

REMOTE AREA LIGHTING SYSTEMS (RALS)

CATALOGUE

OCTOBER 2022



SINCE 1976

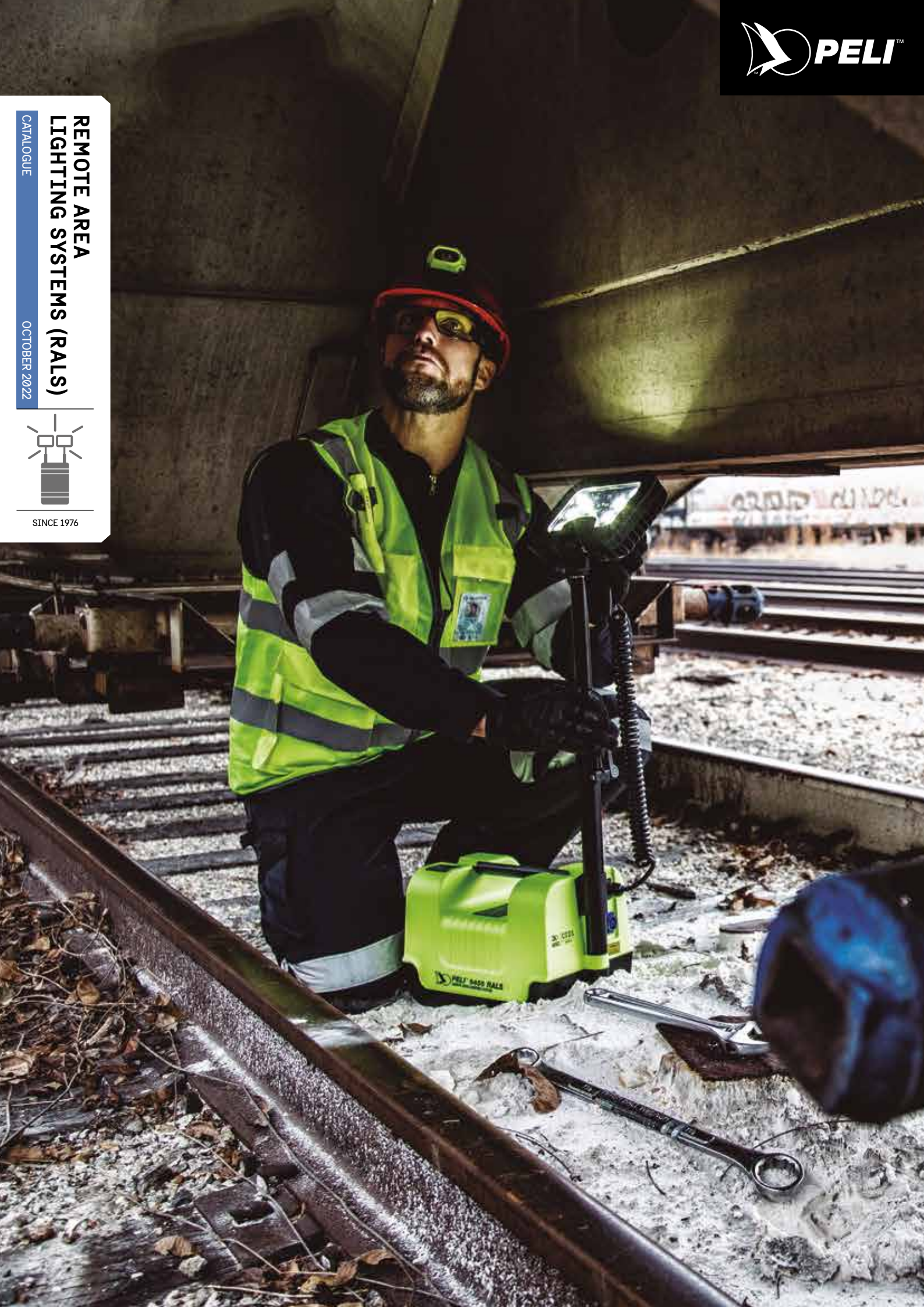




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PELI RALS FEATURES

Power. Safety. Clean Energy.

Peli Remote Area Lighting systems (RALS) bring fully portable, powerful, energy-efficient and rechargeable lighting* to remote areas, confined spaces and large workspaces without the use of a generator.

This all-encompassing product line includes compact single headed models that easily fit into confined spaces, two and four headed models that are capable of turning night into day and an ATEX safety approved model for use in hazardous work environments.

Depending on the model, features include multiple heads, multi-position deployable masts with 360° rotating heads, Bluetooth control, and swappable battery (selected models). Using the state-of-art of LEDs, some of Peli's RALS models feature up to +6.000 lumens of powerful beam of light and offer up to 40 hours of run time.

*not applicable to the 9600 modular light. See page 4-5 for full product specs

+ BUILT TO LAST

Made of polycarbonate / ABS and/or polypropylene (depending on the model), these extremely tough portable flood lights, have been tested and proven in the harshest and most demanding work environments by first responders, military and defense, aerospace, and industrial customers.

+ ENERGY EFFICIENT

Each RALS is designed with LED technology to provide a better quality of light, high reliability and low energy consumption. The result is an energy efficient lighting solution with low long-term operating and maintenance costs.

+ RECHARGEABLE BATTERY

All units, except the 9600 flood light, employ a silent, rechargeable sealed battery, freeing users to work virtually anywhere, on or off the grid, without a generator.

+ MULTI-TERRAIN TROLLEY

(ONLY ON 9460M, 9470M)

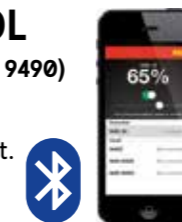


Large 38 cm polyurethane wheels allow for easier transport across rough surfaces. Moulded feet level and stabilise case.

+ BLUETOOTH™ CONTROL

(ONLY ON 9440, 9460/M, 9470/M, 9480, 9490)

Bluetooth app controls multiple units and variable light from 0-100% output. Free App for iOS™ and Android™.



+ SWAPPABLE POWER PACK

(ONLY ON 9480, 9490)

Swappable power pack w/12v aux. port adapter powers smartphones, laptops, etc.



+ BATTERY LEVEL INDICATOR



Full time battery level indication.

+ 12V POWER SUPPLY WITH DUAL USB ADAPTER

(ONLY ON 9460/M, 9470/M)

12 volt power supply port can be used to power any electrical product that utilizes a standard 12v vehicle style connector (up to 4 amps) or a variety of USB connections.



9600 LED MODULAR LIGHT

LINEAR LIGHTING WITHOUT DARK SPOTS

+ HSE COMPLIANT LINEAR LIGHTING

Now it's easy to light up long stretches of rail track, tunnels and even a makeshift runway without the hassles of conventional heavyweight light towers. The Peli™ 9600 LED Modular Light utilises specialist optics to offer continuous lighting in order to fully comply with the HSE (Health, Safety, Environment) requirement for illumination.

Also, with less 9600 lights chained up, you will be able to cover the same work area as other linear lights, having a cost-effective result.

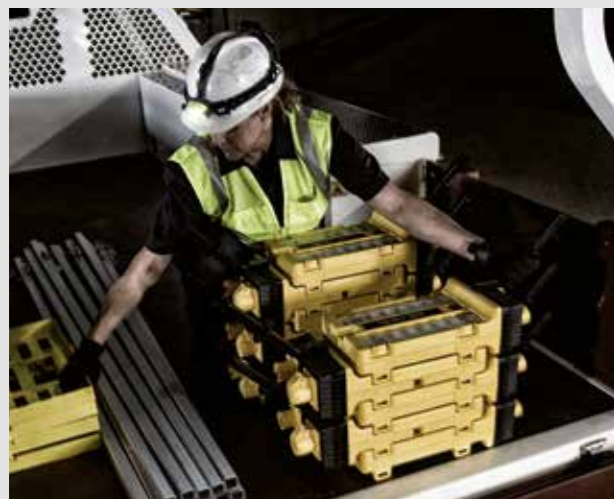


Peli™ 9600 LED Modular Light illuminates a clean, seamless beam spread without dark spots. Competitive lights produce a dull, uneven beam spread.



+ MULTIPLE WAYS TO LIGHT UP A WORK SITE

Engineered with side/end bracket mount receptors and four strap attachment points, plus a stand system that can extend up to 3 m, the Peli 9600 LED Modular Light is ready to mount to fences, hang overhead or stand on its own.



+ PACK TIGHT AND GAIN EFFICIENCY

The Interlocking Stack Pattern makes transportation and storage simple, resulting in a cost-effective use of space.

LEDs tilt 15° each way to adjust light wherever you need it



EU and UK plug available

+ ROBUST LIGHTING FOR HEAVY DUTY APPLICATIONS

The 9600 offers minimal light transmission loss in comparison to similar linear lights; the declared 3000 lumen value per light head is the true verified light output.

The durable design with internal shock supports has been tested onto concrete to withstand drops from 3 m and wind speeds of up to 40 km/h in extended mode (2,85 m mast) and up to 35 km/h when folded (1,85 m). Proof that this light has been designed for use in extreme outdoor conditions.

+ KEY BENEFITS

- HSE Compliant. Wider work area: dark spots eliminated (reduce slips/falls)
- Low power (fewer generators)
- Reduced fuel consumption
- Reduced breakages / longer service / less downtime
- Compact & easy to transport / deploy
- No glass breakables
- Maintenance free

9600

- LIGHT SOURCE// LED
- DIMENSIONS HEAD// 46.5 x 21 x 12 cm (18.31" x 8.27" x 4.72")
- LIGHT HEAD HEIGHT (MAX.)// 289.6 cm (114")
- CORD LENGTH// 1402.1 cm (552')
- BEAM SPREAD// 120°
- INPUT VOLTAGE// 90 – 260V
- POWER// 23 Watts
- LUMENS// 3000
- NUMBER OF LEDS// 14
- WEIGHT// 4.1 kg (9.04 lbs)
- COLOUR//



9455Z0 - WORLD'S SAFEST WORKLIGHT

+ THE DANGER ZONE NEVER LOOKED SO BRIGHT

Now you can take remote area lighting to hazardous areas around the globe. The Peli™ 9455Z0 RALS is our first area light that's ATEX Zone 0 (Cat. 1) approved allowing you to work where flammable gases, vapors or liquids are present.



Weighing in at 7,3 kg and completely collapsible, the Peli™ 9455Z0 RALS is easy to carry and set up for the next task.



+ UNCOMPROMISING OUTPUT

Most safety certified lights use lower lumens to minimise heat generated by the lamp module. The result is a dimmer light and unsafe work areas. The Peli™ 9455Z0 RALS delivers on all cylinders without compromise. Our engineers developed the Peli™ 9455Z0 RALS to output up to 1600 lumens of clean, bright light that meets hazardous area requirements at the same time.



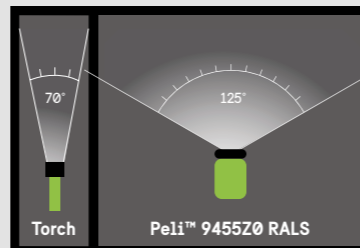
+ CHARGED FOR YOUR ENTIRE WORK SHIFT

Powered by a NiMH battery, the Peli™ 9455Z0 RALS extracts 10 hours on a single charge, while also maintaining peak brightness on the job. You'll never be caught in the dark- the flashing low battery warning gives you 30 minutes of reserve light.



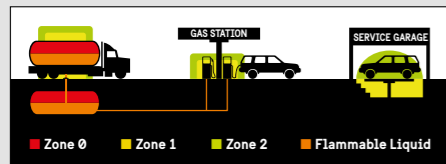
+ SEE EVERY NOOK AND CRANNY

The Peli™ 9455Z0 RALS projects a 125° beam spread that can help prevent workplace injuries. Conventional torches produce a narrow beam lighting up only small concentrated areas. The 125° beam spread from the Peli™ 9455Z0 RALS lights up the entire work area so you see the work at hand and the peripheral hazards around you, leading to better situational awareness.



+ HAZARDOUS AREAS: WE TAKE CARE OF YOUR SAFETY

Ignition from lighting products can occur from either the heat of the lamp module or the activation switch, which can emit a spark when activated. The solution is to contain or reduce heat, and also isolate the switch in an airtight enclosure, preventing ingress of gases present in the environment.



HAZARDOUS AREA ELECTRICAL GUIDELINES					
	SUBSTANCE	TYPICAL ENVIRONMENTS	US CLASSIFICATIONS	EUROPEAN CLASSIFICATION	VOLATILITY*
CLASS I	Flammable Gasses, Vapors or Liquids (Acetylene, Hydrogen, Ethylene, Propane)	- Oil Refinery - - Paint Warehouse - - Offshore Oil Rig - - Spray Booth -	Division 1 (Hazard Likely)	Category 1 / Zone 0 (Hazard Certain)	MOST ↑
			Division 2 (Hazard Not Likely)	Category 2 / Zone 1 (Hazard Likely)	
CLASS II	Combustible Dusts (Metals [Div.1 only], Coal, Grain)	- Coal Mine - - Grain Silo - - Munitions Factory - - Hay Storage Facility -	Division 1 (Hazard Likely)	Category 1 / Zone 20 (Hazard Certain)	
			Division 2 (Hazard Not Likely)	Category 2 / Zone 21 (Hazard Likely)	
CLASS III	Ignitable Fibers & Flyings (Machined Magnesium)	- Paper Mill - - Woodworking Facility - - Textile Mill - - Cotton Gin -	Division 1 (Hazard Likely)	N/A	↓ LEAST
			Division 2 (Hazard Not Likely)	N/A	

* A torch certified to Category 1 (Zone 0) is safe for use in areas rated Category 2 (Zone 1) and Category 3 (Zone 2). Conversely the opposite is not possible. This information should be taken only as a guideline. Contact us for specific details on both, US and European Directives.

PORTABLE LED WORKLIGHT SOLUTIONS

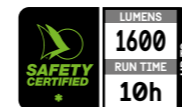
9430

- LIGHT SOURCE// High Flux LEDs
- DIMENSIONS// 40 x 20 x 23 cm (15.75" x 7.87" x 9.06")
- LIGHT HEAD HEIGHT (MAX.)// 82 cm (32.28")
- BEAM SPREAD// 125°
- Large Area Coverage
- Low Battery Warning System



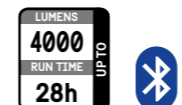
9455Z0

- LIGHT SOURCE// High Flux LEDs
- DIMENSIONS// 39 x 20 x 23 cm (15.35" x 7.87" x 9.06")
- LIGHT HEAD HEIGHT (MAX.)// 80 cm (31.50")
- BEAM SPREAD// 125°
- CERTIFICATIONS// II 1G Ex ia op is IIC T4 Ga
- Full Time Battery Level Indication with low battery warning
- High/Low/Flashing modes

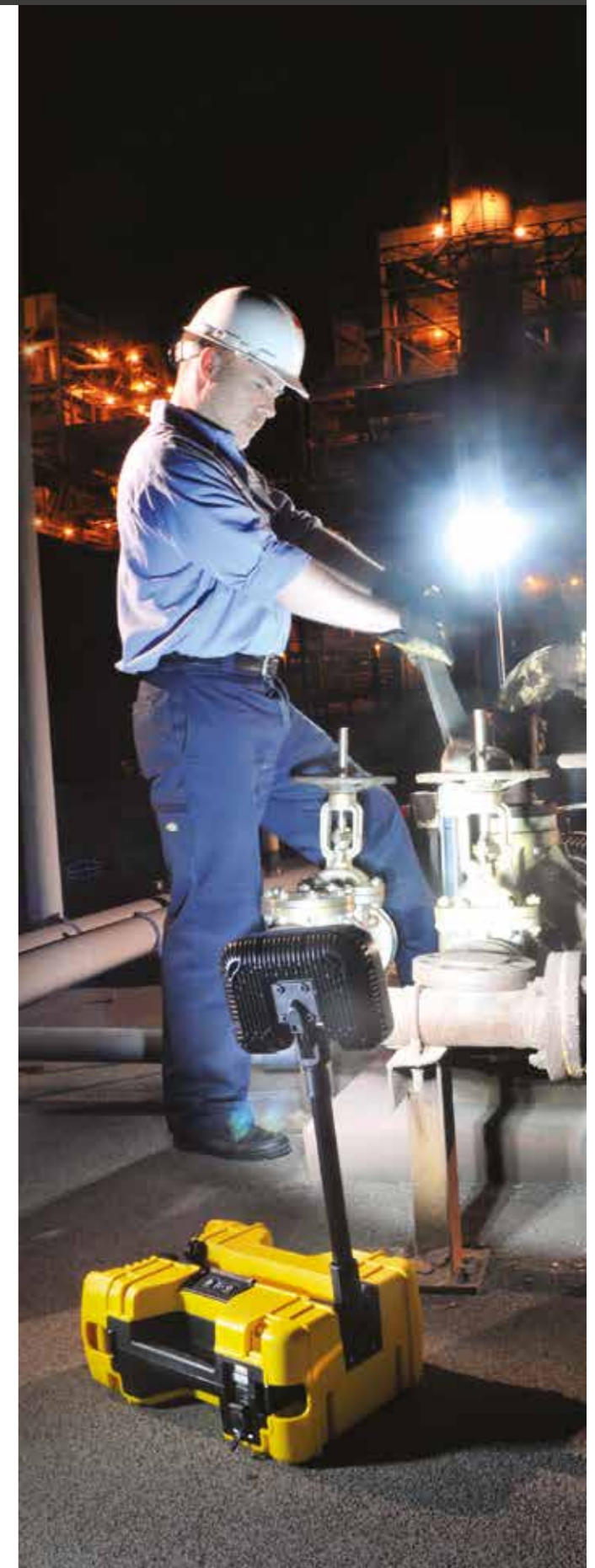


9480

- LIGHT SOURCE// High Flux LEDs
- DIMENSIONS// 39.4 x 16.5 x 26 cm (15.5" x 6.5" x 10.25")
- LIGHT HEAD HEIGHT (MAX.) // 60.3 cm (23.75")
- BEAM SPREAD// 125°
- 3 pre-set light output levels
- Full time battery level indication with low level flashing indicator
- Quick release / Hot swappable battery design with 12 volt power supply



*For more information on the ATEX Zone 0 & 1 lights, see page 3



PELI RALS RANGE

9440



- LIGHT SOURCE//**
High Flux LEDs
- DIMENSIONS//**
95 x 20 x 20 cm
(37.40" x 7.87" x 7.87")
- LIGHT HEAD HEIGHT (MAX.)//**
215.9 cm (85.0")
- BEAM SPREAD//**
125°
- Deployable 2,1 m Mast
 - Battery level indicator

LUMENS
5300
RUN TIME
UP TO
8h



9460M



- LIGHT SOURCE//**
High Flux LEDs
- DIMENSIONS//**
59.1 x 35.6 x 23.5 cm
(23.25" x 14.00" x 9.25")
- LIGHT HEAD HEIGHT (MAX.)//**
201.9 cm (79.50")
- BEAM SPREAD//**
120°
- Multi-Terrain Trolley
 - 12volt Power Supply with Dual USB Adapter
 - Housed in a Peli™ Protector Case™

LUMENS
12000
RUN TIME
UP TO
24h



9470



- LIGHT SOURCE//**
High Flux LEDs
- DIMENSIONS//**
62.9 x 50.8 x 29.8 cm
(24.75" x 20.00" x 11.75")
- LIGHT HEAD HEIGHT (MAX.)//**
208.3 cm (82.00")
- BEAM SPREAD//**
120°
- 12volt Power Supply with Dual USB Adapter
 - Full time battery level indication with low level flashing indicator
 - Housed in a Peli™ Protector Case™

LUMENS
24000
RUN TIME
UP TO
24h



PELI RALS RANGE



9460



- LIGHT SOURCE//**
High Flux LEDs
- DIMENSIONS//**
59.1 x 35.6 x 23.5 cm
(23.25" x 14.00" x 9.25")
- LIGHT HEAD HEIGHT (MAX.)//**
201.9 cm (79.50")
- BEAM SPREAD//**
120°
- 12volt Power Supply with Dual USB Adapter
 - Full time battery level indication with low level flashing indicator
 - Housed in a Peli™ Protector Case™

LUMENS
12000
RUN TIME
UP TO
24h

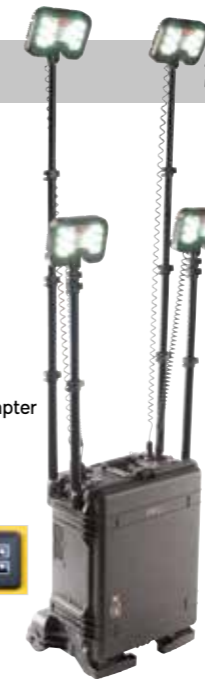


9470M



- LIGHT SOURCE//**
High Flux LEDs
- DIMENSIONS//**
62.9 x 50.8 x 29.8 cm
(24.75" x 20.00" x 11.75")
- LIGHT HEAD HEIGHT (MAX.)//**
208.3 cm (82.00")
- BEAM SPREAD//**
120°
- Multi-Terrain Trolley
 - 12volt Power Supply with Dual USB Adapter
 - Housed in a Peli™ Protector Case™

LUMENS
24000
RUN TIME
UP TO
24h



9490



- LIGHT SOURCE//**
High Flux LEDs
- DIMENSIONS//**
50.8 x 16.5 x 28.6 cm
(20.00" x 6.50" x 11.25")
- LIGHT HEAD HEIGHT (MAX.)//**
182.9 cm (72.0")
- BEAM SPREAD//**
125°
- Deployable 1,83 m Mast
 - Intelligent Control (allows various light output levels)
 - Full time battery level indication with low level flashing indicator
 - Quick release / Hot swappable battery design with 12 volt power supply

LUMENS
6000
RUN TIME
UP TO
24h



PELI RALS RANGE



RAIS SPECIFICATIONS

MODEL	9430	9440	9455Z0	9460/M	9470/M	9480	9490	9600
LIGHT SOURCE	High Flux LEDs	High Flux LEDs	High Flux LEDs	High Flux LEDs	High Flux LEDs	High Flux LEDs	High Flux LEDs	High Flux LEDs
LAMP HEADS	1	1	1	2	4	1	1	1
NO. OF LEDS	6	12	10	20	40	8	10	14
BEAM SPREAD	125°	125°	125°	120°	120°	125°	125°	120°
BATTERIES	12v Rechargeable, Sealed	Rechargeable Lithium ion	NiMH	12v Rechargeable, Sealed	12v Rechargeable, Sealed	12v Rechargeable, Sealed Lead Acid SLA	12v Rechargeable, Sealed Lead Acid SLA	n/a
CALCULATED LUMEN VALUE	3000*, 1500***	5300*, 2800**, 1400***	1600*, 800***	12000*	24000*	4000*, 3000**, 1000***	6000*	3000
BATTERY RUN TIME	8h*, 15h***	1h 50m*, 4h**, 8h***	5h*, 10h***	3h*, 24h***	2.75h*, 24h***	6h*, 8h**, 28h***	3.5h*, 12h**, 24h***	
DIMENSIONS (CLOSED)	40 x 20 x 23 cm (15.75" x 7.87" x 9.06")	95 x 20 x 20 cm (37.4" x 7.87" x 7.87")	39 x 20 x 23 cm (15.35" x 7.87" x 9.06")	59.1 x 35.6 x 23.5 cm (23.25" x 14.00" x 9.25")	62.9 x 50.8 x 29.8 cm (24.75" x 20.00" x 11.75")	39.4 x 16.5 x 26 cm (15.5" x 6.5" x 10.25")	50.8 x 16.5 x 28.6 cm (20.0" x 6.5" x 11.25")	Cord Length: 1402.1 cm (552")
HEAD	16.5 x 20 x 6.5 cm (6.5" x 7.87" x 2.56")	20 x 20 x 8.9 cm (7.87" x 7.87" x 3.5")	21 x 14.5 x 5 cm (8.26" x 5.71" x 1.97")	21 x 14.6 x 5.7 cm (8.25" x 5.75" x 2.25")	21 x 14.6 x 5.7 cm (8.25" x 5.75" x 2.25")	21 x 14.6 x 5.7 cm (8.25" x 5.75" x 2.25")	21 x 14.6 x 5.7 cm (8.25" x 5.75" x 2.25")	46.5 x 21 x 12 cm (18.31" x 8.27" x 4.72")
LIGHT HEAD HEIGHT (MAX.)	82 cm (32.28")	215.9 cm (85.0")	80 cm (31.50")	201.9 cm (79.50")	208.3 cm (82.00")	60.3 cm (23.75")	182.9 cm (72.0")	289.6 cm (114")
WEIGHT	10.27 kg (22.65 lbs)	7.3 kg (16.09 lbs)	7.3 kg (16.00 lbs)	9460: 27.7 kg (61.00 lbs) 9460M: 29kg (64.00 lbs)	9470: 47.6 kg (105.00 lbs) 9470M: 49 kg (108.00 lbs)	12.5 kg (27.5 lbs)	14.5 kg (32.0 lbs)	4.1 kg (9.04 lbs)
COLOURS	■ ■	■ ■	■	■ ■	■ ■ ¹	■ ■	■ ■	■
APPROVALS	CE, RoHS Compliant	CE, RoHS Compliant	II 1G Ex ia op is IIC T4 Ga	CE, RoHS Compliant	CE, RoHS Compliant	CE, RoHS Compliant	CE, RoHS Compliant	
IP RATING	54	65	54	54	54	54	54	44

*High | **Medium | ***Low | ¹ Figures calculated from LED manufacturer data | ² Yellow colour available upon minimum order quantities | Additional approvals may apply. For details go to www.peli.com

RAIS ACCESSORIES

9430	9440	9455Z0	9460/M	9470/M	9480	9490	9600
9430TP - Tripod 9433B - Socket Adaptor 9436B - 12/24V Vehicle Charger 9437B - Extension Cord (Black Connector) 118 inches (3m) 9438B - Universal Charger 1460AALG - 1460 Case with Custom Fit Foam	9446 - 12/24v DC Vehicle Charger 9447 - 12/24v Vehicle Charger 9443 - Shoulder Strap	1460AALG - 1460 Case with Custom Fit Foam	9466 - 12/24v Vehicle Adaptor 9466B - 12/24V Vehicle Charger 9467 - Gen II Extension Cord (Green Connector) 118 inches (3m)	9466 - 12/24v Vehicle Adaptor 9467 - Gen II Extension Cord (Green Connector) 118 inches (3m) 9476B - Vehicle Charger 12-24V ASSY, 9470B/RS	9447 - 12/24v Vehicle Charger 9487 - Padded Shoulder Strap 9489 - Powerpack	9447 - 12/24v Vehicle Charger 9487 - Padded Shoulder Strap 9489 - Powerpack	9607 - Steel Light Base 9606 - Power Cable 9605 - Aluminium Pole

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* We also have offices in Canada, Japan, China, Australia and South Korea

PELI 1 YEAR LIMITED GUARANTEE

Peli Products, S.L.U. ("Peli") guarantees its Remote Area Lighting Systems (RALS) against defects in materials and workmanship under normal use, service, and maintenance for a period of one year from the date of purchase. This warranty applies only to the original purchaser and is not transferable. All warranty claims of any nature are barred if the case has been altered, damaged or in any way physically changed, or subjected to abuse, misuse, negligence or accident.

For complete warranty details, see www.peli.com/guarantee

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PELInsights



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This and more on the brand new PELI blog!



Check out our video on RALS!

RALS
 Power.
 Safety.
 Clean Energy.

