PELI™

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 360º 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.

+ 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.

+ 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™.

+ BATTERY LEVEL INDICATOR

Full time battery level indication.

+ 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.

+ 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.

+ SWAPPABLE POWER PACK

(ONLY ON 9480, 9490)

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

+ 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.

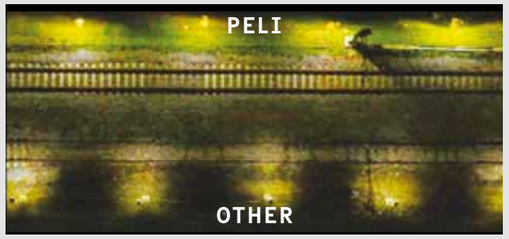
9600 LED MODULAR LIGHT

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.

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//
120º

INPUT VOLTAGE//
90 – 260V

POWER//
23 Watts

LUMENS//
3000

NUMBER OF LEDS//
14

WEIGHT//
4.1 kg (9.04 lbs)

COLOUR//

+ 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 elmininated (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

PELI RALS 9600 LED MODULAR LIGHT

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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

UPTO 1600 LUMENS

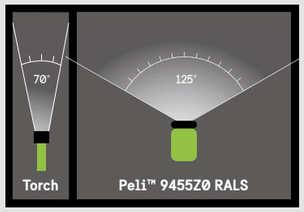
Most safety certified lights use lower lumens to minimise heat generated by the lamp module. The result is a dimmer light and unsafe work areas. The Peli™ 9455Z0 RALS delivers on all cylinders without compromise. Our engineers developed the Peli™ 9455Z0 RALS to output up to 1600 lumens of clean, bright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

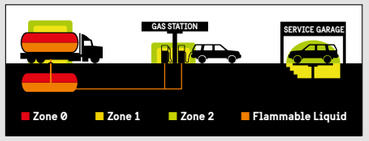
+ SEE EVERY NOOK AND CRANNY

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
				Category 2 / Zone 1 (Hazard Likely)	
			Division 2 (Hazard Not Likely)	Category 3 / Zone 2 (Hazard Not 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)	
				Category 2 / Zone 21 (Hazard Likely)	
			Division 2 (Hazard Not Likely)	Category 3 / Zone 22 (Hazard Not Likely)	
CLASS III	Ignitable Fibers & Flyings (Machined Magnesium)	– Paper Mill – – Woodworking Facility – – Textile Mill – – Cotton Gin –	Division 1 (Hazard Likely)	N/A	
			Division 2 (Hazard Not Likely)	N/A	LEAST

* 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.

For the most up-to-date information, please visit www.peli.com or www.pelicatalogue.com
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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//
125º

- Large Area Coverage
- Low Battery Warning System

LUMENS 3000 UP TO
RUN TIME 15h

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//
125º
CERTIFICATIONS//
II 1G Ex ia op is IIC T4 Ga

- Full Time Battery Level Indication with low battery warning
- High/Low/Flashing modes

SAFETY CERTIFIED
LUMENS 1600 UP TO
RUN TIME 10h

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//
125º

- 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

LUMENS 4000 UP TO
RUN TIME 28h

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

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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//
125º

- Deployable 2,1 m Mast
- Battery level indicator

LUMENS 5300 UP TO
RUN TIME 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//
120º

- Multi-Terrain Trolley
- 12volt Power Supply with Dual USB Adapter
- Housed in a Peli™ Protector Case™

LUMENS 12000 UP TO
RUN TIME 24h

9470

LIGHT SOURCE//
High Flux LEDs

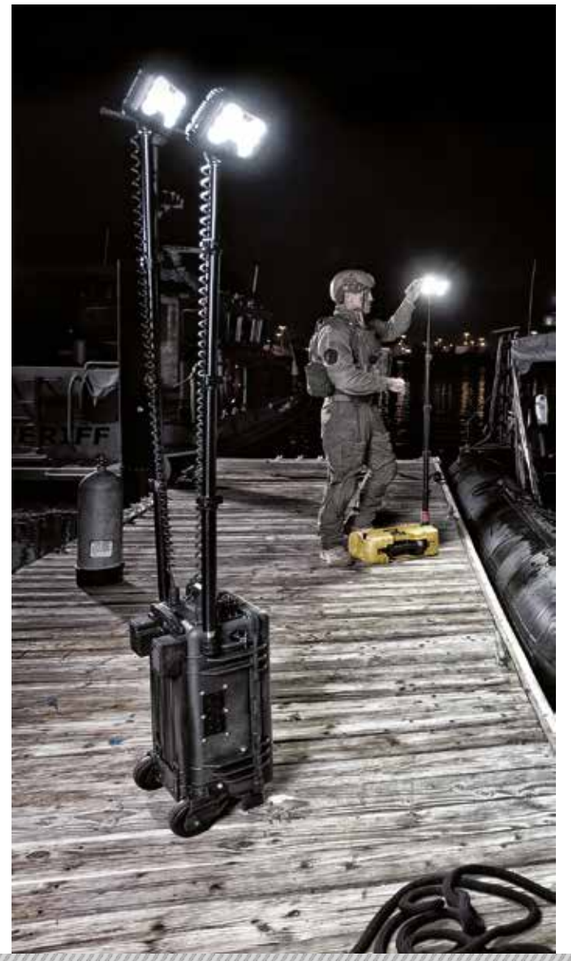
DIMENSIONS//
62.9 x 50.8 x 29.8 cm
(24.75" x 20.00" x 11.75")

LIGHT HEAD HEIGHT (MAX.)//
208.3 cm (82.00")

BEAM SPREAD//
120º

- 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 UP TO
RUN TIME 24h



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//
120º

- 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 UP TO
RUN TIME 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//
120º

- Multi-Terrain Trolley
- 12volt Power Supply with Dual USB Adapter
- Housed in a Peli™ Protector Case™

LUMENS 24000 UP TO
RUN TIME 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//
125º

- 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 UP TO
RUN TIME 24h

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RALS **SPECIFICATIONS**

MODEL	9430	9440	9455Z0 Ex	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	125º	125º	125º	120º	120º	125º	125º	120º
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" x7.87")	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 | ^ Figures calculated from LED manufacturer data | [1] Yellow colour available upon minimum order quantities | Additional approvals may apply. For details go to www.peli.com

RALS **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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PELI RALS SPECIFICATIONS & ACCESSORIES

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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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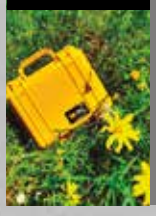

Check out our latest posts on Peli RALS, get to know our Pro Users and take part in our different programs.

This and more on the brand new PELI blog!