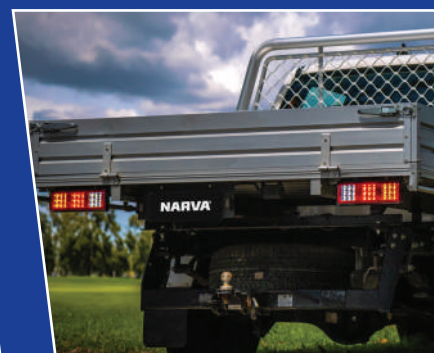


NARVA

OFF HIGHWAY CATALOGUE

Edition 1.1



Welcome to the Off Highway Catalogue!

At Brown & Watson International (BWI), we understand the demanding conditions of the off-highway sector. From construction and mining to agriculture and industrial applications, equipment in this environment must perform with reliability, safety, and efficiency. That's why we've built this catalogue—to showcase a complete range of products specifically engineered to withstand the toughest operating conditions.

This Off Highway Catalogue brings together our most innovative technologies, and practical solutions, ensuring operators, fleet managers, and service professionals have access to the right products when and where they need them. Each product featured here is backed by our commitment to quality, rigorous testing standards, and a deep understanding of real-world off-highway requirements.

Whether you're maintaining heavy machinery, outfitting new equipment, or streamlining operations in the field, our solutions are designed to keep your business moving forward. With decades of expertise and a reputation for reliability, Brown & Watson remains your trusted partner in powering performance, even in the most challenging environments.

ICON GUIDE

Icon	Description	Icon	Description	Icon	Description	Icon	Description
 12/24V	Suitable for 12V and 24V applications	 IP66	as per IP rating diagram	 MARINE VIBRATION RATING	Product is tested to marine standards	 VIBRATION RATING	Product suitable commercial and construction applications
 9-64V	Suitable for 9-64V applications	 IP67	as per IP rating diagram	 LEVEL 3 RADIO SAFE	Radio interference suppressed to Level 3	 VIBRATION RATING	Product suitable for any situation including harsh industrial and mining
 16 HOURS RUN TIME	How long the lamp runs for before recharge is required	 IP68	as per IP rating diagram	 1 SAE CLASS	Approved to SAE Class 1 (Brighted SAE)	 5 YEAR WARRANTY	How long the warranty is
 5700K	Colour of the light emitted by the lamp	 IP67 IP69K	as per IP rating diagram	 ROTATE 1 PATTERN SAE CLASS	Rotating pattern approved to SAE Class 1 (Brighted SAE)	 3 YEAR WARRANTY FOR MINING AND COMMERCIAL USE	3 year warranty when used in mining and commercial applications
 CONNECT+	Compatible with Ultima Connect+ Controller	 IP68 IP69K	as per IP rating diagram	 SALT SPRAY PROTECTED	Protected against salt, preventing corrosion	 10 YEAR NO FAULT WARRANTY	Warranty which includes impact, chemical and UV damage
 DUAL COLOUR	Lamp can function as two different colours	 LIFETIME WARRANTY	The product is warranted for the life of the vehicle it is mounted to	 TORCH FUNCTION	Includes directional torch		

CONTENTS

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MINING - RUBBER TYRE	24
MINING - GROUND ENGAGING	32
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LIGHT VEHICLE	52
MARINE	60

VIBRATION RATING



21 GRMS

OFF-ROAD, COMMERCIAL & CONSTRUCTION



50 GRMS

INDUSTRIAL & MINING – INCLUDING GROUND
ENGAGING EQUIPMENT





AGRICULTURE

Designed for durability and efficiency, our agricultural range supports machinery that keeps farms productive season after season.

From lighting to reverse alarms and power solutions, our products are built to withstand the rigours of the field and deliver reliable performance in all conditions.

APPLICATION GUIDE

TRACTOR



NARVA
EUROTECH II STROBE

NARVA
OPTIMAX BEACON

NARVA
MICROLUX
HYBRID
WORK LIGHT



NARVA
MICROLUX
HYBRID
WORK LIGHT



NARVA
MICROLUX
FLOOD
WORK LIGHT



NARVA
LED WARNING LIGHTS



NARVA
SQUAWK TONE
REVERSE ALARM

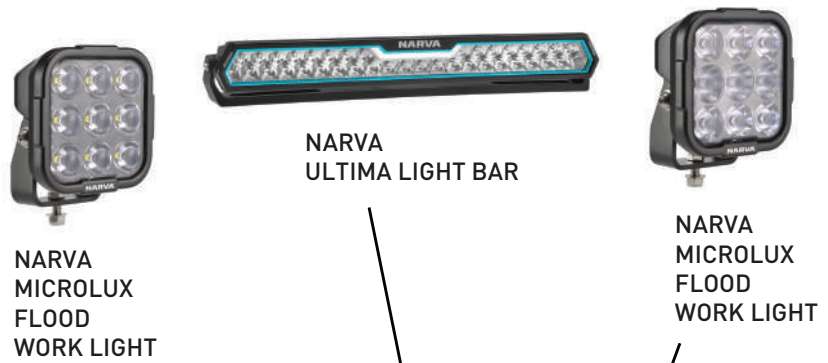


NARVA
STANDARD TONE
REVERSE ALARM



APPLICATION GUIDE

COMBINE HARVESTER





NARVA
EUROTECH II STROBE



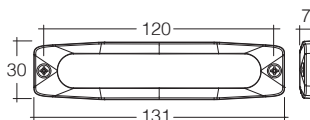
NARVA
MICROLUX
FLOOD
WORK LIGHT



HIGH POWERED LOW PROFILE LED WARNING LIGHTS

85214A

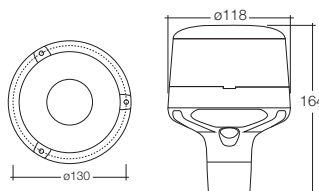
- Versatile and ultra-low profile slimline design
- 23 selectable flash patterns can be alternating or synchronised
- Auto-dim function makes the lamps suitable for night operation
- Supplied with 200mm of pre-wired cables, 3M[®] tape or screws for fixing options



EUROTECH II SHORT PROFILE LED STROBE/ROTATOR

FLEXIBLE POLE MOUNT 85256A-1

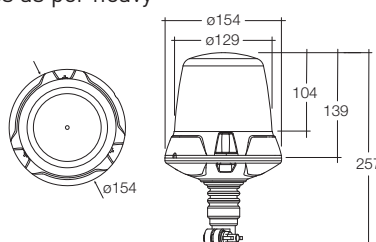
- Flexible pole mount for easy fitment and removal
- Protects beacons against damage from low hanging objects
- Ideal for a range of applications requiring pole/pipe mount warning lights
- Light sensor for automatic day/night switching
- SAE Approved rotating pattern
- ECE R65 Class 2 and Radio Safe Level 4
- Suitable for mounting on oversized vehicles as per heavy vehicle regulation



OPTIMAX LED ROTATING BEACON

FLEXI POLE MOUNT 85666A

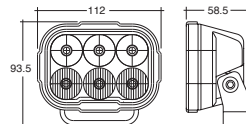
- Flexible pole mount for easy fitment and removal
- Protects beacons against damage from low hanging objects
- Ideal for a wide range of municipal and agricultural applications
- SAE Approved rotating pattern
- ECE R65 Class 2 and Radio Safe Level 3
- Suitable for mounting on oversized vehicles as per heavy vehicle regulation



MICROLUX HEAVY-DUTY WORK LAMP

FLOOD BEAM 3,780Lm **73608**

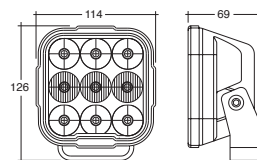
- 60° beam angle for increased illumination close to the vehicle/equipment
- Vibration and shock resistant
- Impressive output for compact size



MICROLUX HEAVY-DUTY WORK LAMP

HYBRID BEAM 2,940Lm **73610**

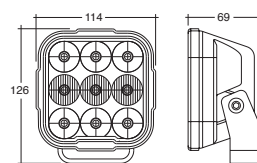
- Hybrid pattern ideal to give some more distance (up to 300m per lamp)
- Ultra compact design ensure extra power in tight areas
- Vibration and shock resistant



MICROLUX HEAVY-DUTY WORK LAMP

FLOOD BEAM 5,670Lm **73612**

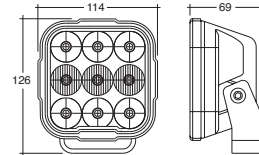
- 60° beam angle for increased illumination close to the vehicle/equipment
- Vibration and shock resistant
- Impressive output for compact size



MICROLUX HEAVY-DUTY WORK LAMP

HYBRID BEAM 4,410Lm **73614**

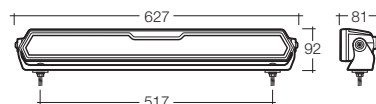
- Hybrid pattern ideal to give some more distance (up to 300m per lamp)
- Ultra compact design ensure extra power in tight areas
- Vibration and shock resistant



ULTIMA LIGHT BAR

ULTRA WIDE FLOOD 18,350Lm **71725BK**

- Wide flood bar ideal for Combine harvesters and other large equipment
- Smooth broad beam ensures you can see the entire field
- Ultra durable with 10 year warranty ensuring fit and forget option
- 750m at 1Lux and 95m beam width



REVERSING ALARMS

FIXED OUTPUT 12V OR 24V DUAL VOLTAGE 97dB **72602**
SQUAWK TONE 12V OR 24V DUAL VOLTAGE 97dB **72642**

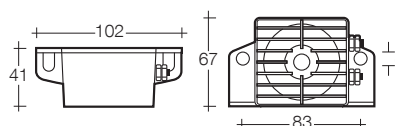
- Ensures safety around plant and equipment
- SAE Approved - which means consistent sound and product quality
- Ultra durable - ideal for just about any conditions



72602



72642



CABLE TIES

NARVA'S CABLE TIES ARE TRUSTED BY O.E MANUFACTURERS. WHAT MAKES NARVA SO TRUSTWORTHY?

- Install easier, lock better and hold up longer
- Narva cable ties won't break when you tighten them and won't hurt your knuckles
- Narva cable ties give long lasting security even against UV and heat

WHAT SETS NARVA CABLE TIES APART?



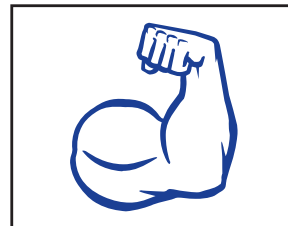
Virgin Nylon 6/6 – ensure the ties do not become brittle



UV-Resistant – they can be used in just about any application indoor, in vehicle or outside



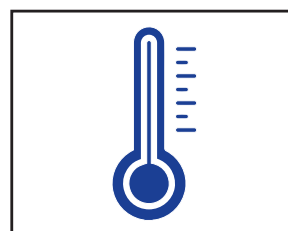
**4 tooth locking mechanism
(Most competitors have just 3)**



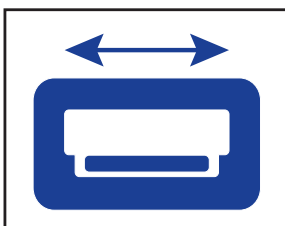
More material than comparable ties, Narva ties weigh more – this means more strength



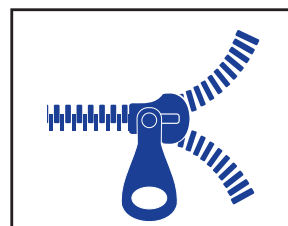
No compatible cable tie has better tensile strength



**Flame resistant with
-100°C to +85°C Degree temperature rating**



Easier to install with wider jaws



Resealable bags – ideal for trade use





CONSTRUCTION

Construction sites demand strength and dependability. Our solutions are engineered to meet the challenges of heavy workloads, harsh environments, and long operating hours—ensuring machinery and vehicles stay safe, visible, and operational.

APPLICATION GUIDE

HEAVY-DUTY LOADER



NARVA
EUROTRONIC
STROBE



NARVA
MICROLUX
HYBRID
WORK LIGHT





TECH HD
E



NARVA
AEROTECH HD
STROBE



NARVA
MICROLUX
FLOOD
WORK LIGHT



NARVA
SELF- ADJUSTING
REVERSE ALARM



NARVA
SQUAWK TONE
REVERSE ALARM



NARVA
LED WARNING LIGHTS

APPLICATION GUIDE

HYDRAULIC SHOVEL



NARVA
TREMOR FLOOD
WORK LAMP





NARVA
TREMOR FLOOD
WORK LAMP



NARVA
TREMOR FLOOD
WORK LAMP



NARVA
TREMOR FLOOD
WORK LAMP



NARVA
AEROTECH HD
STROBE



NARVA
EUROTECH HD
STROBE



NARVA
SAFETY ZONE LIGHTS

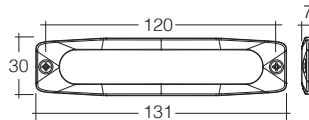


NARVA
LED WARNING LIGHTS

HIGH POWERED LOW PROFILE LED WARNING LIGHTS

85214A

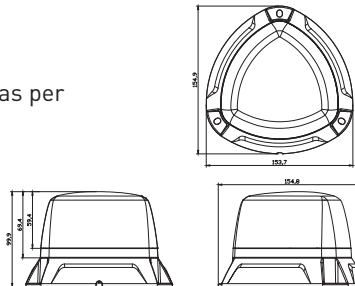
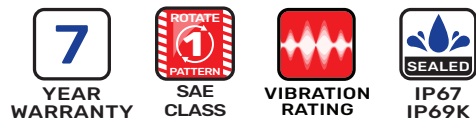
- Versatile and ultra-low profile slimline design
- 23 selectable flash patterns can be alternating or synchronised
- Auto-dim function makes the lamps suitable for night operation
- Supplied with 200mm of pre-wired cables, 3M[®] tape or screws for fixing options



AEROTECH HD SHORT LED STROBE/ROTATOR

FLANGE BASE 85618A

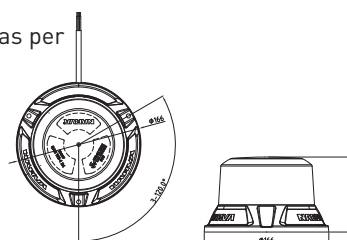
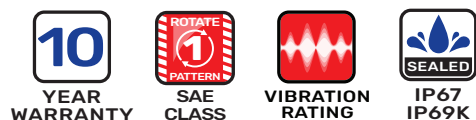
- Ultra bright design suitable for any application in the brightest conditions
- Proven to last → 6 x longer than competitor product on mining equipment
- Night mode ensures workers are not dazzled in low light conditions
- Unique shape provides more visibility with wider light source
- SAE Approved rotating pattern
- ECE R65 Class 2 and Radio Safe Level 3
- Suitable for mounting on oversized vehicles as per heavy vehicle regulation



EUROTECH HD SHORT PROFILE LED STROBE/ROTATOR

FLANGE BASE 85264A

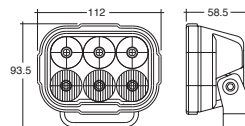
- Super visible in even the brightest conditions
- Light sensor for automatic day/night switching to avoid dazzling workers on site
- SAE Approved rotating pattern
- Maximum RFI suppression
- ECE R65 Class 2 and Radio Safe Level 5
- Suitable for mounting on oversized vehicles as per heavy vehicle regulation



MICROLUX HEAVY-DUTY WORK LAMP

FLOOD BEAM 3,780Lm **73608**

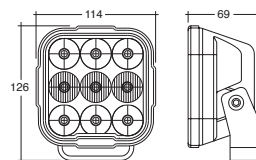
- 60° beam angle for increased illumination close to the vehicle/equipment
- Vibration and shock resistant
- Impressive output for compact size



MICROLUX HEAVY-DUTY WORK LAMP

HYBRID BEAM 2,940Lm **73610**

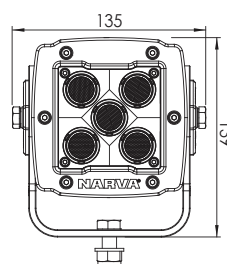
- Hybrid pattern ideal to give some more distance (up to 300m per lamp)
- Ultra compact design ensure extra power in tight areas
- Vibration and shock resistant



TREMOR HEAVY-DUTY WORK LAMP

40° FLOOD BEAM 3,450Lm 30W **73710**

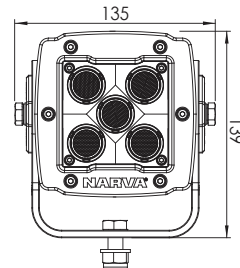
- Current Draw: 1.1A @24V
- Replace any light without worry of re-wiring
- Up to 30% less current draw for the same output the competitor lamps
- Resistant to all environmental factors
- Ensures no down time due to light failures
- 111m beam at 1Lux and 38m beam width



TREMOR HEAVY-DUTY WORK LAMP

40° FLOOD BEAM 4,677Lm 45W **73718**

- Current Draw: 1.75 @24V
- Replace any light without worry of re-wiring
- Up to 30% more output vs lamps with the same current draw
- Resistant to all environmental factors
- Ensures no down time due to light failures
- 132m beam at 1Lux and 38m beam width

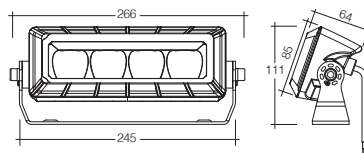


73718

RED LED SAFETY ZONE LAMP

72705

- Current Draw: 0.9A @24V
- Designed to increase safety on heavy equipment
- Produces red 'exclusion zone' around the machine to warn workers
- Ultra durable design ideal for harsh environments
- 4 units required per vehicle



REVERSING ALARMS

SELF-ADJUSTING 12V OR 24V DUAL VOLTAGE 87-112dB **72616**

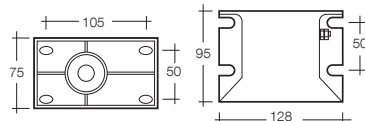
SQUAWK TONE 12V OR 24V DUAL VOLTAGE 102dB **72644**

- Self adjusting matches output just above ambient temp
- Ensures safety around plant and equipment
- Ultra durable - ideal for just about any conditions

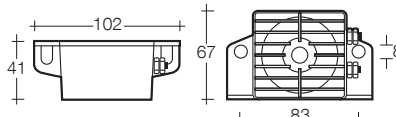


72616

72616



72644



72644



EUROTECH II LED STROBES

10
YEAR
WARRANTY

BUILD FOR DURABILITY, SAFETY & VERSATILITY

Experience the next generation in vehicle-mounted warning lights. Eurotech II has been engineered to perform in the toughest conditions, offering unmatched durability, safety, and versatility. With six models in the range, there's a Eurotech II solution for every vehicle and every application



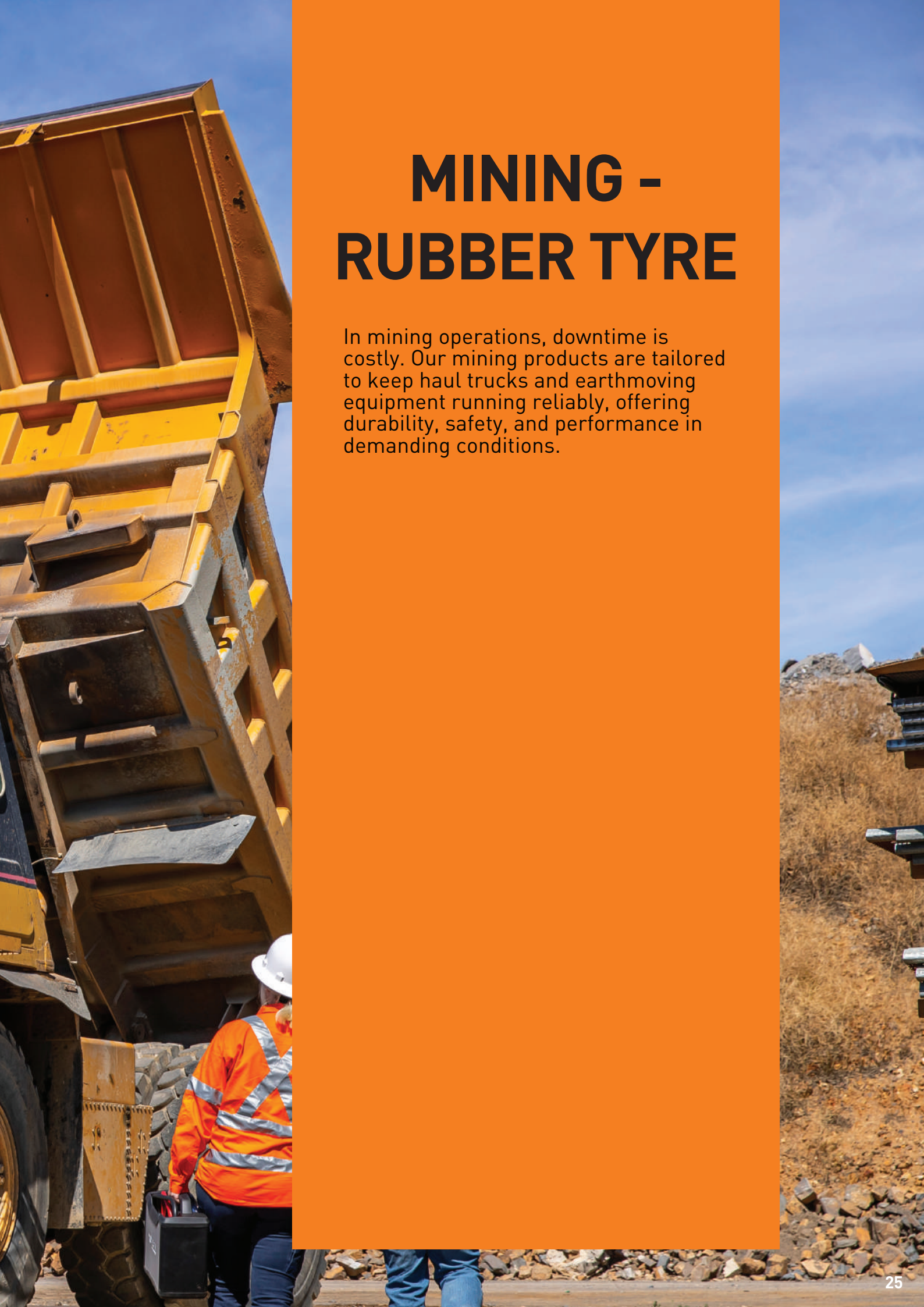
Key Features

- SAE Class 1 Approved rotate pattern
- Light sensor for automatic day/night switching
- Multiple mounting options – flange, magnetic, and pole mount
- Heavy-duty polycarbonate lens and base for long-lasting performance
- Market-leading pursuit-grade magnets for the most secure hold on any vehicle

Whether you're fitting out a utility vehicle, heavy-duty truck, or fleet application, Eurotech II delivers confidence, compliance, and reliability. With sizes and mounting solutions to suit any need, it's the range that adapts to your world.





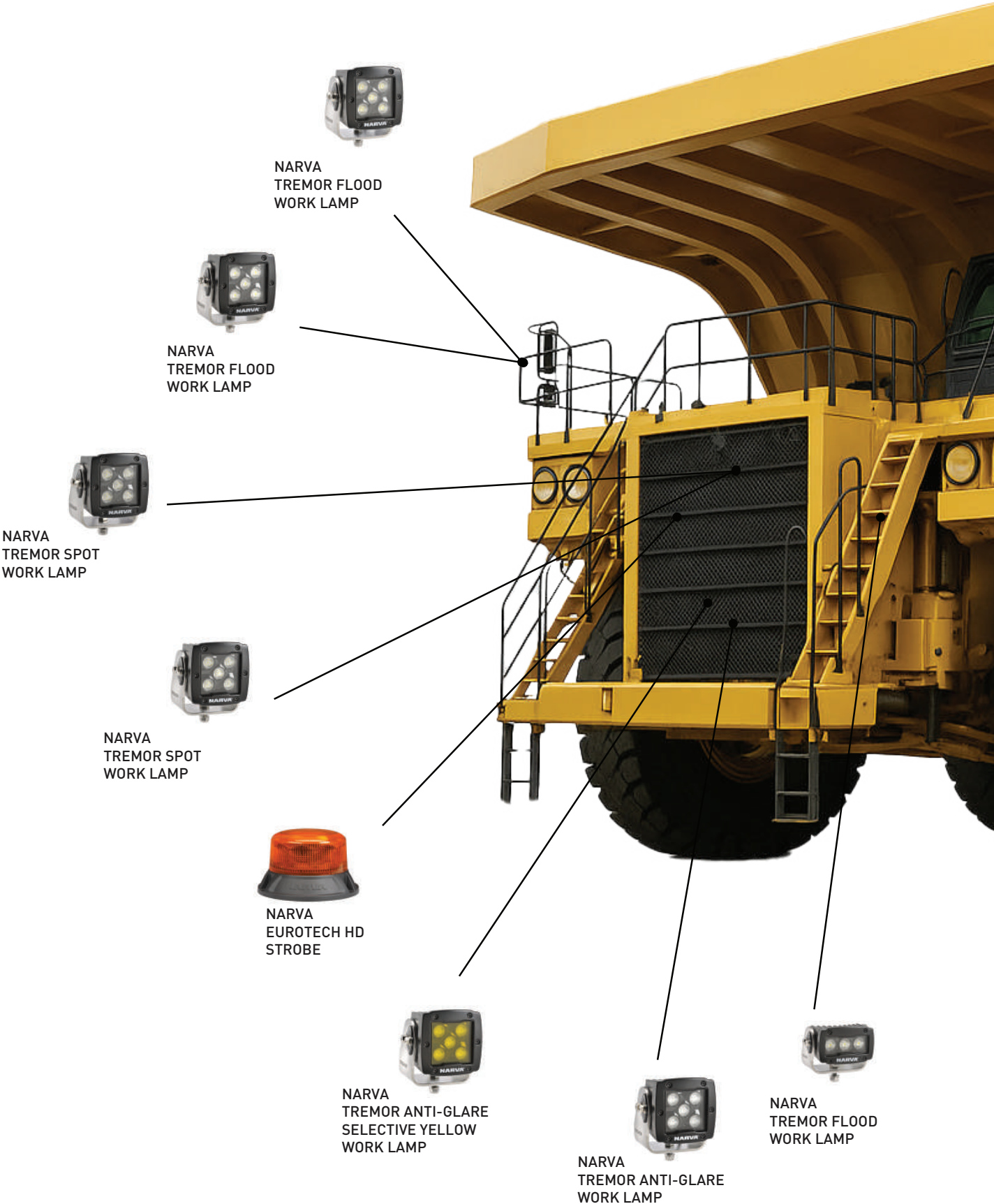


MINING - RUBBER TYRE

In mining operations, downtime is costly. Our mining products are tailored to keep haul trucks and earthmoving equipment running reliably, offering durability, safety, and performance in demanding conditions.

APPLICATION GUIDE

HAUL TRUCK





NARVA
SQUAWK TONE
REVERSE ALARM



NARVA
SELF-ADJUSTING
REVERSE ALARM



NARVA
TREMOR FLOOD
WORK LAMP



NARVA
TREMOR FLOOD
WORK LAMP



NARVA
TREMOR FLOOD
WORK LAMP

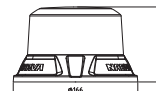
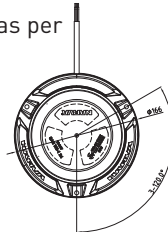


NARVA
TREMOR FLOOD
WORK LAMP

EUROTECH HD SHORT PROFILE LED STROBE/ROTATOR

FLANGE BASE **85264A**

- Super visible in even the brightest conditions
- Light sensor for automatic day/night switching to avoid dazzling workers on site
- SAE Approved rotating pattern
- Maximum RFI suppression
- ECE R65 Class 2 and Radio Safe Level 5
- Suitable for mounting on oversized vehicles as per heavy vehicle regulation



REVERSING ALARMS

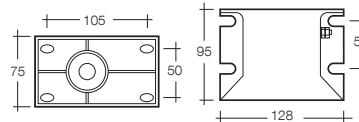
SELF-ADJUSTING 12V OR 24V DUAL VOLTAGE 87-112dB **72616**
SQUAWK TONE 12V OR 24V DUAL VOLTAGE 102dB **72644**

- Self adjusting matches output just above ambient temp
- Ensures safety around plant and equipment
- Ultra durable - ideal for just about any conditions



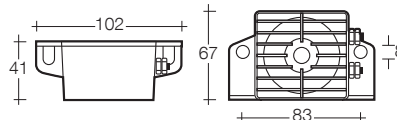
72616

72616



72644

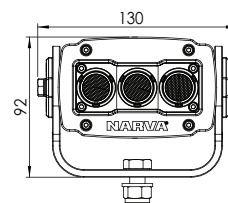
72644



TREMOR HEAVY-DUTY WORK LAMP

FLOOD BEAM **73700**

- Current Draw: 0.7A @24V
- Replace any light without worry of re-wiring
- Resistant to all environmental factors
- Ensures no down time due to light failures
- 81m beam at 1Lux and 26m beam width



YEAR
WARRANTY
FOR MINING AND
COMMERCIAL USE



VIBRATION
RATING



RADIO
SAFE



IP68
IP69K

TREMOR HEAVY-DUTY WORK LAMP

40° FLOOD BEAM 3,450Lm 30W **73710**

40° FLOOD BEAM 4,677Lm 45W **73718**

- Current Draw: 1.1A @24V (73710) | 1.75 @24V (73718)
- Replace any light without worry of re-wiring
- Up to 30% less current draw for the same output the competitor lamps (73710)
- Or up to 30% more output vs lamps with the same current draw (73718)
- Resistant to all environmental factors
- Ensures no down time due to light failures
- 111m beam at 1Lux and 38m beam width (73710)
- 132m beam at 1Lux and 38m beam width (73718)



3
YEAR
WARRANTY
FOR MINING AND
COMMERCIAL USE



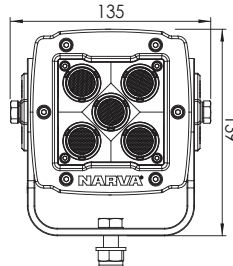
**VIBRATION
RATING**



**RADIO
SAFE**



**SEALED
IP68
IP69K**



73710



73718

TREMOR HEAVY-DUTY WORK LAMP

25° SPOT BEAM 3,174Lm 30W **73712**

25° SPOT BEAM 4,999Lm 45W **73716**

- Current Draw: 1.1A @24V (73712) | 1.75 @24V (73716)
- Ideal high beam lamp for haul trucks and other large equipment
- Replace any light without worry of re-wiring
- Up to 30% less current draw for the same output the competitor lamps
- Resistant to all environmental factors
- Ensures no down time due to light failures
- 138m beam at 1Lux and 32m beam width (73712)
- 158m beam at 1Lux and 32m beam width (73716)



3
YEAR
WARRANTY
FOR MINING AND
COMMERCIAL USE



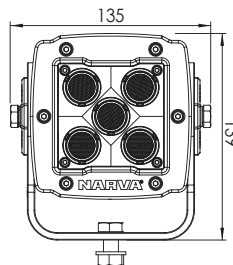
**VIBRATION
RATING**



**RADIO
SAFE**



**SEALED
IP68
IP69K**



73712



73716

TREMOR HEAVY-DUTY WORK LAMP

ANTI-GLARE BEAM 2,002Lm 30W **73714**

ANTI-GLARE SELECTIVE YELLOW BEAM 1,618Lm 30W **73714Y**

- Current Draw: 1.1A @24V
- Designed as low beam headlight for haul trucks and other large equipment
- Anti-Glare Technology ensures maximum light where it is required, without getting in other drivers eyes
- Selective Yellow option for optimal visibility in adverse conditions in particular dust on all beam patterns
- Resistant to all environmental factors and ensures no down time due to light failures
- 142m beam at 1Lux and 42m beam width (73714)
- 120m beam at 1Lux and 36m beam width (73714Y)



3
YEAR
WARRANTY
FOR MINING AND
COMMERCIAL USE



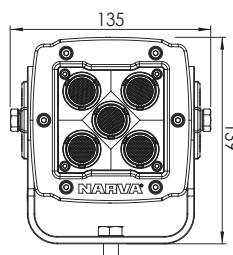
**VIBRATION
RATING**



**RADIO
SAFE**



**SEALED
IP68
IP69K**



73714



73714Y

TREMOR HEAVY-DUTY WORK LAMPS



GEAR YOU TRUST, NOT REPLACE.

Key Benefits

- No need to re-engineer equipment to get better safety outcomes (more light)
- Less downtime to replace electrical components and damaged lights
- Running cost efficiencies due to reduced power consumption
- Selective Yellow – reduces glare and cuts through dust
- Plug-and-play replacement – no re-wiring needed

World-Leading Efficiency

- Up to 123 lm/Watt – far beyond the industry average (~80 lm/W)
- 30% more light at the same current draw or 30% less current draw for the same light output
- All flood lamps exceed 100 lm/W
- Protects alternators & electrical systems by reducing heat and load
- Ideal for machines with 10+ lamps on thin wiring harnesses

Forward Rake Bracket

- Mounts securely to reduce vibration
- Extreme adjustment angles for versatile applications
- Ensures stable, consistent lighting shift after shift





3

YEAR
WARRANTY
FOR MINING AND
COMMERCIAL USE

Unmatched Durability

- Grilamid® lens – extreme impact & chemical resistance
- Urethane dampener – stronger, longer-lasting than rubber
- IP68 & IP69K rated – dustproof, waterproof, high-pressure washdown ready
- Salt-spray tested – proven resistance to corrosion

Smarter Electrical Design

- Dedicated positive & negative leads (no chassis grounding)
- Prevents galvanic corrosion, stray currents, and ground loops
- Reduces electrical noise for CAN bus & sensitive electronics

Precision Installation

- Protractor pitch system – precise aiming, repeatable across fleets
- Works with light maps to guarantee optimal coverage & safety



A Program for Every Application

- Beam Patterns:
 - **40° Flood** – wide-area illumination
 - **25° Spot** – long-distance coverage
 - **Anti-Glare** – reduced operator fatigue
 - **Drift Strobe** – projects on the back (roof) ahead of and behind the equipment
 - **Selective Yellow** variants – better visibility in dust
- Configurations:
 - **3 LED** – compact, access ladders, engine bays
 - **5 LED** – versatile, haul trucks & general use
 - **8 LED** – high output for shovels & oversized plant





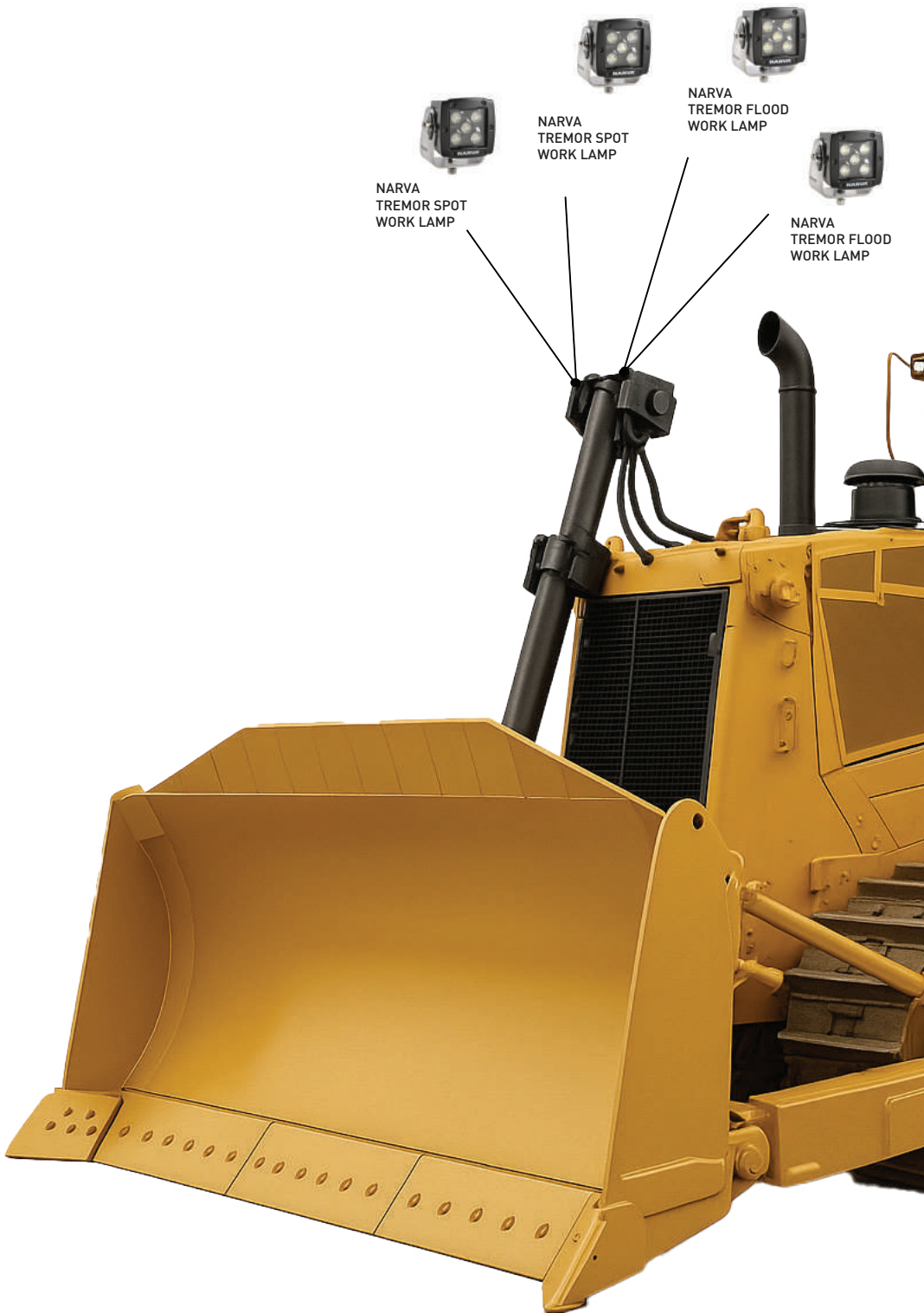


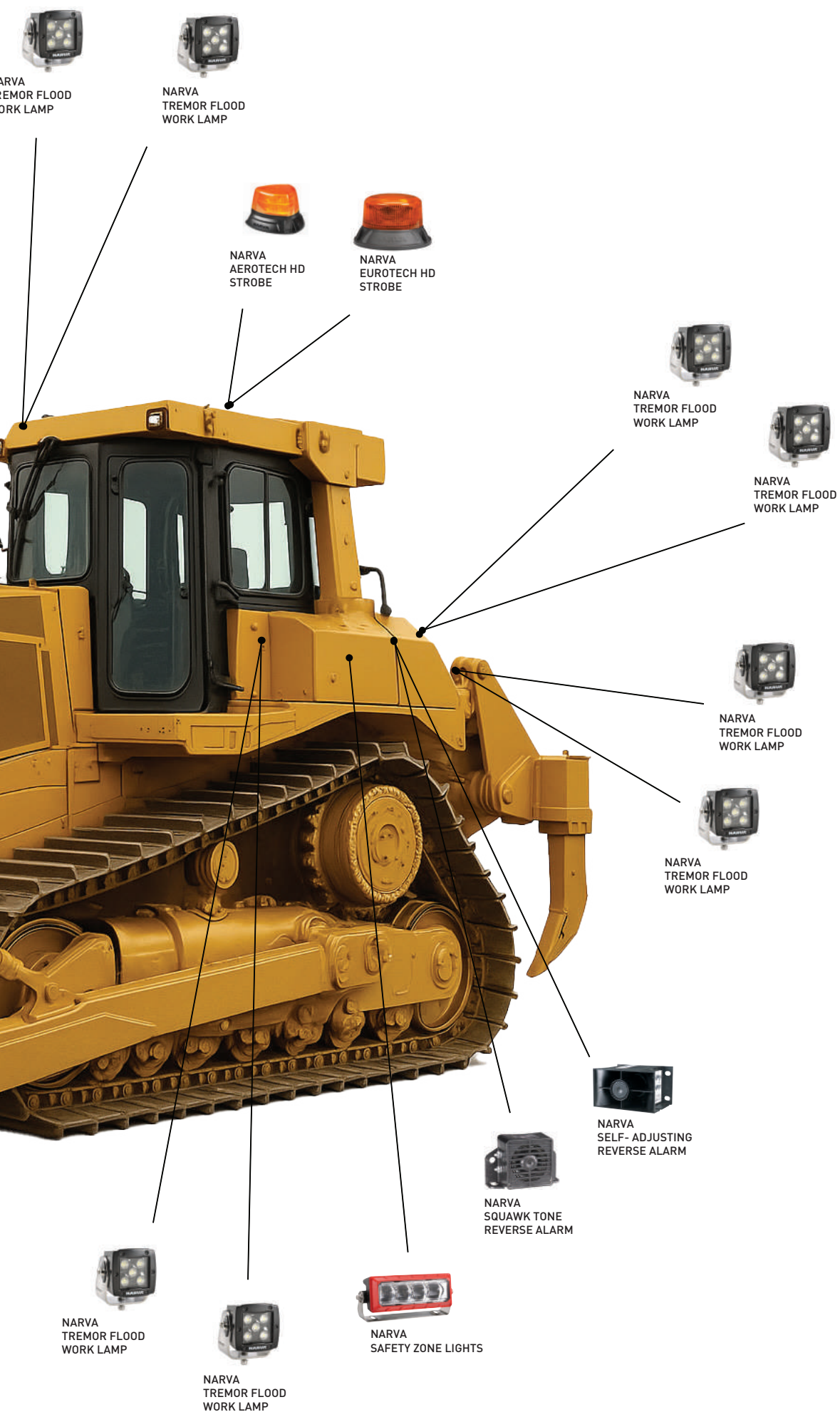
MINING - GROUND ENGAGING

Ground engaging machinery works at the toughest frontlines of mining. Our solutions are built to handle intense impact, abrasion, and continuous operation—helping operators maximise productivity while minimising wear.

APPLICATION GUIDE

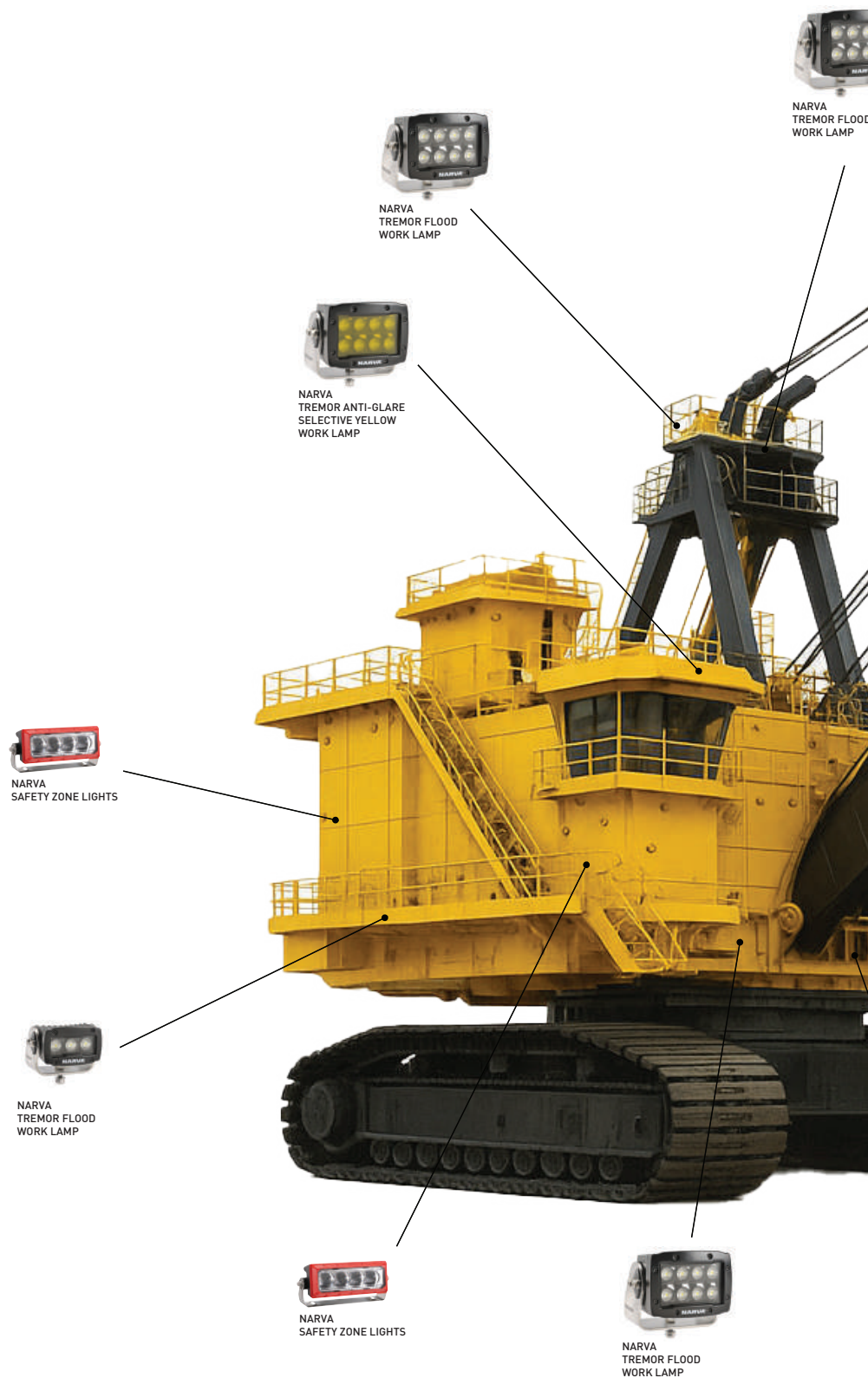
HEAVY-DUTY DOZER





APPLICATION GUIDE

ROPE SHOVEL



NARVA
TREMOR FLOOD
WORK LAMP

NARVA
TREMOR FLOOD
WORK LAMP

NARVA
TREMOR ANTI-GLARE
SELECTIVE YELLOW
WORK LAMP

NARVA
SAFETY ZONE LIGHTS

NARVA
TREMOR FLOOD
WORK LAMP

NARVA
SAFETY ZONE LIGHTS

NARVA
TREMOR FLOOD
WORK LAMP



NARVA
AEROTECH HD
STROBE



NARVA
EUROTECH HD
STROBE



NARVA
TREMOR FLOOD
WORK LAMP



NARVA
SAFETY ZONE LIGHTS



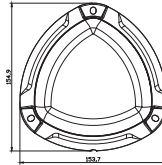
NARVA
TREMOR FLOOD
WORK LAMP

AEROTECH HD LED STROBE/ROTATOR

SHORT FLANGE BASE **85618A**

TALL FLANGE BASE **85620A**

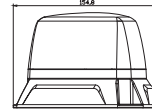
- Ultra bright design suitable for any application in the brightest conditions, while night mode ensures workers are not dazzled in low light conditions
- Proven to last → 6 x longer than competitor product on mining equipment
- Unique shape provides more visibility with wider light source
- SAE Approved rotating pattern
- ECE R65 Class 2 and Radio Safe Level 3
- Suitable for mounting on oversized vehicles as per heavy vehicle regulation



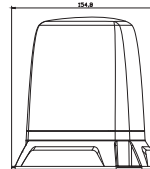
85618A



85620A



85618A



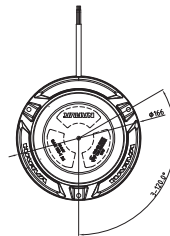
85620A

EUROTECH HD PROFILE LED STROBE/ROTATOR

SHORT FLANGE BASE **85264A**

TALL FLANGE BASE **85268A**

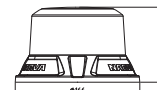
- Super visible in even the brightest conditions
- Light sensor for automatic day/night switching to avoid dazzling workers on site
- SAE Approved rotating pattern
- Maximum RFI suppression
- ECE R65 Class 2 and Radio Safe Level 5
- Suitable for mounting on oversized vehicles as per heavy vehicle regulation



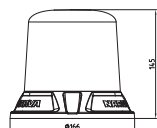
85264A



85268A



85264A



85268A

REVERSING ALARMS

SELF-ADJUSTING 12V OR 24V DUAL VOLTAGE 87-112dB **72616**

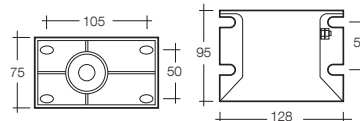
SQUAWK TONE 12V OR 24V DUAL VOLTAGE 102dB **72644**

- Self adjusting matches output just above ambient temp
- Ensures safety around plant and equipment
- Ultra durable - ideal for just about any conditions

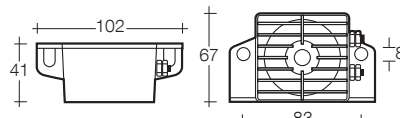


72616

72616



72644



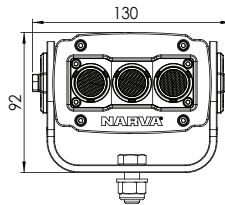
72644



TREMOR HEAVY-DUTY WORK LAMP

FLOOD BEAM 73700

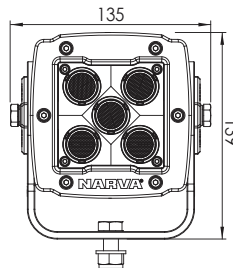
- Current Draw: 0.7A @24V
- Replace any light without worry of re-wiring
- Resistant to all environmental factors
- Ensures no down time due to light failures
- 81m beam at 1Lux and 26m beam width



TREMOR HEAVY-DUTY WORK LAMP

40° FLOOD BEAM 3,450Lm 30W 73710

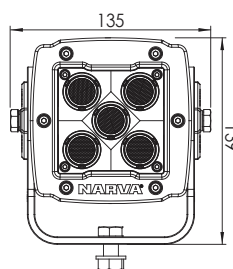
- Current Draw: 1.1A @24V
- Replace any light without worry of re-wiring
- Up to 30% less current draw for the same output the competitor lamps
- Resistant to all environmental factors
- Ensures no down time due to light failures
- 111m beam at 1Lux and 38m beam width



TREMOR HEAVY-DUTY WORK LAMP

40° FLOOD BEAM 4,677Lm 45W 73718

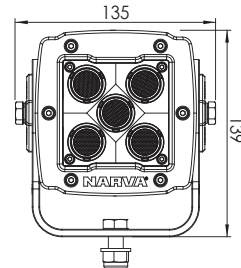
- Current Draw: 1.75 @24V
- Replace any light without worry of re-wiring
- Up to 30% more output vs lamps with the same current draw
- Resistant to all environmental factors
- Ensures no down time due to light failures
- 132m beam at 1Lux and 38m beam width



TREMOR HEAVY-DUTY WORK LAMP

25° SPOT BEAM 3,174Lm 30W **73712**

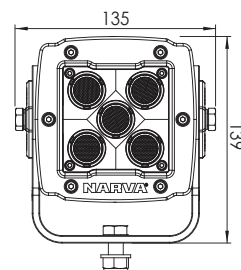
- Current Draw: 1.1A @24V
- Ideal high beam lamp for haul trucks and other large equipment
- Replace any light without worry of re-wiring
- Up to 30% less current draw for the same output the competitor lamps
- Resistant to all environmental factors
- Ensures no down time due to light failures
- 138m beam at 1Lux and 32m beam width



TREMOR HEAVY-DUTY WORK LAMP

25° SPOT BEAM 4,999Lm 45W **73716**

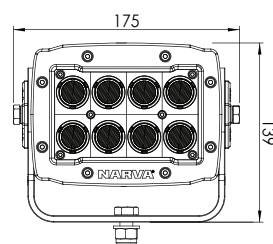
- Current Draw: 1.75 @24V (73716)
- Ideal high beam lamp for haul trucks and other large equipment
- Replace any light without worry of re-wiring
- Up to 30% less current draw for the same output the competitor lamps
- Resistant to all environmental factors
- Ensures no down time due to light failures
- 158m beam at 1Lux and 32m beam width



TREMOR HEAVY-DUTY WORK LAMP

40° FLOOD BEAM 5,886Lm 48W **73722**

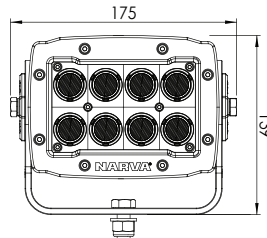
- Current Draw: 1.8A @24V
- Replace any light without worry of re-wiring
- Resistant to all environmental factors
- Ensures no down time due to light failures
- 136m beam at 1Lux and 44m beam width



TREMOR HEAVY-DUTY WORK LAMP

40° FLOOD BEAM 7,820Lm 72W **73728**

- Current Draw: 2.8A @24V
- Replace any light without worry of re-wiring
- Resistant to all environmental factors
- Ensures no down time due to light failures
- 158m beam at 1Lux and 60m beam width



3
YEAR
WARRANTY
FOR MINING AND
COMMERCIAL USE



**VIBRATION
RATING**



**RADIO
SAFE**

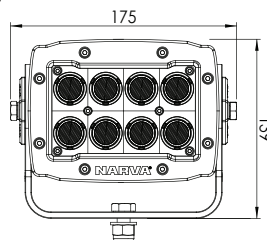


**IP68
IP69K**

TREMOR HEAVY-DUTY WORK LAMP

40° FLOOD BEAM 2,602Lm 48W **73724Y**

- Current Draw: 1.8A @24V
- Designed as low beam headlight for haul trucks and other large equipment
- Anti-Glare Technology ensures maximum light where it is required, without getting in other drivers eyes
- Selective Yellow option for optimal visibility in adverse conditions in particular dust on all beam patterns
- Resistant to all environmental factors and ensures no down time due to light failures
- 213m beam at 1Lux and 48m beam width



3
YEAR
WARRANTY
FOR MINING AND
COMMERCIAL USE



**VIBRATION
RATING**



**RADIO
SAFE**



**IP68
IP69K**

RED LED SAFETY ZONE LAMP

72705

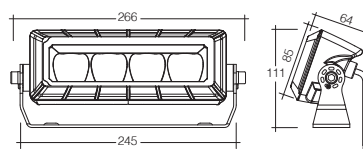
- Current Draw: 0.9A @24V
- Designed to increase safety on heavy equipment
- Produces red 'exclusion zone' around the machine to warn workers
- Ultra durable design ideal for harsh environments
- 4 units required per vehicle



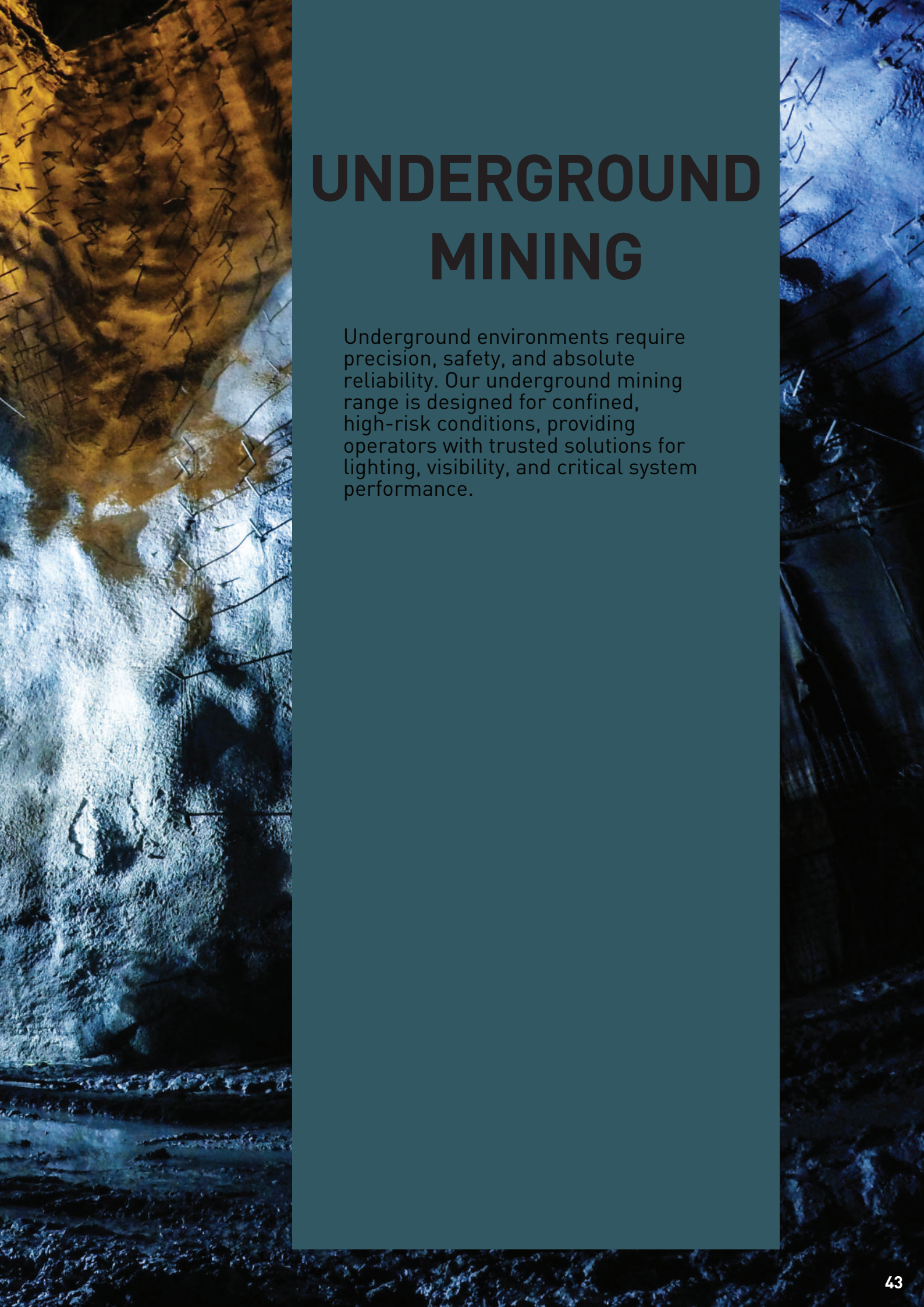
9-64V



**IP68
IP69K**





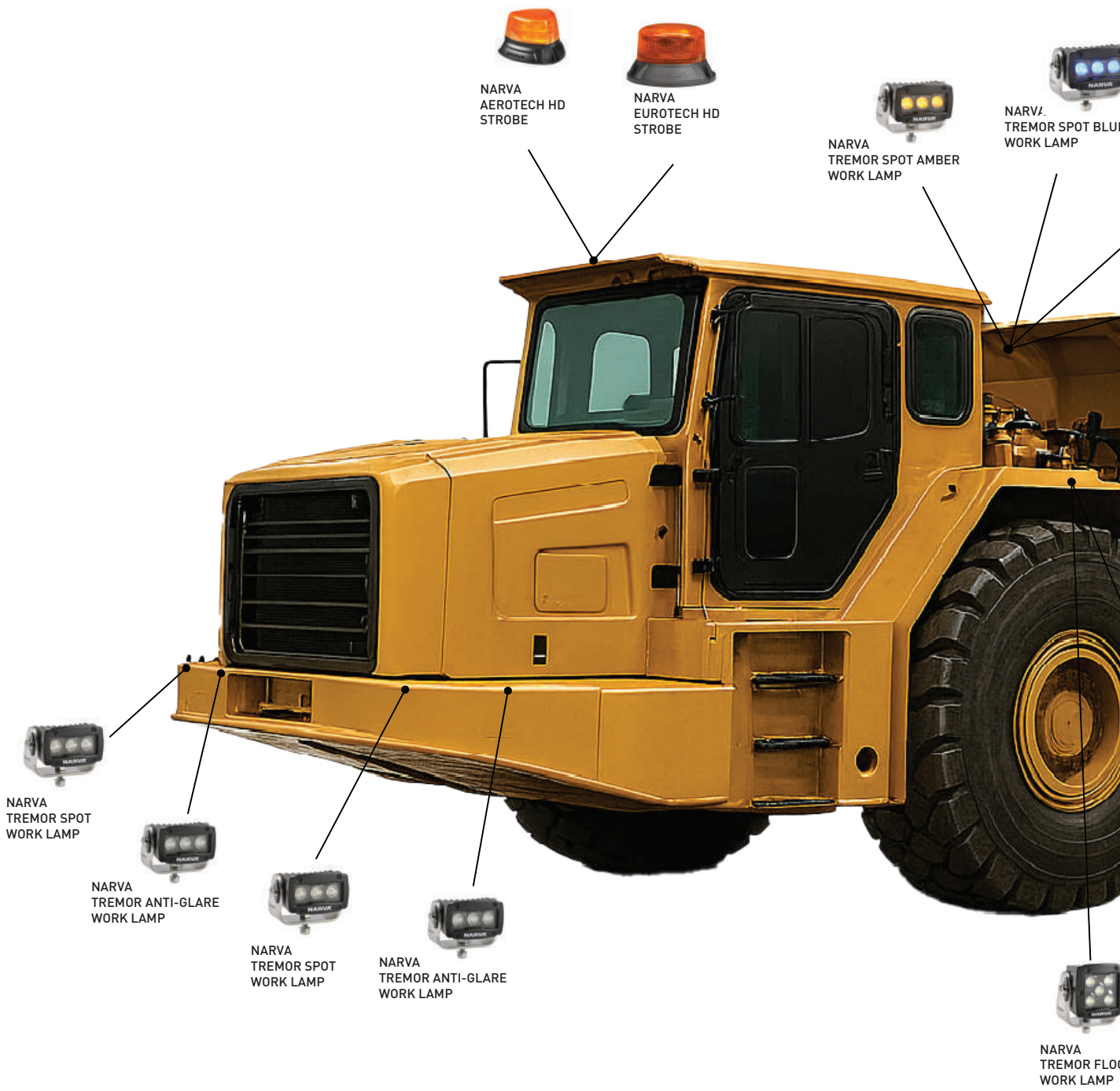
The background of the page is a composite image of an underground mining environment. On the left, there is a vertical strip showing a rock face with a grid of metal mesh and some water or moisture. On the right, there is another vertical strip showing a dark, rocky tunnel with some equipment or structures visible in the distance. The central part of the page is a solid dark teal color where the text is located.

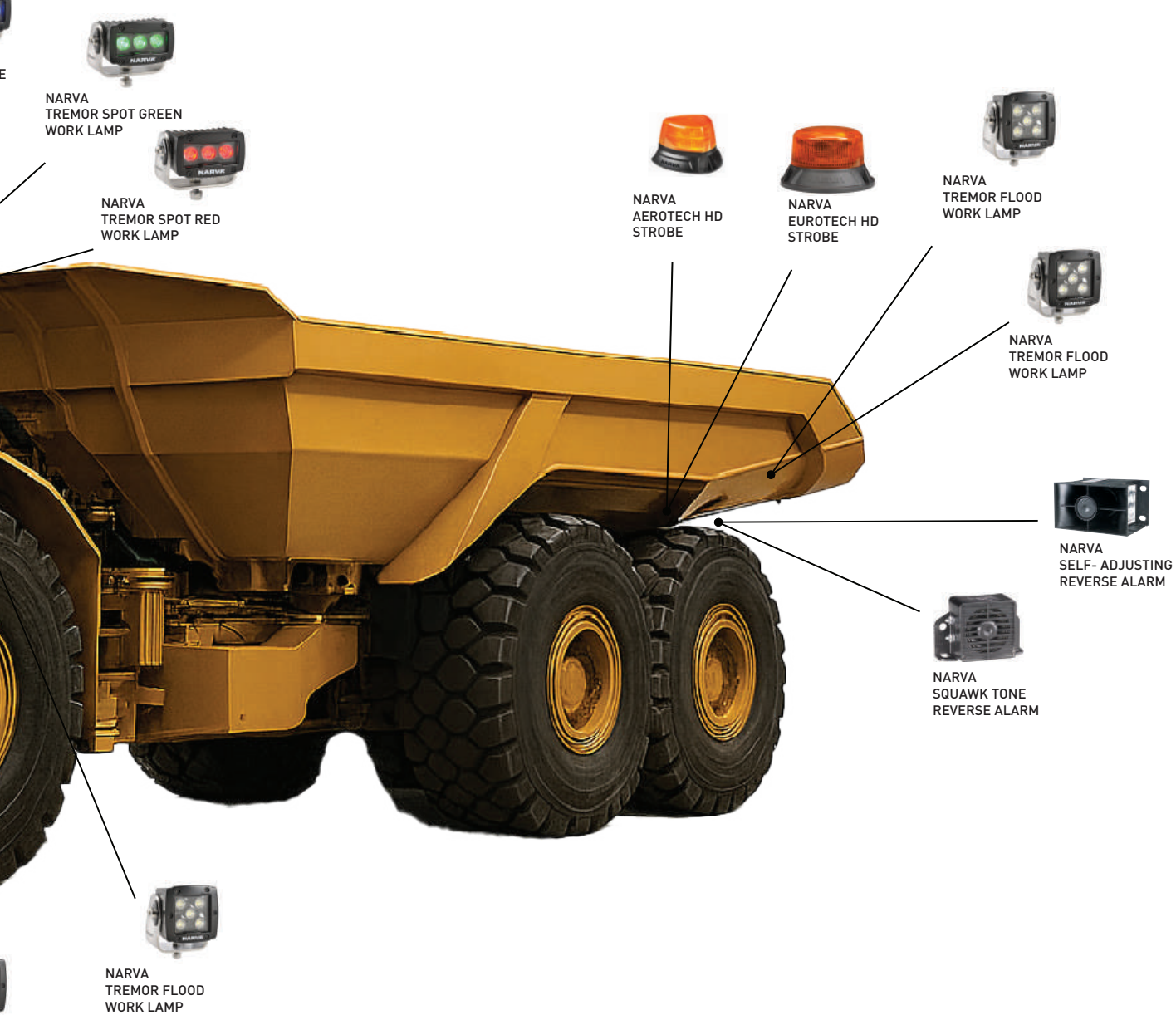
UNDERGROUND MINING

Underground environments require precision, safety, and absolute reliability. Our underground mining range is designed for confined, high-risk conditions, providing operators with trusted solutions for lighting, visibility, and critical system performance.

APPLICATION GUIDE

UNDERGROUND ARTICULATED DUMP TRUCK

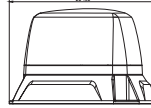
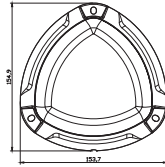
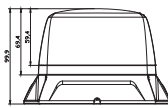




AEROTECH HD SHORT LED STROBE/ROTATOR

FLANGE BASE **85618A**

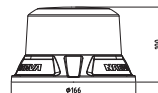
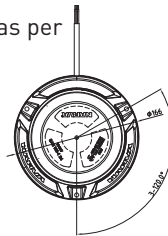
- Ultra bright design suitable for any application in the brightest conditions
- Proven to last → 6 x longer than competitor product on mining equipment
- Night mode ensures workers are not dazzled in low light conditions
- Unique shape provides more visibility with wider light source
- SAE Approved rotating pattern
- ECE R65 Class 2 and Radio Safe Level 3
- Suitable for mounting on oversized vehicles as per heavy vehicle regulation



EUROTECH HD SHORT PROFILE LED STROBE/ROTATOR

FLANGE BASE **85264A**

- Super visible in even the brightest conditions
- Light sensor for automatic day/night switching to avoid dazzling workers on site
- SAE Approved rotating pattern
- Maximum RFI suppression
- ECE R65 Class 2 and Radio Safe Level 5
- Suitable for mounting on oversized vehicles as per heavy vehicle regulation



REVERSING ALARMS

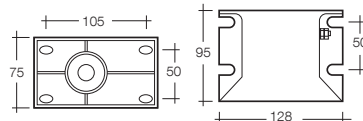
SELF-ADJUSTING 12V OR 24V DUAL VOLTAGE 87-112dB **72616**
SQUAWK TONE 12V OR 24V DUAL VOLTAGE 102dB **72644**

- Self adjusting matches output just above ambient temp
- Ensures safety around plant and equipment
- Ultra durable - ideal for just about any conditions

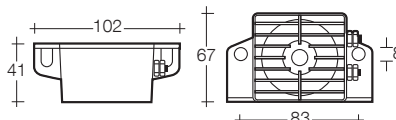


72616

72616



72644



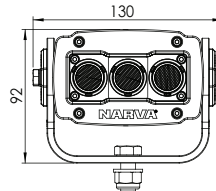
72644



TREMOR HEAVY-DUTY WORK LAMP

ANTI-GLARE BEAM 73704

- Current Draw: 0.7A @24V
- Designed as low beam headlight for haul trucks and other large equipment
- Anti-Glare Technology ensures maximum light where it is required, without getting in other drivers eyes
- Replace any light without worry of re-wiring
- Resistant to all environmental factors
- Ensures no down time due to light failures



TREMOR HEAVY-DUTY WORK LAMP

AMBER DRIFT STROBE 9W 72705A

BLUE DRIFT STROBE 9W 72705B

GREEN DRIFT STROBE 9W 72705G

RED DRIFT STROBE 9W 72705R

- Current Draw: 0.35A @24V
- Designed to project on the back (roof in normal terms) ahead of and behind the equipment
- Gives operators more notice to other equipment in the drift (tunnel) to assist with collision avoidance.
- Resistant to all environmental factors
- Ensures no down time due to light failures



72705A



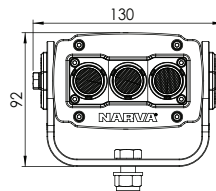
72705B



72705G



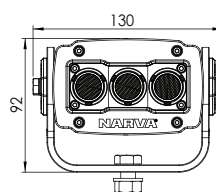
72705R



TREMOR HEAVY-DUTY WORK LAMP

25° SPOT BEAM 73702

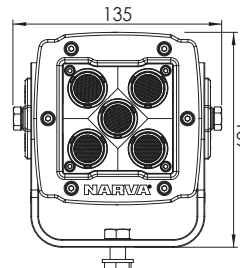
- Current Draw: 0.7A @24V
- Ideal high beam lamp for equipment
- Replace any light without worry of re-wiring
- Up to 30% less current draw for the same output the competitor lamps
- Resistant to all environmental factors
- Ensures no down time due to light failures
- 109m beam at 1Lux and 20m beam width



TREMOR HEAVY-DUTY WORK LAMP

40° FLOOD BEAM 3,450Lm 30W **73710**

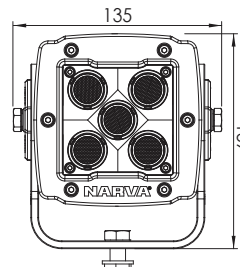
- Current Draw: 1.1A @24V
- Replace any light without worry of re-wiring
- Up to 30% less current draw for the same output the competitor lamps
- Resistant to all environmental factors
- Ensures no down time due to light failures
- 111m beam at 1Lux and 38m beam width



TREMOR HEAVY-DUTY WORK LAMP

40° FLOOD BEAM 4,677Lm 45W **73718**

- Current Draw: 1.75 @24V
- Replace any light without worry of re-wiring
- Up to 30% more output vs lamps with the same current draw
- Resistant to all environmental factors
- Ensures no down time due to light failures
- 132m beam at 1Lux and 38m beam width



HEAT SHRINK TUBING

- Flame-retardant/self-extinguishing polyolefin, making it suitable for most automotive applications
- Dual wall heatshrink combines an increased wall thickness with adhesive to create an increased level of strain relief not achievable with standard heatshrink tubing
- The use of adhesive also creates a waterproof seal



Select the correct size heatshrink for your application



Once crimping is complete, apply heat to the tubing. (The 56392BL heat gun is recommended)



The tubing shrinks firmly around the application. When using **Dual Wall**, an adhesive is released (as shown) to increase the strain relief and create a waterproof seal

CORRUGATED TUBING

- Narva's range of UV-resistant corrugated tubing offers an efficient and professional solution for protecting wiring from the elements
- Suitable for applications including dangerous goods (DG) vehicles and the mining industry
- Polypropylene split sleeve tubing for general applications
- Non-split nylon tubing for heavy-duty, high-temperature environments
- Excellent chemical resistance



TERMINALS

- The Narva terminal range features a wide range of products to suit just about any workshop applications.
- The range has been developed over 40 years to ensure all key products are covered
- Terminals come in clear trade boxes are designed by Narva to make use in workshops easier. Boxes nest into each other for easy stacking and easy to read labels for quick identification



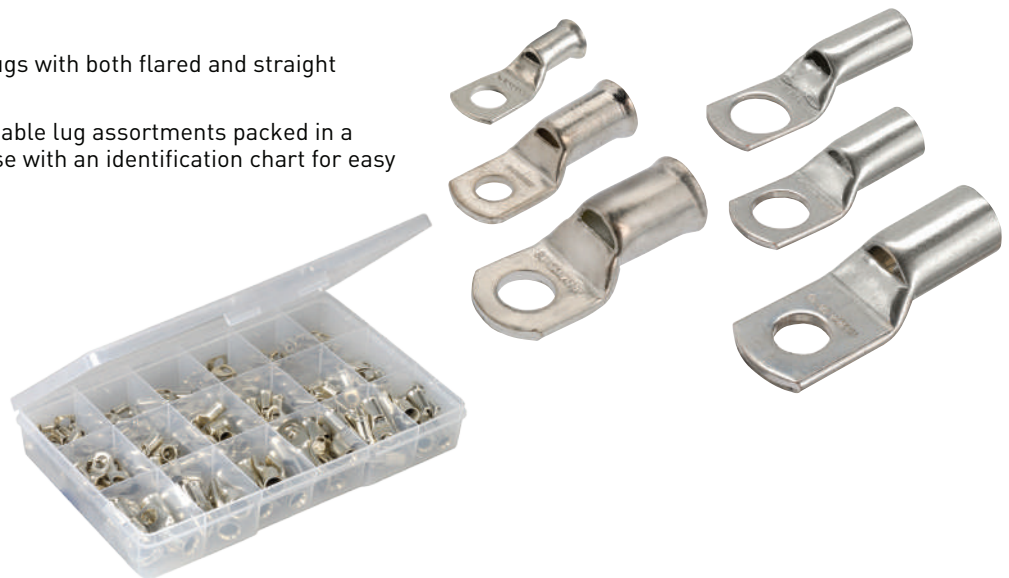
FUSES & FUSE HOLDERS

- Fuses protect valuable appliances e.g. Lights, Chargers, Inverters etc. within a vehicle as well as the vehicles wiring system
- Narva provides the convenience of fuse assortments housed in durable transparent plastic cases to ensure you're prepared for any situation
- An extensive range of fuse options, including the ANM and Bolt-Down battery fuses, as well as the popular ANS, ANL and ANG ranges
- Narva's range of fuse holders and boxes continues to expand, offering one of the largest selections on the market.
- Manufactured to the highest quality standard
- In-line fuse holders incorporating convenient LED indicators to enable quick fault detection, 'Add-A-Circuit' fuse holders and premium fuse block and fuse box options



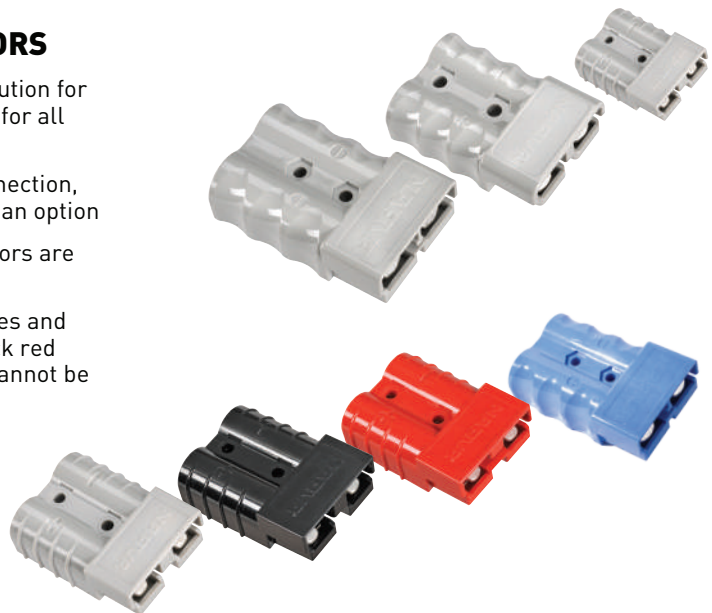
LUGS

- Premium cable lugs with both flared and straight barrels
- With convenient cable lug assortments packed in a quality plastic case with an identification chart for easy re-ordering



HEAVY-DUTY BATTERY CONNECTORS

- Heavy-Duty Connectors are the perfect solution for terminating thicker battery cable. Suitable for all battery cables from 8 B&S to 00 B&S
- Heavy-Duty Connectors offer a secure connection, this means accidental disconnection is not an option
- Narva's wide range of Heavy-Duty Connectors are ideal for just about any application
- The range features 50A, 175A and 350A sizes and come in different colour options (grey, black red and blue) that are uniquely keyed so they cannot be cross connected



BULK CABLE

- Narva offers a large high quality cable range for all sectors of the automotive market.
- Australian made.
- RoHS compliant V90 PVC insulation meets Australian Standards (AS/NZS3808) and provides resistance to heat, oil, and abrasions.
- Oxygen-free copper conductors deliver superior conductivity, durability, and reliability across automotive applications.
- Available in 30m, 100m and 500m rolls.



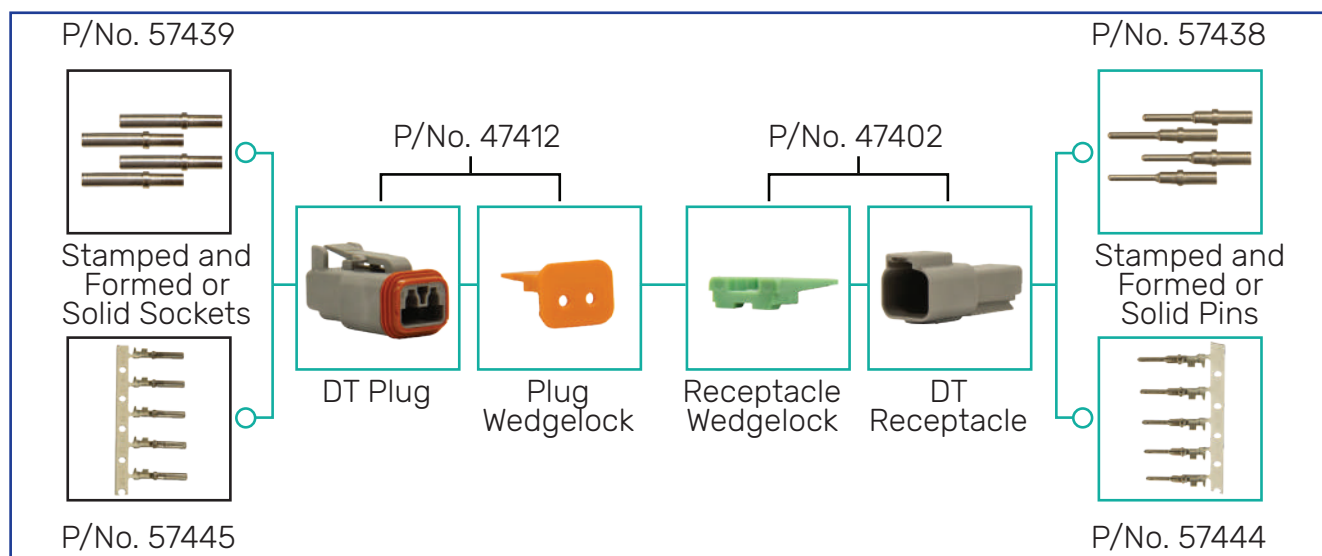
DEUTSCH® Connectors



The most popular termination method in the market for low amperage accessories (in particular, lighting), because of its reliability and durability. Deutsch® connectors are ideal for commercial, industrial and mining applications.

Key Features:

- High-performance and reliable connections
- Wide operating temperature range and resistance to UV exposure
- The silicone rear wire and interface seals prevent debris and moisture ingress (up to IP68 rating)
- Featuring DTM, DT and DTP connectors to cover amperages from 7.5Amp max per pin to 25Amp per pin



Deutsch® Assortments:

Assortments are a great option for those who use a wide range of different terminals.

Choose from the standard DT connectors or smaller DTM Connectors.



**P/No. 57400 DEUTSCH®
DTM ASSORTMENT**



**P/No. 57313 DEUTSCH®
DTM ASSORTMENT**



A close-up view of the rear of a light vehicle, showing a silver metal cage structure and a red LED light bar. The vehicle is parked on a gravel surface with some greenery in the background.

LIGHT VEHICLE

Supporting the essential fleet that keeps operations moving, our light vehicle range delivers robust and practical solutions. From electrical and lighting systems to safety accessories, each product is designed for reliability in demanding work environments.

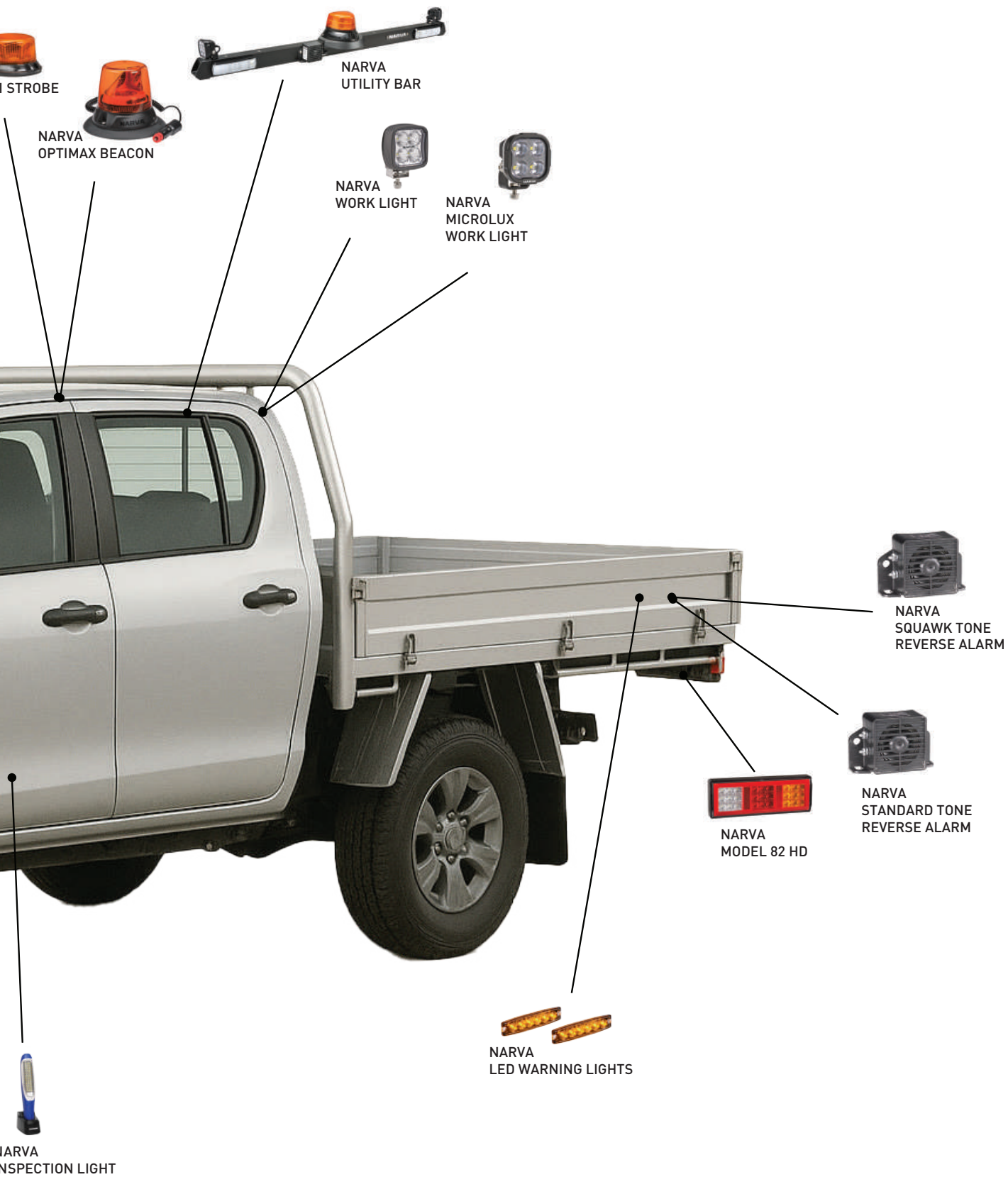


APPLICATION GUIDE

SUPPORT UTE

NARVA
EUROTECH I





ULTIMA MK3 DRIVING LIGHTS

180 KIT 22,522Lm **71734** | 215 KIT 36,184Lm **71744**

- Most powerful driving light on the market
- Markets best beam pattern with increased width
- Pressure die-cast housing and UV-resistant lenses
- Trusted in the most heavy duty applications
- Proven to hold up to harsh conditions including vibration, water, dust and chemicals



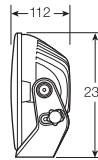
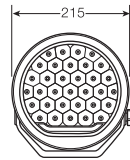
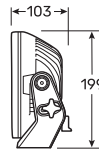
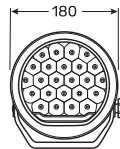
71734



71744

71734

71744



ULTIMA LIGHT BAR

ULTRA WIDE FLOOD 18,350Lm **71720BK**

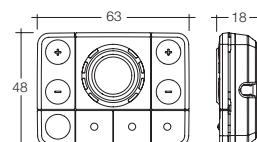
- Ultra powerful with as much light as many 9" pairs of lamps
- Super even and broad beam pattern for early hazard detection
- Ultra durable with 10 year warranty ensuring fit and forget option
- 750m at 1Lux and 95m beam width



ULTIMA CONNECT+ CONTROLLER

74408

- Allows total control over a vehicles Ultima system
- Independently control two sets of lights to adjust beam
- Easy installation as the relay and switching is all contained in the Connect+ Controller



UTILITY BAR

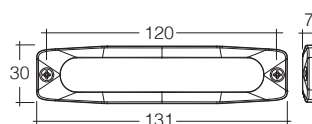
- Durable construction with a fully serviceable two-piece design
- Comes standard with a reverse alarm that turns off when the the beacon is not in use
- Users can select from LED rotating beacons, LED strobe and LED light boxes
- Users can also select their desired work lamp, reverse alarm and add forward facing indicators



HIGH POWERED LOW PROFILE LED WARNING LIGHTS

85214A

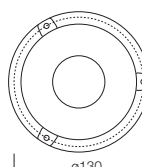
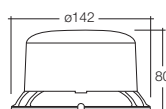
- Versatile and ultra-low profile slimline design
- 23 selectable flash patterns can be alternating or synchronised
- Auto-dim function makes the lamps suitable for night operation
- Supplied with 200mm of pre-wired cables, 3M[®] tape or screws for fixing options



EUROTECH II SHORT PROFILE LED STROBE/ROTATOR

FLANGE BASE 85254A-1

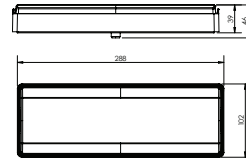
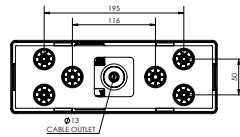
- Super visible in even the brightest conditions ensuring safer work sites
- Light sensor for automatic day/night switching to avoid dazzling workers on site
- SAE Approved rotating pattern
- Fit and forget
- ECE R65 Class 2 and Radio Safe Level 4
- Suitable for mounting on oversized vehicles as per heavy vehicle regulation



MODEL 82 LED REAR TWIN STOP/TAIL AND DIRECTION INDICATOR LAMP

98210HD

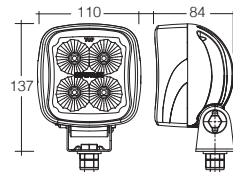
- Ultra durable with Grilamid® Lens ensures protection against impact, water, dust, chemicals and animal waste
- Fits most popular footprint (same as Narva Model 42)
- Lighting performance over and above many competitors for safer driving/sites
- Snap-in base for easy versatile mounting
- Available with integrated DT connector for easy installation and for use in Dangerous Goods (DG) applications



LED WORK LAMP

FLOOD BEAM 1,274Lm **72449**

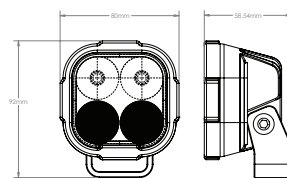
- Ultra-reliable, proven work lamp over many years in Australian Conditions
- Flood beam ensures high quality of light for workers
- Cable runs through the bolt for easier install



MICROLUX HEAVY-DUTY WORK LAMP

FLOOD BEAM 2,520Lm **73604**

- Powerful output with 60° Flood beam
- Smooth, broad beam pattern illuminates working area perfectly
- Ultra compact design ensure extra power in tight areas
- Vibration and shock resistant
- 53m beam distance and 30m beam width



INSPECTION LAMP

71322

- 1000 effective lumens provide ideal illumination for any automotive requirements
- Market-leading 16hr run time
- 100Lm torch
- Integrated magnet and hook for hands free use



16 HOURS
RUN TIME

TORCH
FUNCTION

OPTIMAX LED ROTATING BEACON

MAGNETIC MOUNT **85668A**

- High power LED beacon with true rotating pattern
- Ultra-bright ensures visibility in the brightest conditions
- Vacuum magnetic mount for secure mounting, ideal for occasional use
- 3m spiral cord with cigarette lighter plug
- SAE Approved rotating pattern
- ECE R65 Class 2 and Radio Safe Level 3
- Suitable for mounting on oversized vehicles as per heavy vehicle regulation

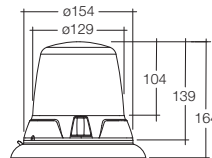
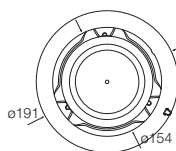


5
YEAR
WARRANTY

ROTATE
1
PATTERN
SAE
CLASS

VIBRATION
RATING

SEALED
IP67



REVERSING ALARMS

FIXED OUTPUT 12V OR 24V DUAL VOLTAGE 97dB **72602**
SQUAWK TONE 12V OR 24V DUAL VOLTAGE 97dB **72642**

- Ensures safety around plant and equipment
- SAE Approved - which means consistent sound and product quality
- Ultra durable - ideal for just about any conditions



72602

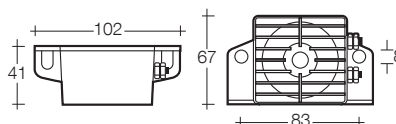


72642

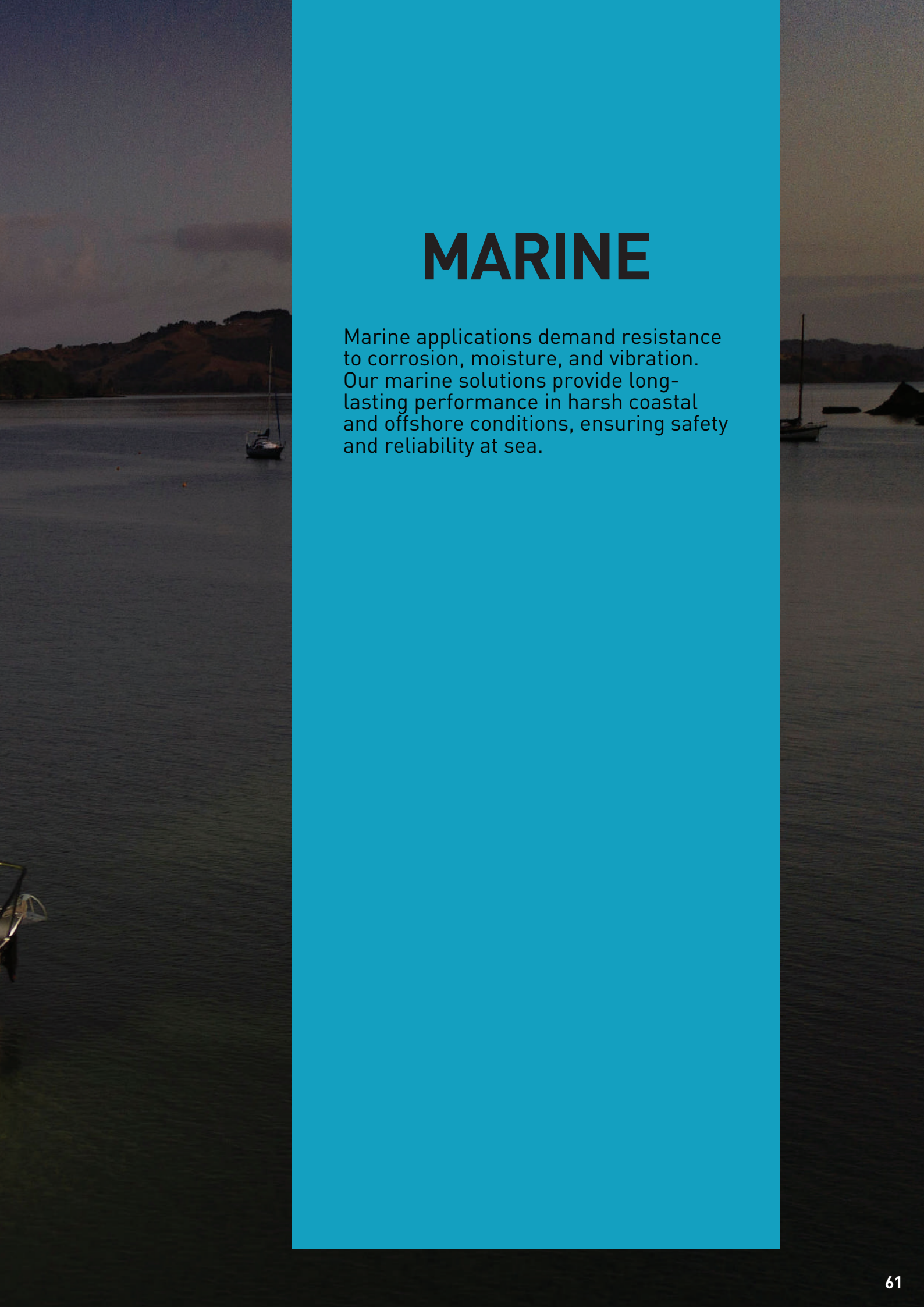


SEALED
IP67

12/24V





A background image of a calm body of water, likely a bay or harbor, with a small sailboat in the distance. The sky is overcast and grey, and the water is a dark, muted blue-grey. The overall tone is somber and atmospheric.

MARINE

Marine applications demand resistance to corrosion, moisture, and vibration. Our marine solutions provide long-lasting performance in harsh coastal and offshore conditions, ensuring safety and reliability at sea.

APPLICATION GUIDE

RECREATIONAL BOAT



NARVA
REMOTE CONTROL
SEARCH LAMP



NARVA
EX2 LIGHT BARS



NARVA
PORT & STARBOARD
LAMPS



NARVA
DUAL COLOUR MINI
UNDERWATER LAMP



NARVA
ALL-ROUND
ANCHOR LAMP

ROL



NARVA
DUAL COLOUR
DECK LAMP



NARVA
DUAL COLOUR
STRIP LAMP



NARVA
DUAL COLOUR
DECK LAMP



NARVA
DUAL COLOUR
STRIP LAMP



NARVA
STERN LAMP



NARVA
DUAL COLOUR MINI
UNDERWATER LAMP



NARVA
COURTESY LAMPS

EX2 LED LIGHT BARS

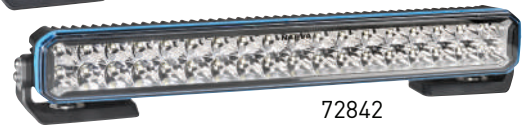
10" DOUBLE ROW 4,560Lm **72834**

20" DOUBLE ROW 9,780Lm **72842**

- Powerful light provides perfect blend of distance and width
- Composite mounting brackets designed to avoid galvanic corrosion
- Tinned cable ideal for marine applications
- Wide range of sizes to suit customer needs
- 407m at 1Lux and 56m beam width (72834)
- 638m at 1Lux and 86m beam width (72842)

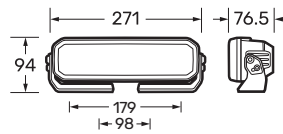


72834

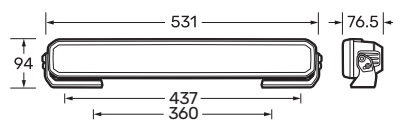


72842

72834



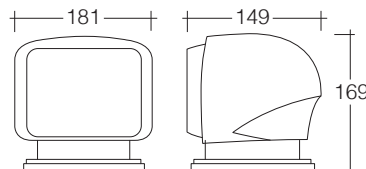
72842



REMOTE CONTROL LED SEARCH LAMP

72808

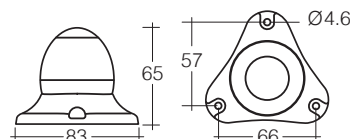
- Dual speed control for easy, accurate operation
- 360° Rotation, 120° tilt
- 400m beam distance with 40m of width
- Marine grade 316 stainless steel mounting hardware for long-term corrosion resistance
- Supplied with wireless remote and hard wired joy stick



LED FOLD DOWN ANCHOR LAMP

99146BL

- Suitable for vessels up to 50m
- Visible up to 3 nautical miles
- Meets EMC EN60945, USGC & ABYC A-16 standards



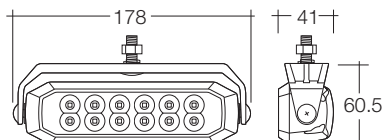
LED DUAL COLOUR DECK/WORK LAMP

FLOOD BEAM 450Lm **72443W**

- Thermal plastic housing and bracket ensures no galvanic corrosion
- 360° rotating bracket for precise directional control
- Shock and vibration tested to JIS D1601 for reliability offshore
- Marine grade 316 stainless steel mounting hardware for long-term corrosion resistance



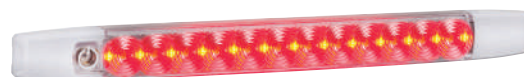
Also available with white/blue output (P/No. 72443BW)



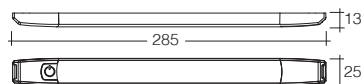
DUAL COLOUR LED STRIP LAMP, WHITE/RED WITH TOUCH SWITCH

87538WR

- Dual colour function allows either white or red illumination
- Ideal for both interior and exterior
- Red illumination for easy night time navigation
- Slim design – 13mm thick



Also available with white/blue output (P/No. 87538WB)



MODEL 68 COURTESY LAMPS

RED/WHITE **87603W** | BLUE/WHITE **87607W**

- Available in single or dual colour, with a choice of black or white bezel
- Fully sealed, waterproof surface-mount design
- Durable tinned cable with 316 stainless steel mounting hardware
- Specifically designed in collaboration with OE boat builders



87603



87603W



87607



87607W



1 NAUTICAL MILE LED PORT & STARBOARD LAMPS

WHITE HOUSING **99010BL** | BLACK HOUSING **99014BL**

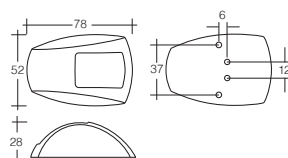
- Ideal for yachts and powerboats up to 12m
- Minimum visible distance of 1 nautical mile at 112.5°
- Meets EMC EN60945, USCG & ABYC A-16 standards
- Surface mount, ideal for mounting on the side of the hull
- Available in black or white housing, with clear or coloured lens



99010BL



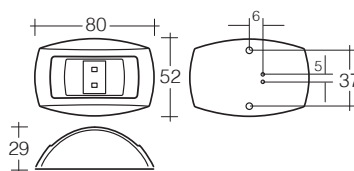
99014BL



2 NAUTICAL MILE LED STERN LAMP

99120BL

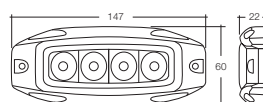
- Ideal for yachts and powerboats up to 50m
- Minimum visible distance of 2 nautical miles at 135°
- Meets EMC EN60945, USCG & ABYC A-16 standards
- Surface mount



LED MINI UNDERWATER LAMP, BLUE

99206BL

- Blue output attracts fish and provides increased visibility
- Thermal plastic housing ensures no galvanic corrosion
- Specially designed heatsink allows increased output
- Surface mount with cable guiding spacer to avoid holes in hulls
- Available with a white or black housing (99208BL)



72443 LED DECK/WORK LAMP

5
YEAR
WARRANTY

MARINE-GRADE ILLUMINATION MEETS VERSATILITY

The 72443 LED Dual Colour Deck/Work Lamp is engineered specifically for marine environments, offering outstanding durability, visibility, and adaptability. Available in both White/Red and White/Blue flood beam configurations, this lamp is ideal for deck lighting, work zones, and vessel exteriors where performance under harsh conditions is critical.



Built to Endure

- Shock and vibration tested to JIS D1601 (marine standard) for reliability offshore
- Marine grade 316 stainless steel mounting hardware for long-term corrosion resistance
- Thermal plastic housing and bracket eliminate galvanic corrosion
- No metal-on-metal contact ensures longevity
- Sealed to IP66 standard for protection against high-pressure water and dust

Dual Colour Output for Enhanced Visibility

- White/Red configuration for night vision retention
- White/Blue configuration for premium aesthetic styling
- Dual mode provides flexibility for functional or stylistic lighting

Adjustability & Performance

- 360° rotating bracket for precise directional control
- Effective Lumens: 450Lm
- Colour Temperature: 5700°K (White), 623nm (Red)
- Operating Temperature: -20°C to +65°C



72443BW



72443W





GENERAL INFORMATION

We reserve the right to add to, or delete from, or change the specification of any product featured in this catalogue without prior notification. The information supplied in this catalogue is current as at the time of printing.

WARRANTY

AUSTRALIAN WARRANTY

Brown & Watson International Pty Ltd (BWI) of 1500 Ferntree Gully Road, Knoxfield, Victoria, telephone (03) 9730 6000, fax (03) 9730 6050, warrants all products from the date of purchase by the end-user for a period of one (1) year and covers defects in materials and/or workmanship only from the date of the original purchase by the consumer as marked on the invoice.

BWI also offers extended warranty periods on selected products as indicated on product packaging.

CONDITIONS OF WARRANTY

This warranty does not cover normal wear and tear or apply to a product that:

- has been subject to misuse, alterations, neglect, negligence, damage or accident
- has been improperly maintained, operated or installed
- has not been installed in accordance with the installation instructions in effect at the time of installation or as recommended to be installed by suitably qualified personnel
- has not been installed in accordance with the vehicle, engine or equipment manufacturers' recommendations
- has had insufficient or excessive electrical supply or subject to undue environmental conditions
- has been fitted to any vehicle that has been changed or modified from original specification in a way that could impact on the performance of the BWI warranted product

BWI warranty does not cover replacement of any product consumable items (i.e. bulbs or lenses).

HOW TO MAKE A CLAIM

To make a warranty claim:

- If the product is suspected of being defective, the consumer must stop using it and contact the original place of purchase.
- The product must be returned (at the consumer's expense) to the original place of purchase or any other place nominated by the retailer or BWI for a warranty assessment to be performed.
- The original proof of purchase together with an explanation in writing as to the nature of the claim must accompany the returned product to assist with the warranty assessment.
- The consumer shall promptly provide further information that may be requested with respect to the claim.
- The customer will be notified of the warranty decision in writing and if found to be invalid the customer must organise collection of the product at their expense or authorise its disposal.

Free Call our Technical Support team for any Technical and Warranty related enquires on: 1800 422 422 (Australia).

CLAIM DECISION

If the claim is found to be valid and is for a minor failure of the product then BWI reserves the right to repair or replace the product at its discretion.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

NEW ZEALAND WARRANTY

Brown & Watson International NZ Ltd warrants that all products sold (will be under normal use and service free of defects in material

and workmanship for a period of one (1) year from the date of original purchase by the customer as marked on the invoice.

Brown & Watson International NZ Ltd also offers extended warranty periods on selected products as indicated on product packaging

The warranty does not cover the exclusions listed above under 'Conditions of Warranty'.

Where the customer is acquiring (or holds itself out as acquiring) the goods for business purposes, the customer, BWI and Brown & Watson International NZ Ltd acknowledge and agree for the purposes of section 43 of the Consumer Guarantees Act 1993 that:

- (a) pursuant to this warranty, goods are being supplied and acquired in trade;
- (b) they are all in trade;
- (c) they are contracting out of the provisions of the Consumer Guarantees Act;
- (d) it is fair and reasonable that they are bound by this clause; and
- (e) they have each been fully able to negotiate the terms of this warranty, and have each been represented by and received advice from a lawyer during the negotiations prior to this warranty.

For the avoidance of doubt, to the extent that the customer is acquiring or holding itself out as acquiring the goods for business purposes the statutory guarantees provided for in the Act are hereby excluded. The Consumer Guarantees Act will apply in all other circumstances.

To the extent permitted by law, BWI and Brown & Watson International NZ Ltd shall not be liable for any loss of profits or any consequential, indirect or special loss, damage or injury of any kind whatsoever arising directly or indirectly from BWI products. This limitation does not apply to any liability of BWI for failure to comply with a consumer guarantee applicable to your BWI product under the Australian or New Zealand legislation and does not affect any rights or remedies that may be available to you under the Australian or New Zealand Consumer Legislation.

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NARVA

THE VISION TO GO FURTHER

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PART NO. C XXXXXXXXX