

A low-angle, close-up shot of a male mechanic with blonde hair and a beard, looking upwards while working on a car engine. He is using a screwdriver. A bright blue Philips LED work light is clipped to the engine, illuminating the scene. The background is dark, emphasizing the light from the work light. The overall tone is professional and focused.

PHILIPS

Professional
LED Work Lights



Defeat
darkness

RCH21



Defeat **darkness**

When you're repairing or maintaining vehicles, there's no room for errors. Our professional workshop lamps feature powerful LEDs for intense white light and a wide beam to illuminate every detail with pinpoint precision. Designed to optimise clarity and vision, the natural white light improves visual comfort for fatigue-free working. So even when you're working on the toughest problems, or in the tightest spaces, you can be sure you have the right tools for the job.



RCH6



RCH6

Powerful LED light for **comfortable, safe working**

High power LEDs for maximum light performance

Our lamps feature powerful, high-quality LEDs for a bright, intense light with maximum performance that optimises clarity and vision.

Highest light output with white LED light

The white LED light has a high lumen output to guarantee you have more visible light.

Wide beam angle with even light distribution

The wide beam of bright light is distributed evenly over the illuminated area, giving you the optimum overview and lighting every detail with pinpoint precision.

Natural white light (6000 K) for visual comfort

Our white LEDs have a color temperature of 6000 K. They produce a natural white light that's easy on the eye, improving visual comfort and reducing eye strain for fatigue-free working.

Extremely durable with extra resistant housings

Extra robust with water, dirt and dust protection

In extreme environments you need tools that are up to the job. Our lamps are water, dirt and dust protected to IP54 and IP67 standards, so they shrug off whatever life throws at them.

Durable housings that are impact and shock resistant

Designed for durability, they feature impact- and shock-resistant housings that pass the IK07 and IK09 drop tests with flying colors.

Highly resistant to grease and workshop solvents

They're also highly resistant to the grease, chemicals and solvents that are commonly used in workshops, so you can place them anywhere, worry free.



PEN20



PEN20



PEN20

Hands-free working

Work better with hands-free lighting

Hands-free lighting means you can work better too. Our lamps come with clever hooks, clips, detachable cables and magnets, so you can use two hands when you working and improve your performance.

Shadow-free beams for optimal visibility

Wide and focused beams optimise visibility and eliminate shadows, so our lamps are comfortable and easy on the eye.

The right lamp **for the job**

A versatile range that covers every garage need

The range of LED lamps provides the best light for every workshop task, from brief inspections to maintenance and repair work. From professional workshop LED penlights and inspection lamps to rechargeable work lamps and multi-directional lighting systems, we have the right lamp for the job.

Long-lasting battery life from 5 to 11 hours

The batteries in all our lamps are designed to last from 5 to 11 hours. So you can work a full day without interruption and recharge them overnight, ready to start work again the next day.

Professional LED inspection lamps

MatchLine LED
Color check lamps

Light output
(lumens)

Beam

Name

Pointer

Power supply

Mounting

FindMe LED

Robustness

Grease
resistant

Order Entry

GOC

100 / 50*

50°



HDL10

130

40°



Penlight
Professional

20
lm



IP
X4



LPL19B1

38819031

200 / 100*

80°



PEN20



IP
54

IK
07



LPL42X1

39631731

145

80°



Penlight
Premium

120
lm



IP
54

IK
07



LPL28RECHX1

39220394

130 / 70*

90°



RCH6



IP
54

IK
07



LPL38X1

39607231

150

120°



RCH10



IP
54

IK
07



LPL20X1

39060531

240 / 120*

90°



RCH21



IP
54

IK
07



LPL33X1

39417731 (EU)
39452831 (UK)

350 / 150*

90°



RCH31UV



IP
54

IK
07



LPL34UVX1

39419131

330

120°



CBL10



IP
54

IK
07



LPL35X1

39421431

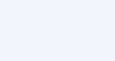
330 / 150*

75°



CBL40

90
lm



IP
54

IK
07



LPL22X1

39062931

900

75°



CBL50



IP
54

IK
07



LPL24X1

39066731 (EU)
39450431 (UK)

2300 / 1200*

90°



PJH20



IP
67

IK
09



LPL39X1

39609631

1500 / 750*

360°
total illumination



MDLS CRI



IP
54

IK
07



LPL403MODX1

39627066



HDL10

Professional LED headlamp

LPL29B1



Dual light mode

- 100 lm Boost LED light for high-precision tasks
- 50 lm Eco LED light for a quick inspection

Wide beam angle

- 50° beam angle
- Long-lasting LED

Quality finishing

- 90° pivoting lamp head
- Adjustable headband
- Water resistant
- Powered with 3 x AAA Philips batteries

HDL10



Penlight Professional

The portable inspection tool

LPL19B1



Very intense white light for optimal vision

- High quality LEDs with 130 lm light output
- Natural white light of 6000 K

Access very narrow cavities

- LED pointer on top: 20 lm
- Small and compact

Up to every inspection job

- Water and dust-proof: IP54
- Shock-resistant housing
- 11-hour battery autonomy

Penlight Professional



PEN20

High-quality LUXEON® LED rechargeable compact lamp

LPL42X1



High-quality white LED light

- Defeat darkness with bright and soft natural light
- High-quality LUXEON® LED light up to 200 lumens
- Lights up a large work area with 80° wide beam angle

Ultra-durable battery

- New battery lasts 5x longer than most rechargeable batteries
- Up to 4.5 hours of continuous light after 2-hour charge

High-resistance

- Robust casing is impact resistant to the IK07 standard
- Resistant to water and dust to IP54 standard
- Highly resistant to chemicals and workshop solvents

Hands-free lighting

- Work hands-free with built-in 80° swivel hook and magnet



Display also available

PEN20



Penlight Premium

High-power LUXEON® Rebel LED lamp in a compact format

LPL28RECHX1



Comfortable light for fatigue-free work

- High-power LUXEON® LEDs with 145 lm light output
- Natural white light of 6000 K
- Homogeneous, wide beam

See what remains hidden to others

- Strong LED pointer of 120 lm
- Robust, comfortable and hands-free

Rotatable clip holder with integrated magnet

- Robust aluminium housing with soft grip

Fast charging and consistent light output

- Latest battery technology delivers a great battery life
- Up to 6-hour battery autonomy

Penlight Premium

Philips RCH6

The Philips RCH6 LED inspection lamp is designed for all quick inspection jobs. Its compact design and 130 lm strong light makes it extremely versatile. And the headband (supplied) allows full hands-free lighting.

RCH6

RCH6

Compact pocket
& head lamp

LPL38X1



Pocket & head dual function

- Revolutionary design with pocket & head dual application
- 90° pivoting headlamp
- Strong magnet on the back and headband for hands-free use
- Find-Me red light when in stand-by mode

Superior bright light

- Defeat darkness with soft natural light
- High-power Philips LED light up to 130 lumens (Boost) - 70 lm (Eco)
- Wide beam angle: 90°

Ultra- durable and fast charging battery

- New advanced battery - Long autonomy & super-fast recharge
- 5x longer battery lifetime

High resistance

- Resistant to impacts & solvents - IK07 & IP54

RCH10

Cordless professional
lighting tool

LPL20X1



Superior bright light

- White LED light - 150lm
- Wide beam angle: up to 120°

Robust and resistant

- Robust protective housing: IP54 and IK07

Hands-free lighting

- Cordless, with rotating hook
- Easy-opening cap with strong magnet



RCH21

Rechargeable lamp
with docking

LPL33X1



High power white LED light

- Defeat darkness with soft natural light
- High power LED light: 240 lm Boost & 120 lm Eco
- Wide beam angle: 90°

High resistance

- Strong impact resistance - IK07
- Water, dust & solvents protected - IP54

Ultra-durable battery

- 5x longer lifetime with new battery
- Long autonomy – 6 hours
- Super-fast recharge – 1.5 hours

Handy and versatile

- 90° flexible light module
- Hands-free: 360° retractable hook & strong magnet
- Find-Me red light when in stand-by mode

RCH21



RCH31UV

UV Light Leak Detector

LPL34UVX1



High power white LED light

- High-power LED light: 350 lm Boost & 150 lm Eco
- Wide beam angle: 90°
- UV light leak detector

High resistance

- Strong impact resistance - IK07
- Water, dust & solvents protected - IP54
- Ultra-durable battery
- 5x longer lifetime with new battery
- Long autonomy – 8 hours
- Super-fast recharge – 2.5 hours

Handy and versatile

- 90° flexible light module
- Hands-free: 360° retractable hook & strong magnet
- Find-Me red light when in stand-by mode

RCH31UV



CBL10

CBL10

Professional lighting tool

LPL35X1



High power white LED light

- High power LED light: 330 lumens
- Wide beam angle: 120°

High resistance

- Resistant to chemical & workshop solvents
- Strong impact resistance -IK07
- Water & dust protected -IP54

Compact & hands-free lighting

- 5m cable and 360° retractable hook

CBL40

Professional multi-usage lamp

LPL22X1



Dual corded and cordless usage

- 6-metre cable
- Up to 2 hours of cordless usage

More light output

- High-power LED
- 100° beam angle

More eye comfort

- White LED light
- 6500 K

Powerful LED focus light

- With high-power LED

Hands-free lighting

- 360° clipping hook with magnet



CBL50
Professional bonnet lamp
LPL24X1



More light output

- High-power LED
- 100° beam angle

More eye comfort

- White LED light
- 6500 K

High resistance

- Robust aluminium housing
- Water and dust-proof

Hands-free lighting

- Adjustable telescopic mounting

CBL50



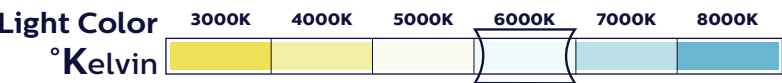
CBL50

With MatchLine daylight, see better, work better

True color match, designed for pros

Philips MatchLine provides powerful white light, high color rendering index and 6000K true daylight color temperature. This means with the MatchLine, you can work on your paint, polish, cleaning or prep-zone as if you were working outdoors on a bright sunny day.

And the lamp is not only designed to provide you with clearer vision; the softer white light is also gentler on your eyes, reducing fatigue as you work.



What is the color rendering index?

The effect of a light source on color appearance is expressed in the color rendering index (CRI), on a scale of 0-100. Natural outdoor light has a CRI of 100 and is used as the standard of comparison for any other light source. The higher the Color Rendering Index (CRI), the easier it is to identify the right color.

Fitted with Lumileds LUXEON® LEDs, the Philips MatchLine PJH20 delivers light of CRI 92, perfect for color recognition.

Philips MatchLine range comes with two products and accessories to provide different lighting solutions for car painters.



See all details and colors as in white daylight

Philips MatchLine, the first white daylight high CRI color check lamp

Philips MatchLine white light

Others' yellow light



LED color check projector PJH20

The **Philips MatchLine PJH20** LED work lamp is perfect for quick **color checks** and larger paint shop work. Two bright light modes will help you **achieve a quality finish**. And you can easily switch between **battery and cable** power sources.

It is also a powerful lighting tool for other repair and maintenance works!

True daylight match

- Easily match colors as if you were working in daylight
- CRI 92: best for tasks requiring the most accurate color match

Powerful light output

- Two-step light output: 2300lm (Boost) / 1200lm
- 90° wide beam angle
- Matte filter to reduce glare

New advanced battery

- Easily switch between rechargeable and cabled power source

High resistance & versatile

- IK09 impact resistant
- IP67 water, dust and chemical resistant
- Mountable on tripod

Compatible tripod is also available



MDLS 3-module multi-directional color check lamp for paint shop

Perfect for quick **color checks** and larger paint jobs, the **Philips MatchLine MDLS CRI** is an all-in-one LED work light. Powerful white light from 3 separate modules gives **360° control of light** for true color matching and a superior finish.

It is also a great tool for garage repair works!

True daylight match

- Easily match colors as if you were working in daylight
- CRI 92: best for tasks requiring the most accurate color match

Powerful light output

- Two-step light output: 1500lm (Boost) / 750lm
- 360° complete light coverage
- Matte filter

New advanced battery

- Advanced rechargeable battery provides 5x the charges*

High resistance & versatile

- IK07 impact resistant
- IP54 water, dust and chemical resistant
- Clamping hook and magnet
- Dimensions of the 3-module packaging: 16.2 x 14.7 x 34 cm

*1500 charging cycles instead of standard 300

Single spare part is also available



Compare our full range of professional inspection lamps

	HDL10	Penlight Professional	PEN20	Penlight Premium	RCH6	RCH10	RCH21	RCH31UV	CBL10	CBL40	CBL50	MDLS CRI	PJH20 CRI
Light output (Lumens)	50/100 lm	130 lm	100/200 lm	145 lm	70/130 lm	150 lm	120/240 lm	150/350 lm	330 lm	330 lm	900 lm	750/1500 lm	1200/2300 lm
Beam angle	50°	40°	80°	80°	90°	120°	90°	90°	120°	100°	100°	360°	90°
Boost mode (Lumens)	100 lm	-	200 lm	-	130 lm	-	240 lm	350 lm	-	-	-	1500 lm	2300 lm
Pointer (Lumens)	-	20	-	120	-	-	-	-	-	90	-	-	-
Color temperature (Kelvin)	6000	6000	6000	6000	6000	6000	6000	6000	6000	6500	6500	6000	6000
Number of LEDs	5+1	6+1	-	4+1	3	6	6	8	12	12+1	36	7	48
UV light	-	-	-	-	-	-	-	✓	-	-	-	-	-
Impact protection rating (IK)	-	-	IK07	IK07	IK07	IK07	IK07	IK07	IK07	IK07	IK07	IK07	IK09
Ingress protection ration (IP)	IPX4	IP54	IP55	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54		
Rechargeable	-	-	✓	✓	✓	✓	✓	✓	-	✓	-	✓	✓
Charging time (hours)	-	-	1.5 hr	2 hrs	1 hr	4 hrs	1.5 hrs	2.5 hrs	-	-	-	1lamp 1h/3lamp 2h	3.5h
Operating time (hours)	up to 10 hrs	up to 11 hrs	6 hrs	up to 6 hrs	2 hrs / 4hrs in boost/eco mode	up to 5 hrs	up to 6 hrs	up to 8 hrs	-	up to 2 hrs	-	1h/2,5h	2h/4h
USB plug	-	-	✓	✓	✓	-	✓	✓	-	-	-	-	-
Cable (meters)	-	-	-	-	-	-	-	-	5 m	6 m	5 m	-	5m
Holder	clip holder	clip holder	Clip holder	clip holder, 80° rotatable	Headband	360° rotatable hook	360° rotatable hook	360° rotatable hook	360° rotatable hook	clip-on hook, 360° rotatable	Telescopic holder	Hook	-
Magnet	-	-	✓	✓	✓	✓	✓	✓	-	✓	-	✓	-
Power consumption (Watt)	1.6 W	1.6 W	1,8 W	5 W	2W	2.5 W	2 W	3 W	5 W	5 W	15 W	5W	20W
Operating line voltage	4.5 V	4.5 V	100V-240V	100-240 V	100V-240V	100-240 V	100-240 V	100-240 V	100-240 V	100-240 V	100-240 V	3.2V	8.4V
Operating temperature	0-40°C	0-40°C	-20° - 60°	-10-50°C	-20° - 50°	-10-40°C	-20-50°C	-20-50°C	-10-50°C	-10-40°C	-10-40°C	lamp -20° to 60°	lamp -20° to 60°
Product weight	115 g	70 g	93 g	90 g	80 g	180 g	missing	missing	545 g	800 g	1000 g	1797g without adaptor (1 lamp223g)	1.35kg



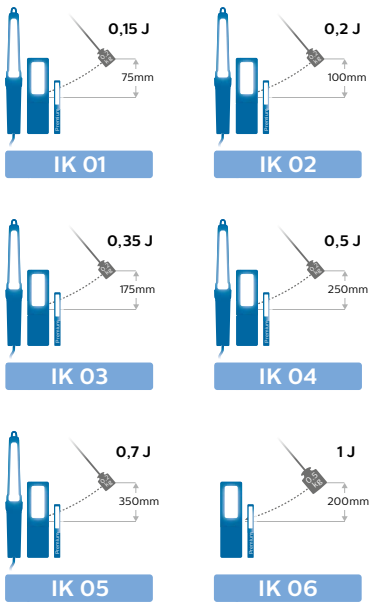
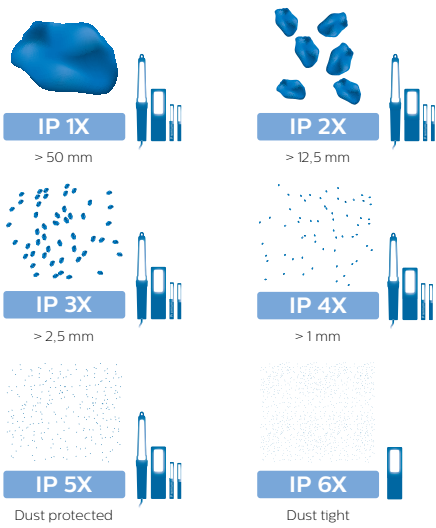
IP Ingress Protection

Degree of protection provided against the intrusion of solid objects, dust, accidental contact and water in electrical equipment.

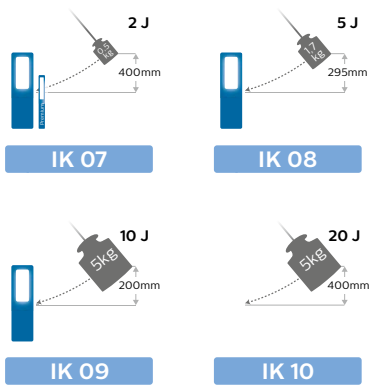
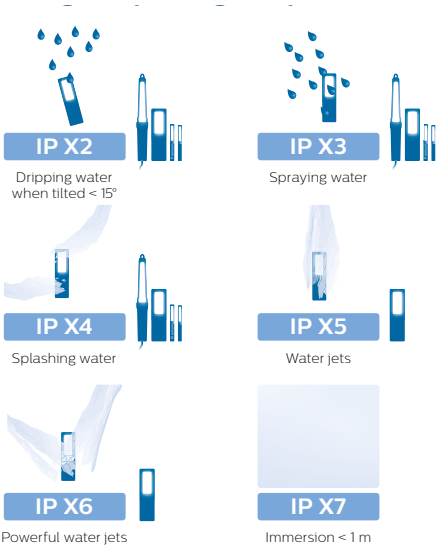
IK Impact Resistance

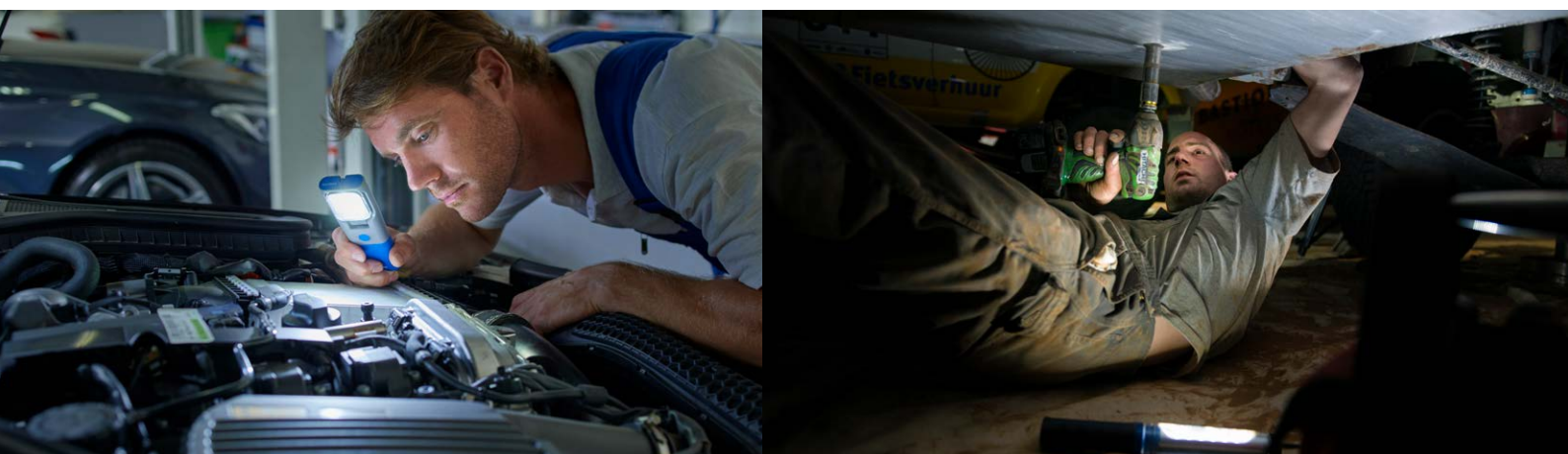
Degree of protection provided by enclosures for electrical equipment against external mechanical impacts.

1st digit: solid particle protection



2nd digit: liquid ingress protection





Ordering information

Product Name	Ordering Number	Plug	GOC	EAN1	EAN3	Packaging Quantity
HDL10	LPL29B1	-	39360631	8727900393606	8727900393699	6
Penlight Professional	LPL19B1	-	38819031	8727900388190	8727900388206	6
PEN20	LPL42X1	-	39631731	8727900396317	8727900396324	6
PEN20 counter display	LPL42XD	-	39671366	8727900396713	8727900396720	1
Penlight Premium	LPL28RECHX1	EU	39220394	8727900392203	8727900392210	4
RCH6	LPL32X1	EU	39607231	8727900396072	8727900396089	6
RCH10	LPL20X1	EU	39060531	8727900390605	8727900390612	6
RCH21	LPL33X1	EU	39417731	8727900394177	8727900394184	6
RCH21UK	LPL33X1	UK	39452831	8727900394528	8727900394535	6
RCH31UV	LPL34UVX1	EU	39419131	8727900394191	8727900394207	6
CBL10	LPL35X1	EU	39421431	8727900394214	8727900394221	6
CBL40	LPL22X1	EU	39062931	8727900390629	8727900390636	6
CBL50	LPL24X1	EU	39066731	8727900390667	8727900390674	6
CBL50UK	LPL24X1	UK	39450431	8727900394504	8727900394511	6
PJH20	LPL39X1	EU	39609631	8727900396096	8727900396102	6
PJH20 TRIPOD	LPL43X1	-	39634833	8727900396348	8727900396355	2
MDLS	LPL403MODX1	EU/UK	39627066	8727900396270	8727900396287	1
MDLS Spare	LPL41SPAREX1	-	39629433	8727900396294	8727900396300	2

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Notes

