



*We have a large stock of*

***XENON STROBE LIGHTS  
ROTATING LIGHTS  
WORK LIGHTS  
REVERSE LIGHTS  
LIGHTING KITS  
DRIVING LIGHTS  
LIGHT RAILS  
INDICATOR LIGHTS  
LIGHTING ACCESSORIES***

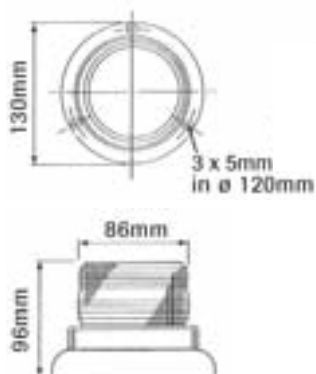
*For special offers, please  
call our sales department.*

**SIGNALS, LIGHTING & BULBS**



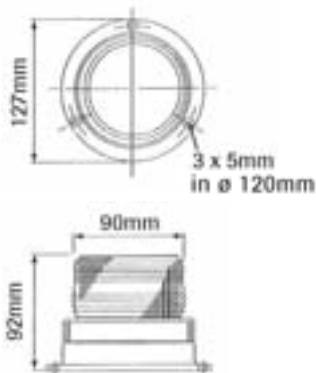
SPECIAL OFFER

## ECONOMIC FLASH XENON STROBE LIGHT



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

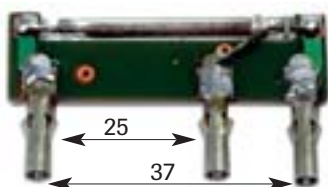
## HEAVY DUTY FLASH XENON STROBE LIGHT



Strobe light:	12/110 VDC
Amber	REF 124TA1744



## XENON FLASH TUBE

REF 106TA9126  
(12/110 VDC)REF 111TA3637  
(240VAC)

## REPLACEMENT PARTS

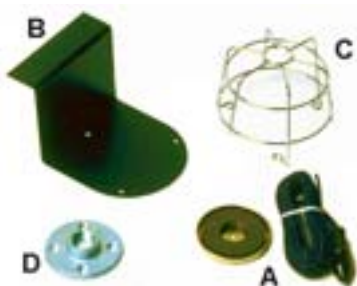


Amber	REF 106TA9113
Blue	REF 106TA9114
Clear	REF 106TA9115
Green	REF 106TA9116
Red	REF 106TA9117

- 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  $\pm 3$  Watts

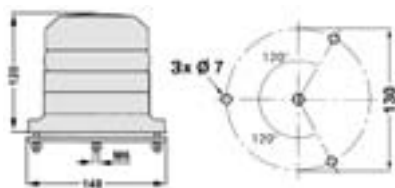
- Metal mounting ring
- 100.000 CP
- Flash rate:  $60 \pm 10$  flashes/minute
- Field replaceable flash tube
- Universal vehicle mount.

## 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  
REF 116TA5654

**Strobe light 10/110 VDC**  
**Strobe light 12/24 VDC**

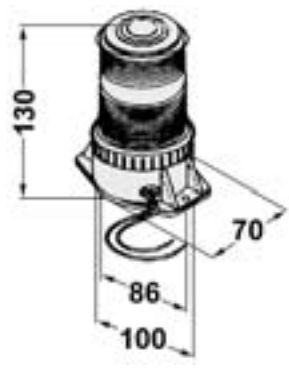
**Accessories:**

REF 106TA9103  
REF 116TA5655  
REF 106TA9104  
REF 106TA9105  
REF 106TA9106  
REF 106TA9107

Xenon flash tube 10/110VDC  
Xenon flash tube 12/24VDC  
Mounting bracket  
Metal protection guard (chrome)  
Magnetic base  
Amber lens (Other colours on request)

- Screw-on polycarbonate cap
- ABS mounting base
- O-ring sealed for maximum waterproofing.
- Weight: 0,4 kg/unit

## SINGLE FLASH XENON STROBE LIGHT MULTI-VOLTAGE

**Strobe light:**

Amber

12/80 V

REF 105TA4872

**Replacement tube:**

Xenon flash tube

12/80 V

REF 111TA6221

**Available caps:**

Amber

Blue

Clear

Green

Red

REF 106TA9165

REF 106TA9166

REF 106TA9167

REF 106TA9168

REF 106TA9169

**Accessories:**

Protection guard

REF 106TA9171



## XENON STROBE LIGHT WITH BACK-UP ALARM

**Complete Assy:**

10/100 V

Amber

REF 105TA4873

**Replacement 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

**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

**Replacement cap:**

Amber

REF 106TA9160

**Replacement tube:**

10/100 V

Xenon flash tube

REF 106TA9159

## XENON STROBE LIGHT UNBREAKABLE

**Complete Assy:**

10/100 V

Amber

REF 105TA4875

**Replacement cap:**

Amber

REF 106TA9158

**Accessories:**

10/100 V

Xenon flash tube

REF 106TA9157

Mounting pipe (Welding-type) pict1

REF 106TA9131

Mounting pipe (Screw-in type) pict2

REF 106TA9132

\* Mounting pipe (Screw-in type) pict3

REF 106TA9178

\* for use on electric forklift



## ROTATING LIGHT SINGLE AND DUAL-VOLTAGE



unbreakable

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



Xenon strobe light:	10/100 V
Amber	REF 105TA4876

Accessories:	
Xenon flash tube	REF 106TA9157

Available caps:	
Amber	REF 106TA9152

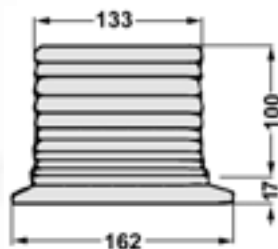
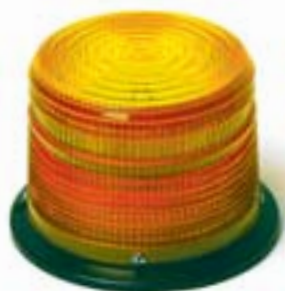
Rotating light:	12 V	24 V
	REF 106TA9155	REF 106TA9153

Accessories:	12 V	24 V
Bulb H1-type	REF 103TA4519	REF 103TA4520

Available caps:	
	REF 106TA9152

Rotating light without bulb:	12/24 V
	REF 106TA1248

## DOUBLE FLASH XENON STROBE LIGHT 'HIGH INTENSITY'



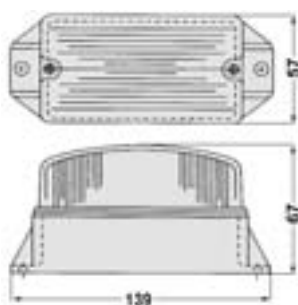
Strobe light:	12/24 V	36/48 V
Amber	REF 105TA4869	REF 106TA9149
Blue	REF 106TA9151	

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

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
Blue	106TA9142
Clear	106TA9143
Green	106TA9144
Red	106TA9145

## ROTATING LIGHT SINGLE AND DUAL-VOLTAGE



Rotating light:	12 V/55W	24 V/70W
Amber	REF 105TA4871	REF 106TA9137

Accessories:	
Mounting pipe (Welding-type) pict. 1	REF 106TA9131
Mounting pipe (Screw-in type) pict. 2	REF 106TA9132
Mounting bracket pict. 3	REF 106TA9133
Magnetic base pict. 4	REF 106TA9134
Adaptor cigarette lighter (2 exits) pict. 5	REF 115TA1802
Protection guard	REF 106TA9136

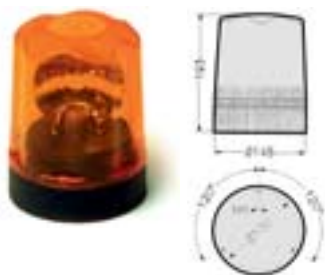
Available caps:	
Amber	REF 106TA9127
Blue	REF 106TA9128
Green	REF 106TA9129
Red	REF 106TA9130

Bulb H1-type:	12 V/55W	24 V/70W
	REF 103TA4519	REF 103TA4520

\*\*=Dimensions are identical to REF 106TA1246

Bracket 3 necessary for mounting on pipe 1,2.

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



<b>Strobe light without bulb:</b>	
Amber	REF 106TA1246
<b>Accessories:</b>	
Mounting pipe (Welding-type) pict. 1	REF 106TA9131
Mounting pipe (Screw-in type) pict. 2	REF 106TA9132
Mounting bracket pict. 3	REF 106TA9133
Magnetic base pict. 4	REF 106TA9134
Protection guard	REF 106TA9136

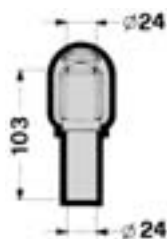
Bulb BA 20 s type	
12V	REF 106TA9140
24V	REF 106TA9135
36V	REF 103TA4664
48V	REF 106TA9138
72/80V	REF 106TA9139

<b>Available caps:</b>	
Amber	REF 106TA9127
Blue	REF 106TA9128
Green	REF 106TA9129
Red	REF 106TA9130

## ADAPTOR SOCKET "WELDING"



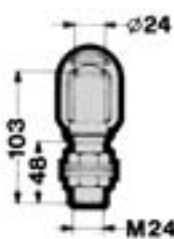
REF 106TA9131



## ADAPTOR SOCKET "SCREW-IN"



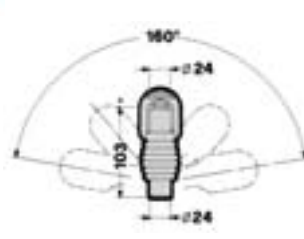
REF 106TA9132



## ADAPTOR SOCKET "SCREW-IN"



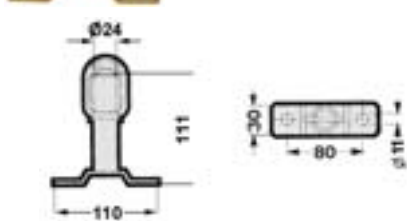
REF 106TA9178



## ADAPTOR SOCKET



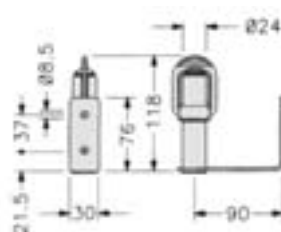
REF 106TA9176



## CORNER ADAPTOR SOCKET



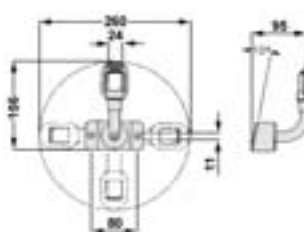
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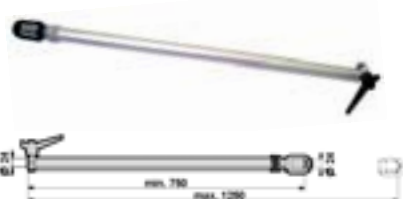
## ADJUSTABLE ADAPTOR SOCKET



REF 106TA9174

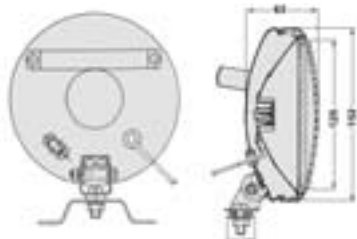


## TELESCOPIC ARM



REF 106TA9177

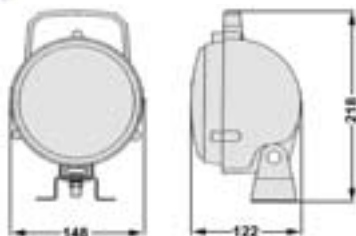
## ECONOMIC WORK LIGHT



Voltage	Work light	Replacement bulb H3
12V/55W	REF 105TA4877	REF 103TA4525
24V/70W	REF 106TA1252	REF 103TA4526

- Standard-supplied with protection guard and ON/OFF switch
- 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



Voltage	Work light	Replacement bulb H3
12V/55W	REF 105TA4878	REF 103TA4525
24V/70W	REF 106TA1251	REF 103TA4526

- 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

## WORK LIGHT

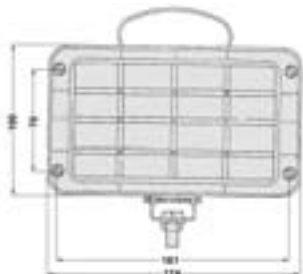
*Especially for electric forklifts*



Work light	REF 106TA1250*
Bulb BA20S 12V/35W	REF 106TA9140
Bulb BA20S 24V/35W	REF 106TA9135
Bulb BA20S 36V/35W	REF 103TA4664
Bulb BA20S 48V/35W	REF 106TA9138
Bulb BA20S 80V/35W	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**

12V/55W  
24V/70W

**Work light**

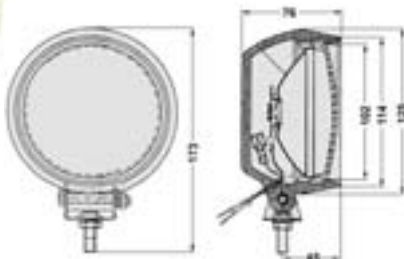
REF 105TA4879  
REF 107TA1134

**Replacement bulb H3**

REF 103TA4525  
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**

12V/55W  
24V/70W

**Work light**

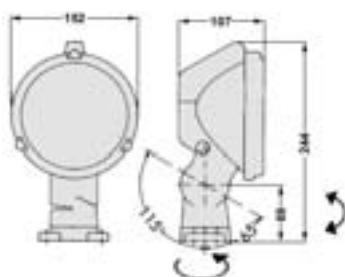
REF 105TA4880  
REF 107TA1133

**Replacement bulb H3**

REF 103TA4525  
REF 103TA4526

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

## WORK LIGHT

**Voltage**

12V/55W  
24V/70W

**Work light**

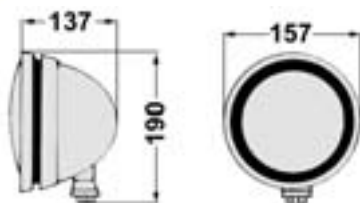
REF 105TA4881  
REF 107TA1132

**Replacement bulb H3**

REF 103TA4525  
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**

12V  
24V

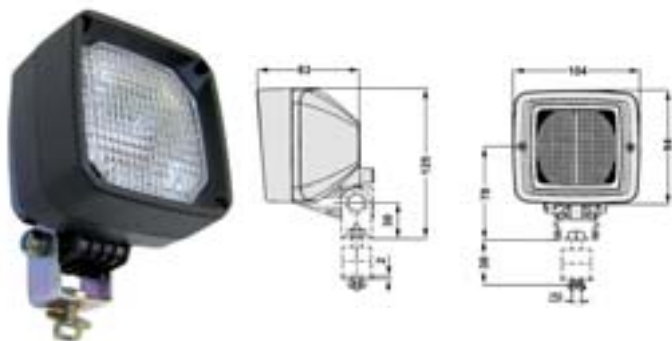
**Work light**

REF 106TA1255  
REF 106TA1256

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



## DIRECTIONAL WORK LIGHT



Work light  
Bulb H3 12V/55W  
Bulb H3 24V/70W

**REF 107TA1138\***  
**REF 103TA4525**  
**REF 103TA4526**

- Lamp type: Directional work light with dual access swivel base and extra stability
- Housing: Fibreglass charged plastic
- Lens: Bonded glass with hardened finish
- Reflector: Aluminium with active optics technology
- Mounting: Universal mount with rubber damper and stability inserts
- Weight: 450 gr
- \*: **Supplied without bulb**

## DIRECTIONAL WORK LIGHT DUAL BULB



Work light  
Bulb H3 12V/55W (2x)  
Bulb H3 24V/70W (2x)

**REF 107TA1137\***  
**REF 103TA4525**  
**REF 103TA4526**

- Lamp type: Dual cavity work light with dual access swivel base and extra stability
- Housing: Fibreglass charged plastic
- Lens: Bonded glass with hardened finish
- Reflector: Aluminium with dual cavity active technology
- Mounting: Universal mount with rubber damper and stability inserts
- Weight: 600 gr
- \*: **Supplied without bulbs**

## WORK LIGHT



Work light  
Bulb H3 12V/55W  
Bulb H3 24V/70W

**REF 107TA1136\***  
**REF 103TA4525**  
**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
- Mounting: Universal mount
- Weight: 492 gr
- \*: **Supplied without bulb**



## WORK LIGHT

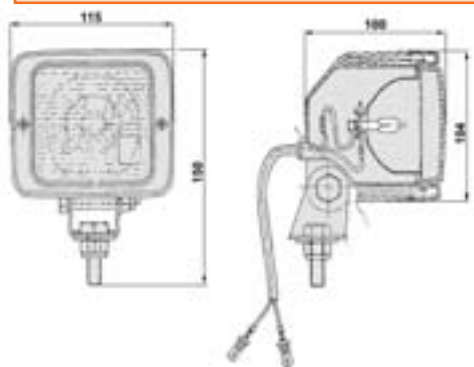


**High  
power**

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 !**

- Lamp type: Square work light
- Housing: Nylon-black
- Lens: Glass
- Reflector: Aluminized steel with varnished finish
- Mounting: Adjustable mounting bracket
- Weight: 355 gr
- \*: **Supplied without bulb**



## WORK LIGHT

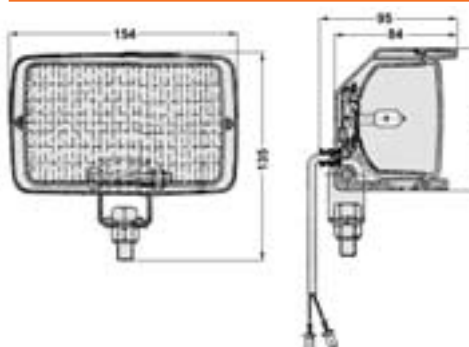


**High  
power**

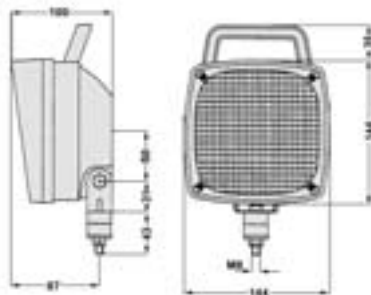
Work light	REF 105TA4559*
Bulb H3 12V/55W	REF 103TA4525
Bulb H3 24V/70W	REF 103TA4526
Bulb H3 36V/45W	REF 103TA4673
Bulb H3 48V/45W	REF 103TA4674
Bulb H3 80V/55W	REF 103TA4675

**Especially for electric forklifts !**

- Lamp type: Rectangular work light
- Housing: Nylon-black
- Lens: Glass
- Reflector: Aluminized steel with varnished finish
- Mounting: Adjustable mounting bracket
- Weight: 358 gr
- \*: **Supplied without bulb**



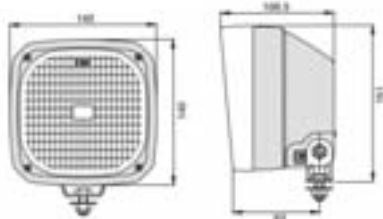
## DIRECTIONAL WORK LIGHT WITH ON/OFF SWITCH



<b>Work light</b>	<b>REF 107TA1141*</b>
Bulb H3 12V/55W	<b>REF 103TA4525</b>
Bulb H3 24V/70W	<b>REF 103TA4526</b>

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

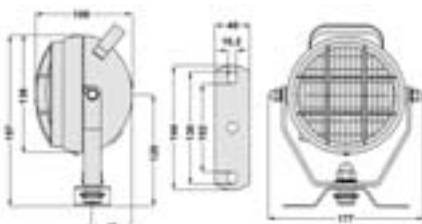
## WATERPROOF WORK LIGHT WITH DAMPER SEAL



<b>Work light</b>	<b>REF 107TA1140*</b>
Bulb H3 12V/55W	<b>REF 103TA4525</b>
Bulb H3 24V/70W	<b>REF 103TA4526</b>

- 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**

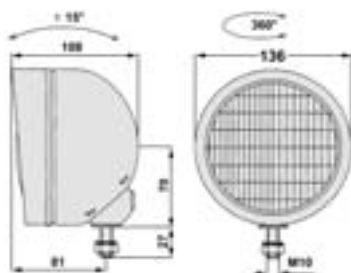
## MULTIDIRECTIONAL WORK LIGHT WITH ON/OFF SWITCH



<b>Work light</b>	<b>REF 107TA1139*</b>
Bulb H3 12V/55W	<b>REF 103TA4525</b>
Bulb H3 24V/70W	<b>REF 103TA4526</b>

- 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**

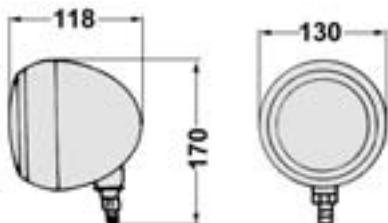
## WORK LIGHT WITH POWDER-COATED STEEL HOUSING AND PROTECTIVE RUBBER



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

- 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

## 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: Sealed beam, aluminized steel with varnish finish
- Mounting: Universal mount

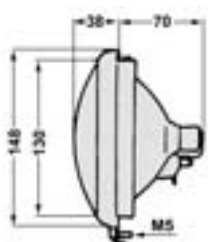
## WORK LIGHT



Voltage	REF Work light	Replacement bulb
12V	REF 105TA4883	REF 103TA4643
24V	REF 106TA1270	REF 106TA4883

- Lamp type: Universal work light
- Housing: Steel housing with black powder-coating finish
- Lens: Glass, diameter 130 mm
- Reflector: Aluminized steel with varnish finish
- Mounting: Stud base

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



## WORK LIGHT (ALSO FOR ELECTRIC FORKLIFTS)

**Work light**

Bulb H3 12V/35W  
 Bulb H3 24V/70W  
 Bulb H3 36V/45W  
 Bulb H3 48V/45W  
 Bulb H3 80V/55W

REF 106TA1320\*

REF 103TA4524

REF 103TA4526

REF 103TA4673

REF 103TA4674

REF 103TA4675

- Lamp type: Universal work light
- Housing: Charged plastic
- Lens: 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 light bulbs		Indicator bulbs
		Large	Small	
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 light bulbs		Indicator bulbs
		Large	Small	
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

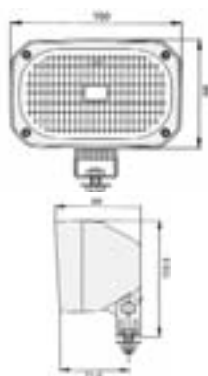
E-approved



Voltage	Light	Driving light bulbs		Indicator bulbs
		Large H4	Small	
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**

Bulb H3 12V/55W  
 Bulb H3 24V/70W  
 Bulb H3 36V/45W  
 Bulb H3 48V/45W  
 Bulb H3 80V/55W

REF 105TA4884\*

REF 103TA4525

REF 103TA4526

REF 103TA4673

REF 103TA4674

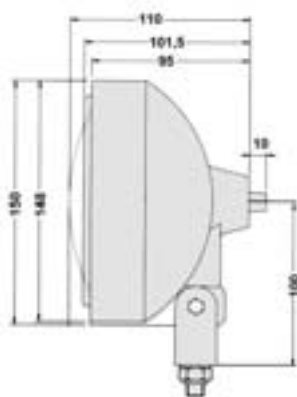
REF 103TA4675

• \*:

Supplied without bulb

## RUBBER WORK LIGHT

Danger indicator !

**Fog or warning light:**

12 V bulb  
 24 V bulb  
 48 V bulb

REF 105TA4885\*

REF 106TA1285

REF 107TA1142

REF 106TA4865

**Work light (clear lens):**

12V/55W bulb  
 24V/70W bulb

REF 107TA1143\*

REF 103TA4525

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**

## 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



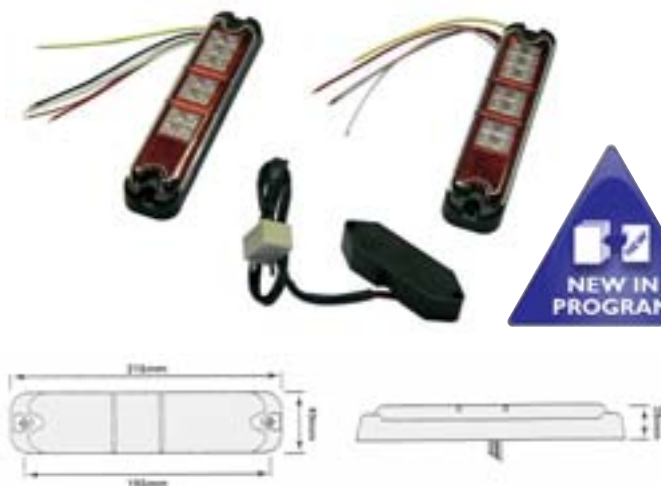
led light 12V - 48V

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 flasher

led light kit 12V  
led light kit 24/36V  
led light kit 48V

REF 122TA7699  
REF 122TA7700  
REF 122TA7701

## Lamps

12V  
24/36V  
48V

REF 122TA7702  
REF 122TA7703  
REF 122TA7704

## Flasher

flasher

REF 122TA7705

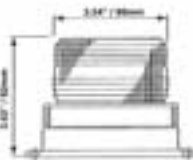
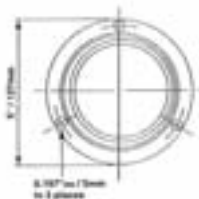
- Incorporates stop, tail, turn & backup functions
- Designed for extremely long life
- Completely sealed lamp, protection from water, dust,...





NEW IN  
PROGRAM

### METEORLITE • ML5 • LED



strobe light 12/80V

REF 123TA1992

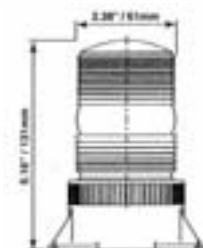
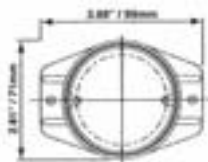
- Microprocessor controlled
- $60 \pm 6$  quad FPM
- 0,1 Amp
- Epoxy filled base
- Amber

**METEORLITE®**



NEW IN  
PROGRAM

### METEORLITE • ML2 • LED



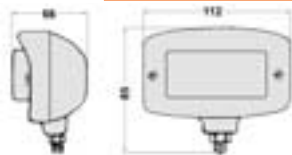
strobe light 12/80V

REF 123TA1991

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

**METEORLITE®**

## BACK-UP LIGHT



## Voltage

12 V  
24 V

## Back-up light

REF 105TA4886  
REF 106TA1283

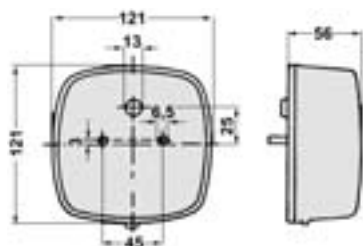
## Replacement bulb

REF 103TA4586  
REF 106TA4854

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

## REAR COMBINATION LIGHT

E-approved



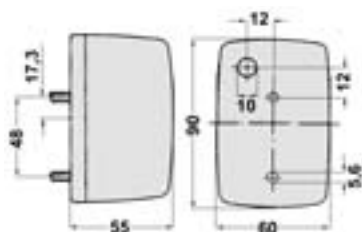
## Rear light

Bulb 12 V (2x) 25W  
Bulb 12 V (1x) 10W  
Bulb 24 V (2x) 25W  
Bulb 24 V (1x) 10W  
Replacement lens only

REF 105TA4887\*  
REF 103TA4602  
REF 106TA1277  
REF 106TA1278  
REF 106TA1279  
REF 106TA1280

- Lamp type: Combination rear light in plastic housing
- \*: Supplied without bulbs

## DIRECTIONAL INDICATOR LIGHT

Left hand  
Right hand

Bulb 12 V  
Bulb 24 V

REF 106TA1273\*  
REF 105TA4888\*  
REF 106TA1274  
REF 106TA1275

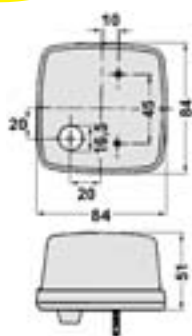
- Lamp type: Directional indicator light, in plastic housing
- \*: Supplied without bulbs

## REAR COMBINATION LIGHT



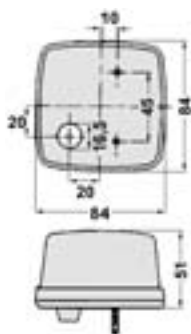
reverse light 12V  
reverse light 24V  
reverse light 48V  
separate lens

REF 122TA7553  
REF 122TA7550  
REF 122TA7555  
REF 122TA7554

**E-approved****UNIVERSAL LIGHTS - DOUBLE FUNCTION**

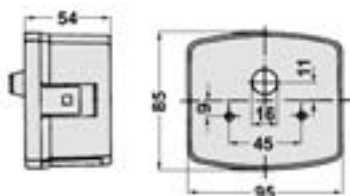
- \* : Supplied without bulbs
- \*\* : With licence plate illumination

	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)	REF 103TA4602
Bulb 12 V - 10W (1x)	REF 106TA1277
Bulb 24 V - 25W (2x)	REF 106TA1278
Bulb 24 V - 10W (1x)	REF 106TA1279
Replacement lens only	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



REF 106TA1390 (12 V)

## REAR



REF 106TA1392 (12 V)  
REF 122TA7550 (24 V)  
REF 106TA1393 (36 V)  
REF 106TA1394 (48 V)



Replacement lens: REF 106TA1391

## REAR COMBINATION

*E-approved*



REF 107TA1177 RH  
REF 129TA8822 LH with reverse lamp  
REF 129TA8823 LH with fog lamp

## REAR ASSEMBLY



REF 106TA1384 (12 V)  
REF 106TA1385 (24 V)  
REF 106TA1386 (36 V)  
REF 106TA1387 (48 V)



Replacement lens: REF 106TA1388

## REAR



REF 107TA1176

## REAR LAMP



REF 106TA1381 (12 V)



Replacement lens amber:  
REF 107TA1174



Replacement lens clear:  
REF 106TA1380



Replacement lens red:  
REF 106TA1383

## FRONT COMBINATION



REF 122TA7551 (12 V)  
Amber lens: REF 122TA7707  
3-pin connector

## FRONT COMBINATION



REF 106TA1400  
Universal use  
e-approved

## FRONT COMBINATION



REF 121TA1379 (12 V)  
Replacement lens rear: REF 106TA1363  
Replacement lens front: REF 106TA1404

## REAR LIGHT



REF 106TA1399 (12 V)

## LENS



REF 106TA1371

## LENS



REF 106TA1363 (rear/amber)

## LENS



REF 106TA1389

## LENS

REF 106TA1404 (front/amber)  
REF 106TA1405 (front/black)

## FRONT COMBINATION CAP



REF 106TA1397

## LENS



REF 106TA1331

## TAIL LAMP LENS



REF 106TA1337

## STOP LAMP LENS



REF 106TA1338

## LENS

REF 106TA1327 (front)  
REF 106TA1328 (rear)

## LENS



REF 106TA1344



## REAR AND INDICATOR LIGHTS "JAPANESE TYPES"

1



2



3



4



5



6



1

12 V ..... REF 105TA4890  
 24 V ..... REF 106TA1342  
 48 V ..... REF 106TA1343  
 Lens ..... REF 106TA1344

used for: NISSAN, TCM,...

2

12 V ..... REF 105TA4891  
 24 V ..... REF 106TA1339  
 48V ..... REF 106TA1340  
 Lens ..... REF 106TA1341

used for: TOYOTA,...

3

12 V ..... REF 105TA4892  
 24 V ..... REF 106TA1335  
 48 V ..... REF 106TA1336  
 Clear lens ... REF 106TA1337  
 Red lens ..... REF 106TA1338

used for: KOMATSU,...

4

12 V ..... REF 106TA1364  
 24 V ..... REF 106TA1332  
 Front lens ..... REF 106TA1333  
 Rear lens ..... REF 106TA1334

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

5

12 V ..... REF 105TA4894  
 24 V ..... REF 106TA1329  
 48 V ..... REF 106TA1330  
 Lens ..... REF 106TA1331

used for: KOMATSU,...

6

12 V ..... REF 105TA4895  
 24 V ..... REF 106TA1325  
 48 V ..... REF 106TA1326  
 Front lens ... REF 106TA1327  
 Rear lens .... REF 106TA1328

used for: KOMATSU, YALE,...

## REFLECTORS FOR FORKLIFTS

D



A




B



C



- 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)  
 D = REF 106TA1324  height:140mm (screw-on)

## 12 &amp; 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

		Qty./Kit			Qty./Kit
1	Work light	REF 105TA4884 2x	8	Cable insulators	REF 106TA1301 100x
2	Bulb 24V/70W	REF 103TA4526 2x	9	Cable 1,5 mm2 black	REF 106TA9666 10m
3	Left indicator	REF 106TA1273 1x	10	24V relay	REF 107TA1149 1x
4	Right indicator	REF 105TA4888 1x	11	On-off switch	REF 106TA1303 1x
5	Rear lamp left	REF 106TA1298 1x	12	Switch	REF 106TA1304 1x
6	Rear lamp right	REF 106TA1299 1x	13	24V relay	REF 106TA1310 1x
7	Fuse block	REF 106TA1300 1x	14	Contact	REF 106TA1306 1x
			15	Directional indicator switch	REF 106TA1307 1x

E-approved

## 12 &amp; 24 VOLT KITS FOR STANDARD FORKLIFTS "E-APPROVED"

Complete kit • 12 V  
REF 107TA7676Complete 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



**REF 106TA1352**  
Used for TOYOTA

## PROTECTION GUARD



**REF 106TA1348**  
Used for NISSAN

## PROTECTION GUARD



**REF 106TA1351**  
Used for TOYOTA - MANITOU

## PROTECTION GUARD



**REF 107TA1159**  
Used for NISSAN - MITSUBISHI - CATERPILLAR

## PROTECTION GUARD



**REF 106TA1350**  
Used for TOYOTA - MANITOU

## PROTECTION GUARD



**REF 106TA1346**  
Used for CATERPILLAR - MITSUBISHI

## PROTECTION GUARD



**REF 107TA1160**

## PROTECTION GUARD



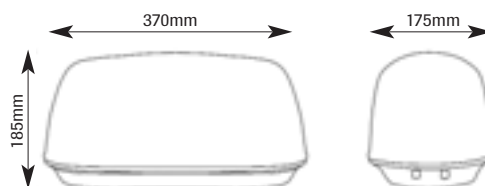
**REF 107TA1158**  
Used for KOMATSU - HALLA



## XENON STROBE BAR

## REF 124TA2796

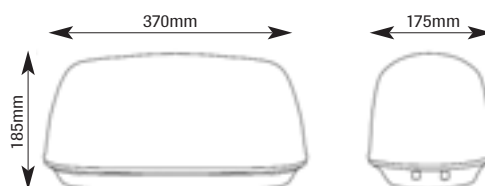
Powerful double flashing beacon  
alternating xenon 50Cd.  
75 flashes/min.  
Dual voltage 10-30V  
IP54 / EMC directive 95/54  
With double magnet and plug-in connector



## 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
24V	with magnet and plug-in connector
12V	without magnet and plug-in connector
24V	without magnet and plug-in connector

REF 124TA2800

REF 124TA2801

REF 124TA2802

REF 124TA2803



## HORNS

## HORNS

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



SAFE-T-ALERT®

SAFE-T-ALERT HORNS

CHARACTERISTICS	NUMBER OF TERMINALS	REF
<b>SAFE-T-ALERT Light Duty</b>  Volume: 110 dB Ø 110mm L mount and S mount brackets included	12 V 24 V 36 - 48 V	2 2 2
<b>SAFE-T-ALERT Heavy Duty</b>  Volume: 120 dB Ø 125mm Water resistant L mount and S mount brackets included	12 V 24 V 36 - 48 V	2 2 2
<b>Electronic horn</b>  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



SAFE-T-ALERT®



## HAND-ACTUATED AIR HORN



REF 106TA6953

## FOOT-ACTUATED AIR HORN



REF 106TA6952

## HORN FOR SMALL WAREHOUSE EQUIPMENT



REF 106TA6322

## ELECTROPNEUMATIC HORN



Volume: 117 dB  
 Base frequency: 735/600Hz  $\pm$  5%  
 Length: 158/215 mm

REF 123TA1993

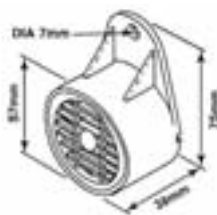
12V

REF 123TA1994

24V



## SAFE-T-ALERT 1000 SERIES

**SAFE-T-ALERT®****Voltage**

12 - 24 V  
12 V

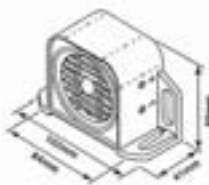
**Volume**

85 dB  
92 dB

**REF**

123TA1997  
123TA1996

## SAFE-T-ALERT 2000 SERIES

**SAFE-T-ALERT®**

Waterproof and water resistant.  
Polarity and spike protected

**Voltage**

12 - 24 V  
12 - 80 V  
12 - 24 V  
12 - 48 V  
12 - 80 V  
12 - 24 V  
12 - 24 V  
12 - 24 V  
12 - 48 V

**Volume**

87 dB  
87 dB  
97 dB  
97 dB  
97 dB  
102 dB  
107 dB  
77 - 102 dB  
77 - 97 dB

**REF**

115TA6948\*  
115TA6949\*  
115TA6951\*  
115TA6952\*  
115TA6953\*  
115TA6955  
115TA6957  
115TA6945\*\*  
115TA6944\*\*

\* conforms to SAE J994 type C or D

\*\* self adjusting

## SAFE-T-ALERT 2100 SERIES

**SAFE-T-ALERT®**

Heavy-duty aluminium die cast housing  
Wire connections

**Voltage**

12 - 24 V  
12 - 24 V  
12 - 24 V

**Volume**

97 dB  
102 dB  
107 dB

**REF**

123TA1998\*  
123TA1999  
123TA2000\*

\* conforms to SAE J994 type B or C

## SAFE-T-ALERT 2200 SERIES

**SAFE-T-ALERT®**

Wire connections

**Voltage**

12-24 V

**Volume**

107 dB

**REF**

123TA2001\*

\* conforms to SAE J994 type B



## 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®



## SAFE-T-ALERT 3000 SERIES

Polarity and spike protected +100/-400

Voltage	Volume	REF
12 - 24 V	97 dB	115TA6958*
12 - 24 V	107 dB	115TA6959*
12 - 24 V	97 or 107 dB	115TA6960**
12 - 48 V	82 to 102 dB	115TA6961***

\* 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*

\* 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 self adjusting	123TA2009**

\* conforms to SAE J994 type A

\*\* self adjusting

SAFE-T-ALERT®



## SAFE-T-ALERT 5000 SERIES

NEW IN  
PROGRAM**SAFE-T-ALERT®**

This alarm will flush mount into the same hole as a  $\varnothing 101,6\text{mm}$  round lamp ( $\varnothing 114,3\text{mm}$  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

## MANUALLY ADJUSTING BACK-UP ALARM

NEW IN  
PROGRAM

Voltage	Volume	REF
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  
 30 - 120 V      80 dB at 30 V      **REF 107TA1188**  
                          95 dB at 120 V

## BACK-UP ALARMS USED FOR TOYOTA



Voltage	Volume	REF
24 V	90 dB	<b>106TA1440</b>
48 V	90 dB	<b>105TA4576</b>



Voltage	Volume	REF
12- 24 V	85 dB	<b>115TA1846</b>

## UNIVERSAL BACK-UP ALARM



Very small, easy to hide. Piëzo sound.

Voltage	REF
12 V	<b>106TA1433</b>

## BACK-UP ALARM USED FOR NISSAN



Piëzo sound  
Diameter 56mm

**Voltage**

24 V

**REF**

**106TA1432**

## LOW BUDGET ALARM



Piëzo sound  
IP 54  
Diameter 68mm

**STANDARD TYPE****Voltage**

10-100 V

**Volume**

100 dB

**REF**

**111TA4110**

**WITH LED****Voltage**

10-100 V

**Volume**

100 dB

**REF**

**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.

**Description**

12 V

24 V

**REF**

**115TA6972**

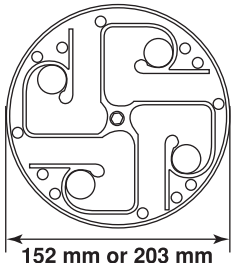
**123TA2015**





BACK-UP BELLS

BACK-UP ALARMS



- Sounds at every 1/4 turn of wheel
- 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

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

	REF
	106TA1438

## BBS-TEK™ BACK-UP ALARM

BACK-UP ALARMS

# SMALL NOISE, BIG SOUND SAFETY ALL ROUND

*bbs-tek™, it goes shh!  
Not bleep!*



LIFETIME  
WARRANTY

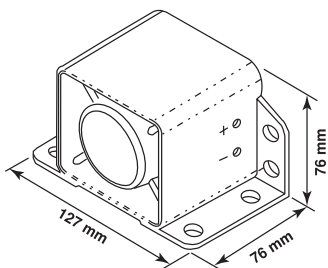
The **bbs-tek™ BACKALARM®** uses multi-frequency broadband sound instead of the traditional single-frequency sound of conventional alarm. The sound dissipates much quicker, is directional, and is localized in the danger zone, resulting in an enormous reduction in noise nuisance and complaints.

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 pressure-hosed

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

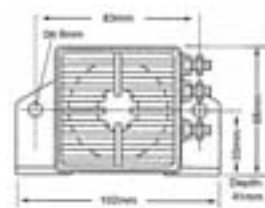
## LOW BATTERY ALARM



## Alerts to low battery condition

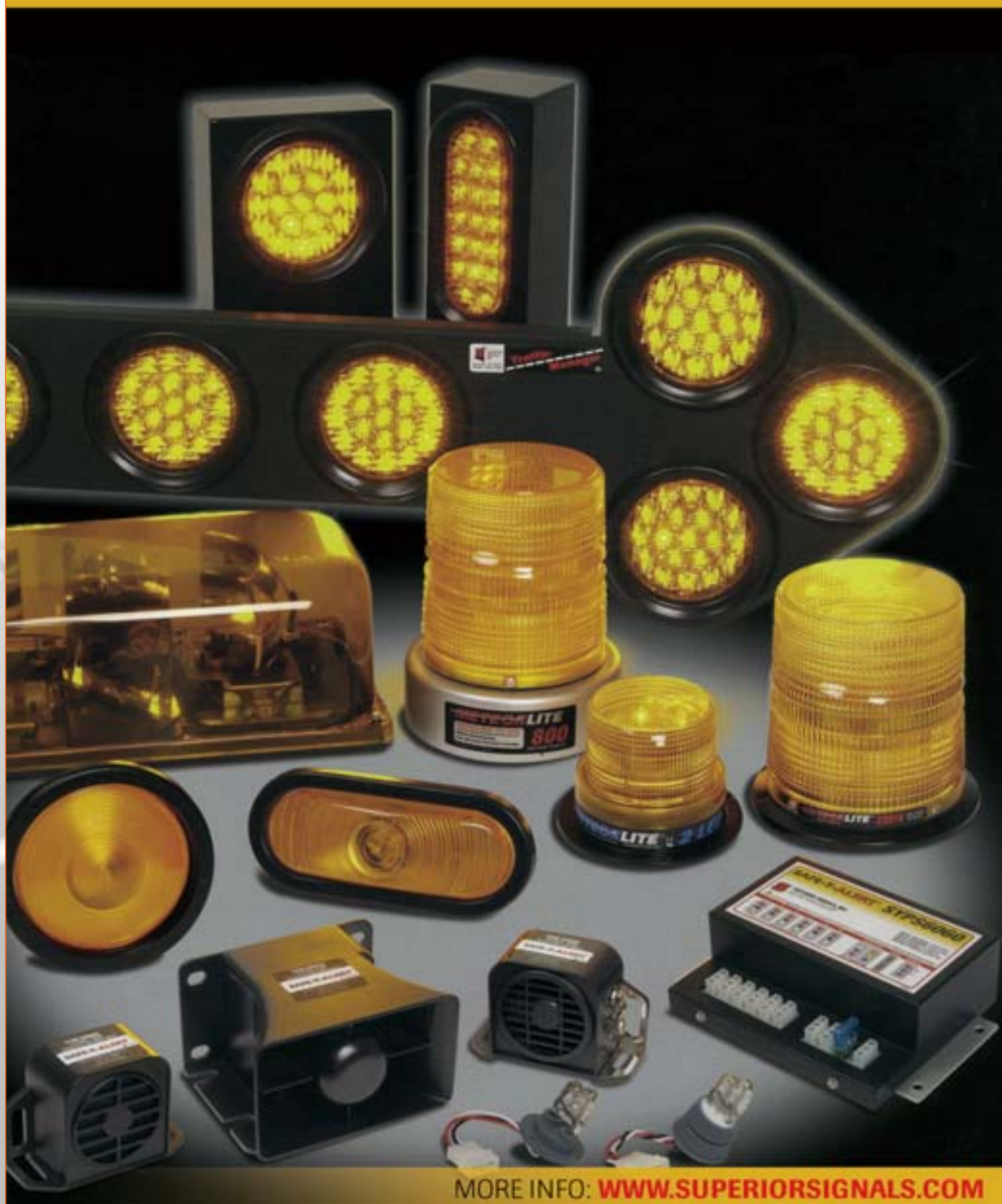
Multi-function, dual tone, audible warning device helps reduce premature battery failure by alerting vehicle operators with a distinct tone to critically low battery voltage conditions. Also functions as a backup alarm and produces 97 decibels.

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.



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

# **S<sup>®</sup>** SUPERIOR SIGNALS, INC.



MORE INFO: [WWW.SUPERIORSIGNALS.COM](http://WWW.SUPERIORSIGNALS.COM)