERT 3500 SERIES





Polarity and spike protected +100/-400

Voltage	Volume	REF
12-24 V	87-112 dB	123TA2006**
12-24 V	112 dB	123TA2007*
	***************************************	E and the second second

- * conforms to SAE J994 type A
- ** self adjusting

SAFE-T-ALERT

SAFE-T-ALERT 4000 SERIES HEAVY DUTY





Meets OEM design for rugged construction applications Polarity and spike protected +100/-400

Voltage	Volume	REF
12-24 V	112 dB	123TA2008*
12-24 V	97-112 dB	123TA2009**
	self adjusting	

- * conforms to SAE J994 type A
- ** self adjusting

SAFE-T-ALERT®







SAFE-T-ALERT 5000 SERIES



This alarm will flush mount into the same hole as a Ø101,6mm round lamp (Ø114,3mm hole). A standard black PVC rear lighting grommet is included with the alarm. Wire connections

Voltage	Volume	REF
12-24 V	97 dB	123TA2010*
12-48 V	97 dB	123TA2011*
12-24 V	102 dB	123TA2012
12-24 V	107 dB	123TA2013**
12-24 V	112 dB	123TA2014***

- * conforms to SAE J994 type C
- ** conforms to SAE J994 type B
- *** conforms to SAE J994 type A

SAFE-T-ALERT

MANUALLY ADJUSTING BACK-UP ALARM Voltage 12-24 V 87 - 107 dB 123TA1995

BACK-UP ALARM MUSICAL TONE



diameter: 54 mm

Voltage	REF
12 V	106TA1431





SMALL BACK-UP ALARMS



Intermittent tone or continuous (DC - only) Mounting hole 30 mm

3 fast-on connections

5 -32 VDC 85 dB at 5 V **REF 107TA1189**

100 dB at 32 V

Intermittent tone only (AC or DC)

Mounting hole 30 mm

2 screw connections

6 - 28 V 68 dB at 6 V REF 107TA1190

80 dB at 28 V

REF 107TA1188

30 -120 V 80 dB at 30 V

95 dB at 120 V

BACK-UP ALARMS USED FOR TOYOTA



Voltage	Volume	REF
24 V	90 dB	106TA1440
48 V	90 dB	105TA4576



Voltage	Volume	REF
12- 24 V	85 dB	115TA1846

UNIVERSAL BACK-UP ALARM



Very small, easy to hide. Piëzo sound.

Voltage	REF
12 V	106TA1433





BACK-UP ALARM USED FOR NISSAN



Piëzo sound Diameter 56mm

Voltage	REF
24 V	106TA1432

LOW BUDGET ALARM



Piëzo sound IP 54 Diameter 68mm

STANDARD TYPE

Voltage	Volume	REF
10-100 V	100 dB	111TA4110



WITH LED

Voltage	Volume	REF
10-100 V	100 dB	115TA1847

BACK-UP ALERT



The combined bleeper and light is as easy to install as changing a lightbulb, giving the added safety of a reversing bleeper without the time, complication and cost of wiring and fitting. Simply replace one of your existing reversing bulbs.

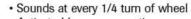
REF
115TA6972 123TA2015





BACK-UP BELLS





· Activated by reverse motion

· Easy right wheel mounting

· No wires, switches or springs to wear out

Volume	Diameter	REF
87 dB	152 mm	115TA6973
105 dB	203 mm	115TA6974

152 mm or 203 mm

BACK-UP ALARM SWITCH



Water resistant CO-contact 5 amp rating A full 360° movement

Housing	REF
ABS plastic	107TA1191
metal	123TA2016

BACK-UP ALARM SWITCH



Water resistant NO-contact 8 amp rating Unidirectional

106TA1438
The Market I of Parks and American

REF





BBS-TEK™ BACK-UP ALARM

SMALL NOISE, BIG SOUND SAFETY ALL ROUND

bbs-tekTM, it goes shh! Not bleep!





The bbs-tek™ BACKALARM® uses multi-frequency broadband sound instead of the traditional single-frequency sound of conventional alarm. The sound dissipates much quicker, is directional, and is localized in the danger zone, resulting in an enormous reduction in noise nuisance and complaints.

Operators involved in all types of vehicle movement from conventional road transport, including trucks, RCV's, buses and low loaders to off-road applications, including quarry vehicles, are already experiencing the unique benefits of the **bbs-tek™ BACKALARM®**.

Not only are noise nuisance and complaints considerably reduced, but the unique localisation feature of the **bbs-tek™ BACKALARM®** means that in busy environments you can instantly tell where the sound is coming from and, therefore, which vehicle is reversing.

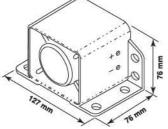
Voltage	Volume	REF
12 - 24 V	82 dB	111TA3741
12 - 24 V	87 dB	111TA3742
36 - 80 V	82 dB	111TA3743
36 - 80 V	87 dB	111TA3744





SAFE-T-ALERT VOICE ALARMS





- · Water resistant
- 12 48 V
- 86 dB

10 messages of the Voice Alarm

[horn] [horn] [caution moving vehicle] [male voice]	REF 115TA6962
[horn] [horn] [please use caution vehicle moving] [female voice]	
[horn] [horn] [caution moving vehicle] [male voice]	REF 115TA6963
[horn] [horn] [please step aside vehicle moving] [female voice]	
[horn] [horn] [attention vehicle moving] [male voice]	REF 115TA6964
[horn] [horn] [please step aside vehicle in motion] [female voice]	
[horn] [horn] [please step aside] [male voice]	REF 115TA6965
[horn] [horn] [please use caution vehicle in motion] [female voice]	
[horn] [horn] [vehicle in motion] [male voice]	REF 115TA6966
[horn] [horn] [please use caution vehicle in motion] [female voice]	
[horn] [horn] [alert vehicle in motion] [male voice]	REF 115TA6967
[horn] [horn] [please step aside, moving vehicle] [female voice]	
[horn] [horn] [beware moving vehicle] [male voice]	REF 115TA6968
[horn] [horn] [attention vehicle in motion] [male voice]	
[horn] [horn] [danger vehicle in motion] [male voice]	REF 115TA6969
[horn] [horn] [attention moving vehicle] [male voice]	
[horn] [horn] [alert vehicle moving] [female voice]	REF 115TA6970
[horn] [horn] [alert vehicle in motion] [female voice]	
[horn] [horn] [attention moving vehicle] [female voice]	REF 115TA6971
[horn] [horn] [beware vehicle in motion] [female voice]	

NIGHTSHIFT REVERSING BLEEPERS



Featuring NIGHTSHIFT™ technology, our built-in double-engage override allows you to reverse in built-up areas during the restricted hours for sounding and audible alarm (11.30pm - 7.00am) without disturbing local residents or breaking the law.

Simply double-engage reverse gear quickly (within 1 second) and the backalarm will not sound (REF 108TA4226) or will alter from 90dB to 78dB (REF 111TA3752)

- CE certified (EMC)
- · E certified (EMC)
- · Solid-state, spark-free electronics, epoxy-sealed against mud, water and vibration
- · Clearly audible under typical working conditions
- Tough, durable, guaranteed waterproof (IP67) can be steam-cleaned and pressurehosed

Voltage	Volume	REF
12 - 24 V	90 dB	108TA4226
12 - 24 V	90 - 78 dB	111TA3752

LOW BATTERY ALARM



Alerts to low battery condition

Multi-function, dual tone, audible warning device helps reduce premature battery failure by alerting vehicle operators with a distinct tone to critically low battery voltage conditions. Also functions as a backup alarm and produces 97 decibels.

The device uses patented self-resonant alarm circuitry and utilizes a dual voltage sensing technology to accommodate light to heavy battery loads. The device operates with the engine idling or turned off.

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PROGRAM

Voltage	Volume	REF
12 V	97 dB	123TA2017
24 V	97 dB	123TA2018





SUPERIOR SIGNALS, INC.

