

# DETAILING AND COLOGRAMS COLOGRAMS A COLOGR





LIGHTING SOLUTIONS FOR THE PAINTING INDUSTRY



SCANGRIP is constantly pushing back the boundaries of LED lighting and battery technology, creating new and specialized work light solutions.

This new product line is the most comprehensive and sophisticated of its kind in the world. The specialized lighting solutions with superior quality are made for colour matching, detailing and general paint work and are usable everywhere a painted surface needs inspection.







# LIGHTING SOLUTIONS FOR THE PAINTING INDUSTRY

The new 4th generation of SCANGRIP lights for the painting industry will strike you as being the widest and most sophisticated range on the market with significantly improved lighting and battery technology. The new product range has embedded all possible needs for effective and specially designed work lights including suspension and stand solutions for both stationary and flexible positioning of the lights to match the specific work task.

# Benefit from the entire colour temperature spectrum

Finding the accurate colour match without the right light is one of the challenges that a car painter is facing on a daily basis. Even though two colours appear to match under one lighting condition, they can look different when the light changes. The phenomenon is called metamerism and can also be described as a colour difference that only appears under varying light.

The new invented CCT SCAN functionality offers the option to scan the surface of an object with the various colour temperatures available in the interval from 2500K to 6500K.



CCT SCAN - Stepless

As the CCT SCAN function is representing the entire colour temperature spectrum in one easy step, it makes it faster and more convenient to match the

colour of the car. When it comes to detailing and car care, the detailer can inspect the surface of the car using all the colour temperatures available, and in this way, detect any scratches or imperfections.

Overall, the CCT SCAN functionality provides optimum conditions for the most accurate colour match and highlighting and discovering paint defects.

#### Importance of right work light

The SCANGRIP lighting solutions increase the quality and finish of each, individual operation and reduces the rate of time-consuming and costly re-work. Due to the special LED features, this lighting range is perfect for any paint, polish, cleaning or prep-zone operation. This means that for instance holograms and polishing errors will be detected during the working operations, and, in this way, several days of costly re-do will be avoided.

#### State-of-the-art functionality

The sturdy work lights are designed to resist the most extreme demands of the painting workshop environment. The long operating time of the work lights makes it possible to complete a job without interruption of time-consuming recharging. In addition, the new SCANGRIP POWER SOLUTION with exchangeable batteries offers unlimited availability to light. The advanced functionalities with wireless BLUETOOTH lighting control and integrated USB powerbank just underlines the league they are in.

# APPLICATION AREAS

- For everybody inspecting painted surfaces
- For all kinds of car, truck and bus workshops
- For car and industrial painters
- For prep-zone operations and detailing centers

// The COB (chips on board) LED technology provides a unique, uniform and completely even illumination with only one shadow which makes it particularly effective for detailing light

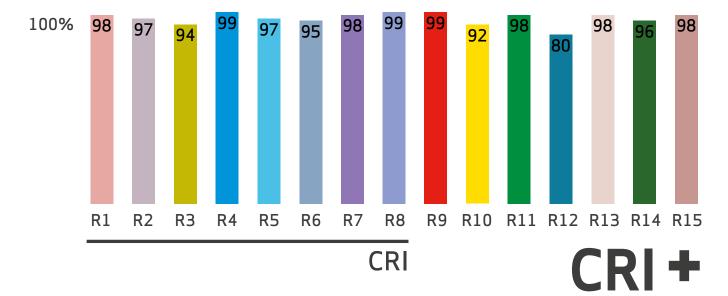
// The colour temperature (KELVIN) exactly fits the specific requirements for efficient work light in the painting industry

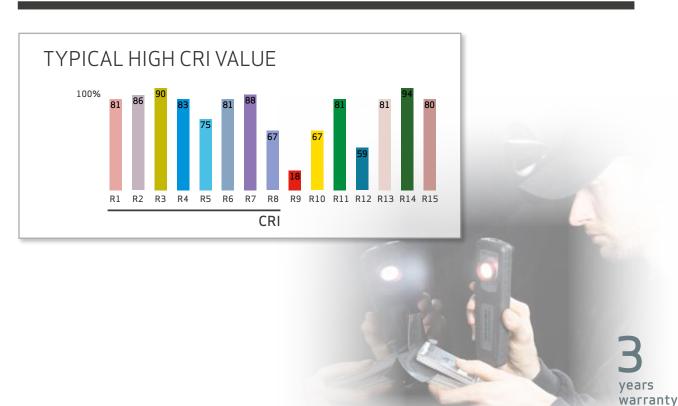
# CRI+

# FOR ACCURATE COLOUR MATCHING

Work lights to be used for colour match purposes must have a light source with a high CRI value. The standard CRI value is calculated as an average of the first 8 R-values out of 15. This means that e.g. the R9 (red) value, which is important for correct colour recognition, is not taken into consideration for the CRI value.

SCANGRIP now introduces the CRI+ term defined as an average of all 15 R-values. This is the only correct definition of the CRI value to be used for accurate and reliable colour recognition.





# **PENLIGHTS**

Easy to carry penlights with excellent colour rendering properties for colour match always readily available in a shirt or pant pocket. Designed for inspection in the workshop and especially useful for detection of scratches, pinholes and swirl marks.

Made of sturdy and durable aluminum supplied with solvent resistant glass lens.

#### **MATCHPEN**

MATCHPEN has a slim design with focus function for concentrated and focused light beam ranging from  $10^{\circ}$  to  $70^{\circ}$ . Comes complete with 2 AAA batteries.

#### MATCHPEN R

The rechargeable MATCHPEN R features a 2 COLOUR LIGHT function,



providing you with the option to choose between 2 different colour temperatures depending on the job at hand. Focus function for concentrated and focused light beam ranging from 10° to 45°. It can easily be recharged by the enclosed USB cable.



#### **MATCHPEN**

03.5117

Penlight with focus function providing 100 lumen





#### MATCHPEN R

03.5122

Rechargeable penlight with focus function and 2 COLOUR LIGHT providing 100 lumen

PATENT









# **HEADLAMP**

Superior hands-free illumination for any detailing or colour match job.

The upgraded I-MATCH 3 headlamp provides an extremely powerful illumination and lightens up your entire field of view.



The headlamp features ALL DAYLIGHT function offering different colour temperatures depending on the type of job to be carried out. In addition, the stepless dimmer function enables you to easily adjust the light output in the range from 10% to 100%.

In sensor mode, the light can easily be switched on/off by waving your hand in front of the lamp, even when wearing gloves.

The robust and sleek headlamp has a modern and streamlined design and is dust and waterproof (IP65) with a remarkably low weight, only 100g.

As optional accessory, the SCANGRIP POWER BANK 03.5782 can be used for increased operating time. Simply attach the powerbank to the head band via the enclosed flexible clip holder and connect the cable to the headlamp.





#### I-MATCH 3

03.5656

Rechargeable COB headlamp with ALL DAYLIGHT providing 250 lumen

PATENT 2635946

#### **ILLUMINATED AREA**



Standard headlamp



I-MATCH 3 headlamp



With sensor function







# POWERBANK

Extend the operating time
Optional accessory for I-MATCH 3

SCANGRIP POWERBANK

03.5782







years warranty

PATENT PROTECTE

# HAND LAMPS

Handheld rechargeable work lights with excellent colour rendering properties, for perfect colour match.

Easy to carry in the pocket or in the work belt with the built-in clip, ready at hand for quality check between prep-zone operations.

Place the lamp anywhere you want during inspection with the turnable sturdy hook or the strong built-in magnet. The flexible lamp head tilts up to 180 degrees. Durable construction, dust as well as waterproof, IP65. Supplied with solvent resistant glass lens. Battery indicator at front shows when the battery must be recharged.

#### MINIMATCH

With its strong and basic functionality, the handheld MINIMATCH features 2 COLOUR LIGHT (warm and cold), especially useful for bright and dark coloured surfaces. Supplied with a two-step operating option: Step 1 = 100%, step 2 = 50% light output.

#### **SUNMATCH 4**

The upgraded SUNMATCH 4 features the new outstanding CCT SCAN function which means the light can scan the surface of an object with the entire colour temperature spectrum from 2500K to 6500K automatically. At any point, the CCT SCAN function can be locked, and, in this way, you will be able to customize the light to the specific task. A spotlight for inspection is also included at the top.

To avoid overheating the built-in intelligent heat protection system switches to low mode (50%) after 3 minutes continuous use at high mode. SUNMATCH 4 is always ready to use and easy to find when placed in its charging base after each job.











#### MINIMATCH

03.5650

Handheld rechargeable work light with 2 COLOUR LIGHT providing 200 lumen

Optional accessory : SCANGRIP DIFFUSER SMALL









#### SUNMATCH 4

03.5657

Handheld rechargeable work light with CCT SCAN function providing 500 lumen

Including 1 x SCANGRIP DIFFUSER SMALL











The light diffuser is designed to spread and soften the light of your SUNMATCH 4 or MINIMATCH work light, providing new possibilities to adapt the light even further to the specific work task as it minimizes reflections and harsh light.

The cover is lightweight and mounted directly on top of the lens. It is especially applicable for checking high spots while coating, as well as car dent repair and detecting dust nibs on painting.



# MULTIMATCH WORK LIGHT

Handy and powerful work light for inspection and detailing providing up to  $1200 \, \text{lumen}$ .

The upgraded MULTIMATCH R handlamp features the unique, stepless CCT SCAN function, providing you with the option to customize the light to the specific task. By activating the CCT SCAN function, the work light will automatically scan the surface of the object with the entire colour temperature spectrum from 2500K to 6500K. At any point, you can lock the CCT SCAN function and use the specific colour temperature for colour matching or inspection.

The lamp is easy to carry and is ergonomically designed for a good grip on the handle, which is also equipped with powerful integrated magnets for flexible mounting. This gives you high flexibility and application possibilities for internal inspection of cars and other narrow areas.



The lamp is designed for direct mounting on the SCANGRIP TRIPOD and WHEEL STAND. By using the WHEEL STAND, MULTIMATCH R can be mounted on the lower bracket as a second light to illuminate from below

The handlamp has a built-in power bank with USB outlet to charge mobile devices.















#### MULTIMATCH R

03.5658

Rechargeable work light with CCT SCAN providing 1200 lumen



# MULTIMATCH WORK LIGHTS

# with exchangeable battery pack

Outstanding and powerful rechargeable work lights for inspection of large surfaces during polishing, painting and cleaning operations as well as for colour match.



The work lights feature the ALL DAYLIGHT function, providing you with the option to choose between 5 different colour temperatures. The 5-step dimmer function makes it possible to adjust the light into five different levels depending on the job at hand.

The new SCANGRIP POWER SOLUTION provides you with unlimited availability to light. Easily you can insert a new fully charged battery and continue the work while another battery is charging. Or you can simply add the charger directly to the lamp to get power supply. The integrated battery backup function prevents you from being without light at any time.

By the new BLUETOOTH lighting control app you are able to control and adjust both the light output and the colour temperatures, along with a range of other useful, wireless functions improving daily work efficiency.

The new MULTIMATCH range is supplied with a bu ilt-in power bank with USB outlet to charge mobile devices.



The body is made of diecast aluminum which makes it extremely sturdy and shockproof to endure even heavy strokes and shocks. At the same time, it is dust and waterproof, IP67.

PATENT







# SCANGRIP POWER SOLUTION

SCANGRIP has taken advantage of new, high performance battery technologies and invented an innovative concept of flexible and reliable power supply.

The unique, patented concept is called:



- DUAL SYSTEM 2in1 with exchangeable battery pack use both rechargeable with battery or with power supply from the battery charger mounted directly to the lamp
- Integrated backup battery functionality up to 1h use with 1000 lumen without battery or cable
- IP67 waterproof to be used in tough environment

With the new, innovative SPS system you will never experience being completely without light and left in total darkness. No matter how limited your access is to power supply the SPS ensures that you always have the necessary light to carry out your job. SPS provides complete freedom, flexibility and maximum work efficiency.



SPS system provides light for the entire work day





Use battery charger directly on the lamp as power supply



Change battery



Charging exchangeable battery

# NEW **APP** WITH EXTENDED FUNCTIONALITY

With the new BLUETOOTH light control features, you can easily control your MULTIMATCH lamps remotely. The group control function enables quick setup and control of up to four lamps simultaneously. The light control makes it possible to turn on/off the lamp from your phone and adjust the light output as well as the color temperature in steps from 2500k to 6500k to suit the work task in question. Assign your own personal pin code to prevent other users from controlling the lamp.

The wireless application is perfect when working with one or more hard-to-reach lamps, for example positioned on the SCANGRIP TRIPOD.



#### BLUETOOTH - Light control app

- Dimmer light output into 5 levels 10%-100%
- Adjust CCT value in 5 steps 2500K-6500K
- Switch on/off
- Group control function, up to 4 lamps
- Assign pin code
- Check battery level



SPS7//

(SCANGRIP

PATENT 5597010

MULTIMATCH 3

03.5653



MULTIMATCH 8 03.5654



Work light with BLUETOOTH, SPS and ALL DAYLIGHT providing up to 8000 lumen. Incl. exchangeable battery and charger.

3 years warranty

Work light with BLUETOOTH, SPS

and ALL DAYLIGHT providing up



# SCANGRIP WHEEL STAND

The SCANGRIP WHEEL STAND is developed for mobile positioning of the work light in the detailing workshop. It makes it easy to move the light to where you need it, and at the same time you avoid uncomfortable and heavy lifting from one workplace to the other.

The SCANGRIP WHEEL STAND is extendable from 0.9 m to 1.9 m and comes in an upgraded design. The new base is equipped with 5 wheels for improved safety and stability and easy maneuverability. The wheels are sturdy and of high quality and roll easily even on uneven surfaces. 2 of the wheels are lockable to secure a safe and fixed position.

It is fast and easy to position the work light on the SCANGRIP WHEEL STAND, and when mounted the light can be tilted to provide the optimum beam angle. When the job is done, it can easily be put aside.



As an additional feature of the new, upgraded WHEEL STAND it now comes with a flexible bracket that enables you to easily position a second work light to illuminate from below.

The extra mounting bracket is adjustable in the height and provides complete flexibility to position the light in the optimum height.

When working on the side of the car or doing prep work at the panel this dual light option provides perfect, shadow free illumination from the upper side as well as from the underside.





Dual bracket for positioning

of two lamps



# SCANGRIP TRIPOD

In the detailing workshop the SCANGRIP TRIPOD is indispensable for stationary positioning of the MULTIMATCH work lights for illumination in a specific working area.

The SCANGRIP TRIPOD is extendable from only 1.35m up to 3m which gives you complete flexibility to position the light in the requested height. When mounted on the tripod the light can be tilted to provide the optimum beam angle.

The stable construction of the SCANGRIP TRIPOD makes it safe even when fully extended. To increase safety when in use the cable of the lamp can be fixed in the safety clips placed on each separate leg.

#### MAGNET BRACKET

03.5390

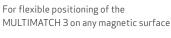




For flexible positioning of the









03.5391





For flexible positioning of the MULTIMATCH 8 on any magnetic surface





MAX 3m MIN 1.35m Ø 1.2m

Welded steel mounting cap 10mm thread

Powder coated steel



#### SCANGRIP TRIPOD

03.5431 Max load 10 kg Weight 6 kg

#### **DUAL BRACKET**



of two lamps





# SCANGRIP DIFFUSERS

The light diffuser is designed to spread and soften the light while avoiding hard shadows. It gives you increased functionality and new possibilities to adapt your work light even further to the specific work task. The smooth and diffused light reduces glare and shadows making it easier to identify high spots when working with coatings and see dust nibs on painting. It may also provide a pleasant background light in the detailing studio.

# Diffusers for MULTIMATCH work lights

The SCANGRIP DIFFUSER enables you to transform the powerful and bright light from the MULTIMATCH products to a soft and broad spread of light similar to what you would get from a cloudy sky. The high CRI performance of the MULTIMATCH and the ability to adjust colour temperature and brightness of the light is maintained when the diffuser is used. Easy and safe mounting with strong magnets.

#### SCANGRIP DIFFUSER

03.5750 For MULTIMATCH 3











03.5751 For MULTIMATCH 8







# Diffuser for MINIMATCH and SUNMATCH 4

The small diffuser provides a soft and diffused light when mounted on top of the lens. The compact size of the handlamps and the diffuser enables you to carry it in the pocket and makes it easy to adjust the light to the work task. The diffuser comes in a packet of four pieces.

#### SCANGRIP DIFFUSER - Small - 4 pcs



3 years warranty

# **DETAILING KITS**

The DETAILING kit bags are made of sturdy nylon with convenient practical carrying strap. Firm hold and room protecting the products. Easy to carry and use.



The ESSENTIAL kit includes the essential products you need for effective detailing and colour match.

#### **DETAILING KIT - ESSENTIAL**

49.0220

Includes: I-MATCH 3, 03.5656 MINIMATCH, 03.5650 MULTIMATCH R, 03.5658



#### **DETAILING KIT - ULTIMATE**

49.0217

Includes:
MATCHPEN R, 03.5122
I-MATCH 3, 03.5656
SUNMATCH 4, 03.5657
MULTIMATCH 3, 03.5653

Depending on the job at hand, the ULTIMATE kit provides you with advanced work lights with powerful illumination and multiple applications for any detailing or colour match job.



Product number Light source Luminous flux, lumen Iluminance, lux@0.5 m Adjustable light output

Operating voltage AC Charging voltage/current DC

Power consumption

Charger incl.

Temperature

Dimensions

Net weight

# **PENLIGHTS**



Optional accessory for 03.5656 I-MATCH 3



I-MATCH 3 Upgraded	
03.5656	
Ultra high <b>CRI+</b> COB LED	
25-250	
60-600	
Stepless	
120°-60°	
-	
Ra > 96 <b>CRI+</b>	
4500-6500K	
5 steps	
1.5	
15	
3.5	
3.8V / 1600 mAh Li-poly	
IP65 / IK07	
1 m	
1 m USB	
-	
5V/1A	
Max 2.5W	
No	
-10° to +40°C	
100 x 38 x 50 mm	
100 g	

POWERBANK NEW
03.5782
-
-
-
-
-
-
-
-
-
-
-
3
3.65 V / 4000 mAh
IP20 / IK07
1 m
Spiral cable
-
5 V/ 2 A
Max 8 W
-
-10° to +40°C
ø28 x 103 mm
132 g

	MATCH <b>PEN</b>	MATCH <b>PEN R</b>
Product number	03.5117	03.5122
Light source	Ultra high CRI LED	Ultra high CRI LED
Luminous flux, lumen	100	100
Iluminance, lux@0.5 m	300-4000	700-8000
Adjustable light output	No	No
Beam angle	10°-70°	10°-45°
Beam distance	Up to 75 m	Up to 95 m
CRI	Ra > 95	Ra > 92
CCT	4500K	4500-6500K
Adjustable CCT	-	2 steps
Operating time with max. lumen, h	2	2.5
Operating time with min. lumen, h	-	-
Charging time, h	-	2.5
Battery	2xAAA / 1.5V Alkaline	3.7V / 1100 mAh Li-ion
Protection class	IP54	IP30
Impact resistance	1 m	1 m
Cable	-	1 m USB
Operating voltage AC	-	-
Charging voltage/current DC	-	5V/1A
Power consumption	3W	Max 2.5W
Charger incl.	-	No
Temperature	-10° to +40°C	-10° to +40°C
Dimensions	ø16 x 148 mm	ø19 x 159 mm
Net weight	60 g	88 g

### HAND LAMPS

MINIMATCH 03.5650



SUNMATCH 4

03.5657

Max 8W

No

-10° to +40°C

188 x 58 x 26 mm

267 g

Light source	Ultra high <b>CRI+</b> COB LED	Ultra high <b>CRI+</b> COB LED	
Luminous flux, lumen	100-200	50-500 Spot: 200	
Iluminance, lux@0.5 m	250-500	700-1400 Spot: 5000	
Adjustable light output	2 levels	Stepless	_
Beam angle	75°	80° Spot: 20°	_
CRI	Ra > 96 <b>CRI+</b>	Ra > 96 <b>CRI+</b> Spot: 95	
ССТ	4500-6500K	2500-6500K Spot: 4000K	
Adjustable CCT	2 steps	Stepless	-
Operating time with max. lumen, h	2	2	
Operating time with min. lumen, h	4	10	
Charging time, h	4	4	
Battery	3.7V / 1600 mAh Li-ion	3.7V / 2600 mAh Li-ion	
Protection class	IP65/ IK07	IP65 / IK07	
Impact resistance	1 m	1 m	
Cable	1 m USB	1 m USB	
Operating voltage AC	-	-	
Charging voltage/current DC	5V/1A	5V/1A	

## KIT IN BAG



	ESSENTIAL Upgra	ultimate Upgrad
Product number	49.0220	49.0217
		MATCHPEN R
	I-MATCH 3	I-MATCH 3
Content	MINIMATCH	SUNMATCH 4
	MULTIMATCH R	MULTIMATCH 3
		incl. battery/charger
Dimensions	290 x 100 x 190 mm	385 x 115 x 300 mm
Net weight	1.755 kg	4.464 kg

Max 3.5W

No

-10° to +40°C

156 x 60 x 38 mm

190 g







#### **MULTIMATCH** series

	MULTIMATCH R Upgraded	MULTIMATCH 3	MULTIMATCH 8
Product number	03.5658	03.5653	03.5654
Light source	Ultra high <b>CRI+</b> COB LED	Ultra high <b>CRI+</b> COB LED	Ultra high <b>CRI+</b> COB LED
Luminous flux, lumen	120-1200	300-3000	800-8000
Iluminance, lux@0.5 m	250-2500	450-4500	1200-12000
Adjustable light output	5 levels	5 levels	5 levels
Beam angle	100°	115°	115°
CRI	Ra > 96 <b>CRI+</b>	Ra > 96 <b>CRI+</b>	Ra > 96 <b>CRI+</b>
ССТ	2500-6500K	2500-6500K	2500K-6500K
Adjustable CCT	Stepless	5 steps	5 steps
Operating time with max. lumen, h	0.8	1.5	1
Operating time with min. lumen, h	10	15	10
Charging time, h	3.5	1.5*	1.5*
Battery	3.7V / 5400 mAh Li-ion	11.1V / 4000 mAh Li-ion	11.1V / 8000 mAh Li-ion
Protection class	IP67 / IK07	IP67 / IK07	IP67 / IK07
Impact resistance	1 m	1 m	1 m
Cable	1 m USB	5 m / 2x0,75 mm² H05RN-F	5 m / 2x0,75 mm² H05RN-F
Charging voltage/current DC	5V / 2A	12.6V / 2.8A	12.6V / 6.8A
Power consumption	Max 16.5W	Max 30W	Max 85W
Battery incl.	-	SPS BATTERY 4Ah 03.6003	SPS BATTERY 8Ah 03.6004
Charger incl.	Yes	SPS CHARGING SYSTEM 35W 03.6006	SPS CHARGING SYSTEM 85W 03.6008
Temperature	-10° to +40°C	-10° to +40°C	-10° to +40°C
Dimensions	155 x 165 x 64 mm	240 x 230 x 104 mm	305 x 290 x 125 mm
Net weight	820 g	1.97 kg	3.6 kg

<sup>\* 80%</sup> 

# SCANGRIP POWER SOLUTION accessories



	SPS BATTERY 4Ah	SPS BATTERY 8Ah
Product number	03.6003	03.6004
Battery	11.1V / 4000 mAh Li-ion	11.1V / 8000 mAh Li-ion
Charging voltage/current DC	12.6V / 2.8A	12.6V / 6.8A
Cable	-	-
Charger input voltage	-	-
Power consumption	-	-
Charging time, h	1.5*	1.5*
Protection class	IP67 / IK07	IP67 / IK07
Impact resistance	1 m	1 m
Temperature	-10° to +40°C	-10° to +40°C
Dimensions	103 x 75 x 40 mm	103 x 75 x 62 mm
Net weight	320 g	560 g

SPS CHARGING SYSTEM 35W	SPS CHARGING SYSTEM 85W
03.6006	03.6008
-	-
12.6V / 2.8A	12.6V / 6.8A
5 m / 2x0,75 mm² H05RN-F	5 m / 2x0,75 mm² H05RN-F
100-240V AC 50/60Hz	100-240V AC 50/60Hz
Max 35W	Max 85W
-	-
IP67 / IK07	IP67 / IK07
1 m	1 m
-10° to +40°C	-10° to +40°C
139 x 75 x 40 mm	139 x 75 x 49 mm
650 g	760 g

<sup>\* 80%</sup> 

# SPECIALIZED WORK LIGHT SOLUTIONS

Light is an important tool for many tasks. We take that very seriously when developing specialist lights for niche markets – such as lights for explosive working areas or lights for the painting and detailing industries.



Explosion proof lights for the spray booth



Portable lights for fast curing







#### GO GREEN - A better choice for the climate

SCANGRIP work lights are a choice in a greener direction where the climate impact is minimized on an everyday basis. All our lighting solutions are developed to be energy saving and with a long lifetime.

Whether you compare energy efficiency with traditional technologies or other LED products, you will save energy by choosing a SCANGRIP work light. The LED PERFORMANCE indicates the actual light output of the LED in a SCANGRIP work light and we aim for the highest number to achieve less power consumption compared to other solutions on the market.

#### **Extended warranty**

Every SCANGRIP work light is manufactured at our own factories and subject to strict quality controls. Our lights meet the highest quality standards and are built to last. They are so good that we offer a warranty extension. All SCANGRIP work lights come with a 3-year warranty. Because we stand by the products we offer.



Designed by us. Manufactured by us.

years warranty

ATENT PROTECTED



// SCANGRIP is Europe's leading manufacturer of work lights for professionals providing the strongest and most comprehensive ranges of work lights with the latest LED lighting technology available on the market.

SCANGRIP is innovation from Denmark and receives strong recognition in the marketplace for its product design, and the products are known for their high quality.

SCANGRIP strives for perfection, and is continuously optimizing and improving light output, battery capacity, design and ergonomics, durability, user-friendliness, and functionality. The aim is to set new standards for professional work lights.

SCANGRIP was established in 1906 and has a long, impressive history of manufacturing high-quality hand tools and work lights for the industrial, construction, and automotive sectors.

SCANGRIP is part of Hultafors Group - a global company offering a unique portfolio of premium brands within personal protection, tools, and other equipment for discerning craftsmen. Together, we are on a mission to create a better day for professional users.