

Cordless LED Lamps



TP-8690UV
OPTIMAX™ 365 Cordless, Rechargeable
UV Leak Detection Flashlight (Patent Pending)
— Makes Even Dirty Diesel Engine Oil Leaks
Glow Brightly!

- State-of-the-art, ultra-high intensity UV LED with 30,000-hour service life
- **4 times stronger** than most corded, high-intensity UV lamps
- Inspection range of up to 20 feet (6.1 m) or more
- Powered by a rechargeable NiMH battery
- Smart AC and DC chargers (AC charger available in 120V, 230V, 240V or 100V versions)
- TP-9939 UV-absorbing glasses
- Belt holster and padded carrying case



TP-8640CS
OPTIMAX Jr™ Cordless, Ultra-Compact
Blue Light Leak Detection Flashlight
— Powerful, Portable and Affordable!

- Very high intensity blue light LED with 100,000-hour service life
- Power comparable to high intensity 75W lamps
- Inspection range of up to 6 feet (1.8 m) or more
- Powered by 3 AA batteries (included)
- TP-9940 fluorescence-enhancing glasses
- Packaged in full-color hanging clamshell



TP-8620CS
OPTI-Lite™ Cordless, Economy
Blue Light Leak Detection Flashlight
— Budget Friendly!

- (6) blue light LEDs with 100,000-hour service life
- Power comparable to 50W lamps
- Inspection range of up to 2 feet (0.6 m) or more
- Powered by 3 AA batteries (included)
- TP-9940 fluorescence-enhancing glasses
- Packaged in full-color hanging clamshell



TP-8690
OPTIMAX™ 3000 Cordless, Rechargeable
Blue Light Leak Detection Flashlight
— Most Powerful Portable!

- Super-high intensity blue light LED with 50,000-hour service life
- **15 times brighter** than regular LED lights
- Power comparable to super-high intensity 150W lamps
- Inspection range of up to 20 feet (6.1 m) or more
- Compatible with all standard leak detection dyes
- Powered by a rechargeable NiMH battery
- 120V, 230V, 240V or 100V smart AC charger
- TP-9940 fluorescence-enhancing glasses



TP-9355
Dual-Max™ Cordless Multi-Function Flashlight
— Two Powerful LEDs! One Lightweight Lamp!

- Features super-bright blue light LED for leak detection, plus white light LED for component inspection
- Power comparable to high-intensity 75W lamps
- Inspection range of up to 6 feet (1.8 m) or more
- Lightweight, compact design allows easy access into tight spaces
- 100,000-hour LED service life
- Powered by 3 AAA batteries (included)
- TP-9940 fluorescence-enhancing glasses



TP-8670CS
Quad Max Pro™ (U.S. Pat. 6,491,408)
Flexible, Multi-Function UV Leak Detection
Lamp with Mirror
— Most Professional Flexible!

- Three lamp positions: UV/White/Off (3 UV LEDs for leak detection and 1 white light LED for regular inspection, all with 100,000-hour service life)
- Flexible head allows precise positioning in tight spots
- Adjustable service mirror helps pinpoint "hidden" leaks
- Powered by 3 "AAA" batteries (included)
- TP-9940 fluorescence-enhancing glasses
- Packaged in full-color hanging clamshell

Cordless LED Lamp Kits



CE

TP-8627 Complete OPTI-Lite™/EZ-Ject™ A/C and Fluid Kit

Contains:

- TP-8620CS OPTI-Lite™ economy, 6-LED blue light leak detection flashlight
- TP-9845 EZ-Ject™ A/C dye injector assembly, TP-9847 8" hose assembly, ¼" flare check valve, R-12 adapter/purge fitting and R-134a coupler, low side
- TP-9870 universal A/C dye cartridge for servicing up to 14 vehicles
- TP-3405CS – 1 oz (30 ml) bottle of Dye-Lite® All-In-One™ standard dye for oil, fuel, ATF, PS and hydraulics, services 1 vehicle
- TP-3900-0001CS – 1 oz (30 ml) bottle of Dye-Lite® water-based dye for coolant and auto body leaks
- TP-9940 fluorescence-enhancing glasses
- TP-1143 plastic carrying case



CE

TP-8647 Complete OPTIMAX Jr™/EZ-Ject™ A/C and Fluid Kit

Contains:

- OPTIMAX Jr™ high intensity blue light LED leak detection flashlight
- TP-9845 EZ-Ject™ A/C dye injector assembly, TP-9847 8" hose assembly, ¼" flare check valve, R-12 adapter/purge fitting and R-134a coupler, low side
- TP-9870 universal A/C dye cartridge for servicing up to 14 vehicles
- TP-3405CS – 1 oz (30 ml) bottle of Dye-Lite® All-In-One™ standard dye for oil, fuel, ATF, PS and hydraulics, services 1 vehicle
- TP-3900-0001 – 1 oz (30 ml) bottle of Dye-Lite® water-based dye for coolant and auto body leaks
- TP-9940 fluorescence-enhancing glasses
- TP-1143 plastic carrying case



CE

TP-8646 OPTIMAX Jr™/EZ-Shot™ A/C Kit

Contains:

- TP-8640CS OPTIMAX Jr™ super-compact, high intensity blue light LED leak detection flashlight
- TP-9790 EZ-Shot A/C dye injection kit with TP-9747 hose/coupler for R-134a systems and R-12 adapter/purge fitting
- TP-9770-0108 – 8 oz (237 ml) universal A/C dye cartridge for servicing up to 64 vehicles
- 120884 – 8 oz (237 ml) spray bottle of GLO-AWAY™ dye cleaner
- TP-9940 fluorescence-enhancing glasses
- TP-1140 plastic carrying case



CE

TP-8649 Complete OPTIMAX Jr™/Mini-EZ™ A/C and Fluid Kit

Contains:

- OPTIMAX Jr™ high intensity blue light LED leak detection flashlight
- TP-9845 Mini-EZ™ A/C dye injector, TP-9847 8" hose assembly, ¼" flare check valve, R-12 adapter/purge fitting and R-134a coupler, low side
- (6) R-134a/PAG Mini-EZ™ A/C dye cartridges
- TP-3400-0001 – 1 oz (30 ml) bottle Dye-Lite® All-In-One™ concentrated dye for oil, fuel, ATF, PS and hydraulics, services up to 2 vehicles
- TP-3940 – 1 oz (30 ml) bottle Rite-Blend™ extended-life coolant dye
- TP-9940 fluorescence-enhancing glasses
- TP-1143 plastic carrying case

Cordless LED Lamp Kits

TP-8621

Complete LeakFinder™ A/C and Fluid Starter Kit — Pinpoints A/C, Oil, Fuel, ATF, PS, Hydraulics and Coolant Leaks!



CE

Contains:

- TP-8620CS OPTI-Lite™ economy, 6-LED blue light leak detection flashlight
- TP-9881 syringe A/C dye injector assembly with hose/coupler for R-134a systems and R-12 adapter/purge fitting
- TP-3840-0001CS – 1 oz (30 ml) bottle of universal A/C dye, services up to 4 vehicles
- TP-3405CS – 1 oz (30 ml) bottle of Dye-Lite® All-In-One™ standard dye for oil, fuel, ATF, PS and hydraulics, services 1 vehicle
- TP-3900-0001CS – 1 oz (30 ml) bottle of Dye-Lite® water-based dye for coolant and auto body leaks
- 120884 – 8 oz (237 ml) spray bottle of GLO-AWAY™ dye cleaner
- TP-9940 fluorescence-enhancing glasses
- TP-1140 plastic carrying case

TP-8626

OPTI-Lite™/EZ-Shot™ A/C Kit

— Most Economical!



CE

Contains:

- TP-8620CS OPTI-Lite™ economy, 6-LED blue light leak detection flashlight
- TP-9790 EZ-Shot™ A/C dye injection kit with TP-9747 hose/coupler for R-134a systems and R-12 adapter/purge fitting
- TP-9770-0108 – 8 oz (237 ml) universal A/C dye cartridge for servicing up to 64 vehicles
- 120884 – 8 oz (237 ml) spray bottle of GLO-AWAY™ dye cleaner
- TP-9940 fluorescence-enhancing glasses
- TP-1140 plastic carrying case

TP-8648

Complete LeakFinder™ Wind & Water Kit

— Find Leaks in Truck/Trailer/Auto Bodies, Fast and Easy!

Locate wind and water leaks in moon and sunroofs, windshields, door and trunk seals, cabs and joints, or any other place leaks can occur!

Contains:



CE

- TP-8640CS OPTIMAX Jr™ ultra-compact, high-intensity blue light LED flashlight
- TP-1131 pressure-adjustable TracerJet™ spray gun
- TP-3900-0008 – 8 oz (237 ml), twin-neck bottle of Dye-Lite® fluorescent water dye
- TP-9940 fluorescence-enhancing glasses
- TP-1142 plastic carrying case

12-Volt, Corded Lamps and Kits

TP-8000A TITAN® UV/Blue™ 100-Watt Lamp (Patented)

— **Most Powerful!**

- Patented dichroic filter produces significantly more light for faster, more reliable leak detection
- Super-high intensity flashlight-style lamp
- Inspection range of up to 5 feet (1.5 m) or more
- Bulb rating: 12 volts, 100 watts, "instant-on"
- 12-foot (3.7 m) coiled cord with alligator clips
- TP-9940 fluorescence-enhancing glasses



TP-1300 Blue Light 3-LED Lamp

- Power comparable to high-intensity 100W lamps
- Inspection range of up to 8 feet (2.4 m) or more
- 100,000-hour LED service life
- 14-foot (4.3 m) cord with alligator clips
- TP-9940 fluorescence-enhancing glasses



TP-1100 UV/Blue™ 50-Watt Lamp

— **Most Economical!**

- Compact, high-intensity lamp
- Inspection range of up to 2 feet (0.6 m) or more
- Bulb rating: 12 volts, 50 watts, "instant-on"
- 14 foot (4.3 m) cord with alligator clips
- TP-9940 fluorescence-enhancing glasses



TP-1126 EZ-Shot™ 50-Watt A/C Kit

Contains:

- TP-1100 high-intensity, 50-watt UV/Blue™ lamp
- TP-9790 EZ-Shot A/C dye injection kit with:
 - TP-9747 hose/coupler for R-134a systems with R-12 adapter purge fitting
 - TP-9770-0108 – 8 oz (237 ml) universal A/C dye cartridge for servicing up to 64 vehicles
- 120884 – 8 oz (237 ml) spray bottle of GLO-AWAY™ dye cleaner
- TP-9940 fluorescence-enhancing glasses
- TP-1140 plastic carrying case



TP-1127 Complete EZ-Ject™/50-Watt A/C and Fluid Kit

Contains:

- TP-1100 high-intensity, 50-watt UV/Blue™ lamp
- TP-9845 EZ-Ject™ A/C dye injector assembly, TP-9847 8" hose assembly, ¼" flare check valve, R-12 adapter/purge fitting and R-134a coupler, low side
- TP-9870 universal A/C dye cartridge for servicing up to 14 vehicles
- TP-3400-0001 – 1 oz (30 ml) bottle of Dye-Lite® All-In-One™ concentrated dye for oil, fuel, ATF, PS and hydraulics, services 2 vehicles
- TP-3900-0001 – 1 oz (30 ml) bottle of Dye-Lite® water-based dye for coolant and auto body leaks
- TP-9940 fluorescence-enhancing glasses
- TP-1143 plastic carrying case



TP-1121 Complete LeakFinder™ A/C and Fluid Kit

— **Finds All Auto Leaks! Pinpoints A/C, Oil, Fuel, ATF, PS, Hydraulics and Coolant Leaks**

Contains:

- TP-1100 high-intensity, 50-watt UV/Blue™ lamp
- TP-9881 syringe A/C dye injector assembly with hose/coupler for R-134a systems and R-12 adapter/purge fitting
- TP-3840-0001 – 1 oz (30 ml) bottle of universal A/C dye, services up to 4 vehicles
- TP-3400-0001 – 1 oz (30 ml) bottle of Dye-Lite® All-In-One™ concentrated dye for oil, fuel, ATF, PS and hydraulics, services 2 vehicles
- TP-3900-0001 – 1 oz (30 ml) bottle of coolant dye
- 120884 – 8 oz (237 ml) spray bottle of GLO-AWAY™ dye cleaner
- TP-9940 fluorescence-enhancing glasses
- TP-1141 plastic carrying case

Kits for the Heavy Duty Market



TP-8697HD Complete OPTIMAX™ 3000/EZ-Ject™ Heavy-Duty A/C and Fluid Kit

Contains:

- TP-8690 OPTIMAX™ 3000 super-high intensity blue light LED flashlight with battery charger
- TP-9845 EZ-Ject™ A/C dye injector assembly, TP-9847 8" hose assembly, ¼" flare check valve, R-134a coupler, low-side and R-12 adapter/purge fitting
- TP-9870 (2) universal A/C dye cartridges, each ½ oz (14.8 ml) cartridge services up to 14 vehicles
- TP-3400-0008 – 8 oz (237 ml) bottle of Dye-Lite® All-In-One™ concentrated dye for oil, fuel, ATF, PS and hydraulics, services up to 16 vehicles
- TP-3900-0008 – 8 oz (237 ml) bottle of Dye-Lite® water-based dye for coolant and auto body leaks, services up to 8 vehicles
- 120884 – 8 oz (237 ml) spray bottle of GLO-AWAY™ dye cleaner
- TP-9940 fluorescence-enhancing glasses
- TP-1140 plastic carrying case



TP-8647HD Complete OPTIMAX Jr™/EZ-Ject™ Heavy-Duty A/C and Fluid Kit

Contains:

- TP-8640CS OPTIMAX Jr™ high intensity blue light LED leak detection flashlight
- TP-9845 EZ-Ject™ A/C dye injector assembly, TP-9847 8" hose assembly, ¼" flare check valve, R-134a coupler, low side and R-12 adapter/purge fitting
- TP-9870 (2) universal A/C dye cartridges, each ½ oz (14.8 ml) cartridge services up to 14 vehicles
- TP-3400-0008 – 8 oz (237 ml) bottle of Dye-Lite® All-In-One™ concentrated dye for oil, fuel, ATF, PS and hydraulics, services up to 16 vehicles
- TP-3900-0008 – 8 oz (237 ml) bottle of Dye-Lite® water-based dye for coolant and auto body leaks, services up to 8 vehicles
- 120884 – 8 oz (237 ml) spray bottle of GLO-AWAY™ dye cleaner
- TP-9940 fluorescence-enhancing glasses
- TP-1140 plastic carrying case

Quick Fact!

Tracerline® fluorescent dyes are used and approved by Kenworth, Freightliner, Cummins, Caterpillar, John Deere, GM, Ford, Chrysler, Nissan Diesel, International Truck and other major OEMs

Corded UV Lamps and Kits

Ultraviolet lamps are the original leak detection technology, producing virtually no visible light. This makes even the smallest leaks glow brighter!



TP-35020
Featuring the TP-35000 MAXIMA™
Spot UV Lamp

MAXIMA™ Series Lamp Kits (U.S. Pat. 6,573,665)

— **Ultra-high intensity UV output!**

- Micro Discharge Light (MDL) technology delivers up to 10 times the UV output of 150-watt lamps
- Inspection range of up to 30 feet (9.1 m) or more
- Works even in direct sunlight
- Bulb: "instant-on", available in 120V, 230V, 240V and 100V versions
- 8 foot (2.4 m) cord from lamp to ballast, and 8 foot (2.4 m) cord from ballast to AC power source
- **TP-35000 Specifications:** lamp head 2.5 lbs (1.1 kg), solid-state ballast, 3.6 lbs (1.6 kg)
- **TP-35000M Specifications:** lamp head 2.5 lbs (1.1 kg), solid-state ballast with battery pack, 10.6 lbs (4.8 kg)



TP-35029M
Featuring the TP-35000M MAXIMA™
Battery-Operated Spot UV Lamp

Kits include: UV-absorbing glasses (TP-9939), fluorescence-enhancing glasses (TP-9940), 8 oz (237 ml) spray bottle of GLO-AWAY™ dye cleaner (120884) and plastic carrying case (TP-1340). **TP-35029M** kit also includes 12-volt rechargeable battery, 120V AC charger and shoulder strap (TP-1509). Battery pack can be attached to ballast housing for easy transport. Lamp can also be AC operated via interchangeable power cord.

Also available:

- TP-35000FL flood lamp version for wider beam profile
- TP-35000RS retractable "flying" reel version
- TP-35110D diffusing filter, for use with TP-35000 spot bulb version

TP-1390 TRITAN™ 365 UV Lamp

— **Versatile, Ultra-High Intensity, Multi-LED, Broad-Beam UV Lamp!**

- Three UV LEDs for leak detection plus one white LED for illuminating dark work areas
- Inspection range of up to 20 feet (6.1 m) or more
- Works with all automotive/truck systems and dyes, especially difficult-to-fluoresce yellow dyes
- Extra-wide beam profile ideal for leak checking large radiators and condensers
- Instant-on operation; lamp reaches full intensity immediately.
- Grip-mounted, three-position rocker switch (white light/off/UV)
- Rubber bumper with Borofloat® glass lens protects LEDs from damage
- Built-in fan keeps LEDs cool to maintain optimum light intensity during extended use
- 8 foot (2.5 m) power cord with AC plug (available in 120V, 230V, 240V and 100V versions)
- Specifications: lamp head diameter, 3.25 in (8.3 cm); weight, 1 lb (454 g)
- TP-9939 UV-absorbing glasses



Also available:
TP-1390M TRITAN™ 365
Battery-Operated UV Lamp Kit

Featuring the TP-1390M TRITAN™ 365
UV Lamp

Includes: rechargeable 12-volt NiMH battery pack (TP-1395), AC/DC adapter cord set (TP-1393), smart AC charger (TP-1396), UV-absorbing glasses (TP-9939) and soft carrying case (TP-1392A).

TP-1600P Tracerline® 150-Watt UV Lamp

— **Most Popular UV Lamp!**

- Extremely high intensity
- Heat guard/lamp stand
- 8 foot (2.5 m) cord, AC-powered
- Inspection range of up to 25 feet (7.6 m) or more
- Built-In-Ballast™ bulb eliminates the need for a heavy, external transformer
- Bulb rating: 150 watts (available in 120V, 230V, 240V and 100V versions)
- Specifications: 3¼ lbs (1.5 kg), 6¾ x 10¼ in (17.1 x 26 cm)
- TP-9939 UV-absorbing glasses

TP-1620 lamp kit also available: Contains TP-1600P UV lamp, UV-absorbing glasses (TP-9939), 8 oz (237 ml) spray bottle of GLO-AWAY™ dye cleaner (120884) and plastic carrying case (TP-1640, not shown)



TP-1700P Tracerline® 50-Watt Long Wave UV Lamp

— **Portable!**

- High intensity flashlight-style lamp
- Bulb rating: 12 volts, 50-watts, "instant-on"
- 12 ft. (3.7 m) coiled cord with alligator clips
- Inspection range of up to 1½ ft (0.46 m) or more
- TP-9939 UV-absorbing glasses



Lamp Comparison/Selection Guide

Use this guide to select the lamp you need

TP-1390, TP-1390M, TP-1600P and TP-1700P lamps come with one pair of UV-absorbing glasses (TP-9939). TP-35000 and TP-35000M MAXIMA™ lamps come with one pair of UV-absorbing glasses (TP-9939) and one pair of fluorescence-enhancing glasses (TP-9940). All other lamps come with one pair of fluorescence-enhancing glasses (TP-9940).

Specifications	12-Volt, Corded Lamps			Corded UV Lamps			
	TP-8000A	TP-1300	TP-1100	TP-1700P	TP-1600P	TP-35000 MAXIMA™	TP-1390 TRITAN™ 365
Recommended uses	All		All except heavy duty	All			
Light Intensity	Super High	Very High	High	High	Extremely High	Ultra High	
Bulb Rating	100 watts	3 LEDs (comparable to 100W lamp)	50 watts	50 watts	150 watts	35 watts MDL	3 Ultra-High-Flux UV LEDs & 1 White LED (comparable to 300W lamp)
Inspection Range ^① Maximum	5 ft (1.5 m) or more	8 ft (2.4 m) or more	2 ft (0.6 m) or more	1½ ft (0.46 m) or more	25 ft (7.6 m) or more	30 ft (9.1 m) or more	Yellow Dye: Up to 20 ft (6.1 m) or more
Recommended	Up to 3 ft (0.9 m)	Up to 4 ft (1.2 m)	Up to 12 in (30 cm)	Up to 10 in (26 cm)	Up to 8 ft (2.4 m)	Up to 10 ft (3.0 m)	Green Dye: Up to 6 ft (1.8 m) or more ^②
Lamp Style	Flashlight	Compact		Flashlight	Pistol Grip		
Operation	Instant-on			Instant-on	5 minute warm-up	Instant-on	
Lamp Head Diameter x Length	3¼ x 7½ in (8.3 x 19 cm)	2½ x 6¾ in (6.3 x 17.1 cm)		3¼ x 7½ in (8.3 x 19 cm)	6¾ x 10¼ in (17.1 x 26 cm)	6¾ x 7½ in (17.1 x 19.1 cm)	3¼ x 8 in (8.3 x 20.3 cm)
Weight	10.5 oz (298 g)	3.9 oz (113 g)		10.5 oz (298 g)	3¼ lb (1.5 kg)	Lamp head 2.5 lb (1.1 kg) with ballast 6.1 lb (2.8 kg)	1 lb (454 g)
Cord Length	12 ft (3.7 m) coiled cord with alligator clips	14 ft (4.3 m) with alligator clips		12 ft (3.7 m) coiled cord with alligator clips	8 ft (2.5 m) cord with AC plug	Primary and secondary cords are both 8 ft (2.5 m) long	8 ft (2.5 m) cord with AC plug
Power Requirement	12 VDC			12 VDC	120V, 230V, 240V and 100VAC versions		
Options/Accessories	—	—	—	—	20 ft (6.1 m) cord	TP-35000M battery-operated version	TP-1390M battery-operated version

① Depending on room light levels, as measured from bulb to leak site.

② The lamp's broad UV beam works best at closer distances.

Lamp Comparison/Selection Guide

Use this guide to select the lamp you need

TP-8690UV lamp comes with one pair of UV-absorbing glasses (TP-9939).
All other lamps come with one pair of fluorescence-enhancing glasses (TP-9940).

Cordless LED Lamps						
Specifications	TP-8620CS OPTI-Lite™	TP-8640CS OPTIMAX Jr™	TP-8690 OPTIMAX™ 3000	TP-8690UV OPTIMAX™ 365	TP-8670CS Quad Max Pro™	TP-9355 Dual-Max
Recommended uses	All				Light Duty	All
Light Intensity	High	Very High	Super High	Ultra High	Medium	Very High
Bulb Type	6 LEDs (comparable to 50W lamp)	High-Flux LED (comparable to 75W lamp)	Super-High-Flux LED (comparable to 150W lamp)	Ultra-High-Flux UV LED (comparable to 150W lamp)	3 UV LEDs & 1 White LED	1 High-Flux Blue LED & 1 High-Flux White LED (comparable to 75W lamp)
Inspection Range ^① Maximum	2 ft (0.6 m)	6 ft (1.8 m) or more	20 ft (6 m) or more		Approx. 2 in (5 cm)	6 ft (1.8 m) or more
Recommended	Up to 12 in (30 cm)	Up to 3 ft (0.9 m)	Up to 6 ft (1.8 m)		Up to 2 in (5 cm)	Up to 3 ft (0.9 m)
Lamp Style	Flashlight				Flexible head	Flashlight
Operation	Instant-on					
Lamp Head Diameter x Length	1 ³ / ₃₂ x 7 ¹⁵ / ₁₆ in (2.8 x 19 cm)		1 ¹⁵ / ₁₆ x 7 ¹ / ₂ in (4.9 x 20 cm)	2 x 8 in (5.1 x 20.3 cm)	5/8 x 18 in (1.6 x 46 cm)	1 ¹ / ₈ x 6 ¹ / ₁₆ in (2.9 x 15.4 cm)
Weight	4.8 oz (135 g)		11.2 oz (318 g)		7.5 oz (216 g)	5.8 oz (164 g)
Power Requirement	3 "AA" batteries		Rechargeable NiMH battery			3 "AAA" batteries
Options/ Accessories	—	—	120V, 230V, 240V or 100VAC smart charger (included)	AC and DC smart chargers (included). AC chargers available in 120V, 230V, 240V and 100V versions)	Adjustable mirror (included)	—

① Depending on room light levels, as measured from bulb to leak site.