

Lighting



**WACKER
NEUSON**
all it takes!



These reasons speak for lighting systems from Wacker Neuson.

1. Light to meet your needs.

Whether operated by electricity or fuel, with a mast, tripod or fastened to a support, our flexible lighting systems provide you with exactly the light solution that you need for your individual needs.

2. Sturdy in application, easy to maintain.

You can always rely on the sturdy light balloons and light towers from Wacker Neuson. They are made for daily use, are manufactured to be heavy-duty, wind- and weather-proof and easy to handle, both in application as well as during maintenance.

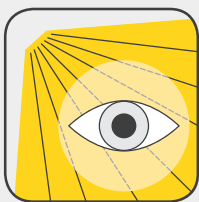
3. Large space and glare-free illumination.

With our lighting systems, you can optimally illuminate large working areas, often with just one unit. In this way, you make it possible for your employees to work at night, glare-free.

Wacker Neuson — all it takes!

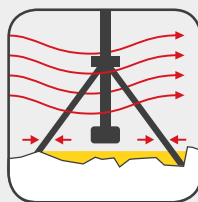
We offer products and services rendered that meet your high requirements and diverse applications. Wacker Neuson stands for reliability. This of course also applies to all of our lighting systems. We do our best every day to ensure your success. And we do this full of passion for our jobs.

Light expertise down to the last detail.



Bright and glare-free

Our lighting systems make it possible to optimally illuminate your work areas in a glare-free manner and are also particularly suitable for applications on construction sites and streets.



Sturdy in any situation

With individually adjustable tripods and leveling jacks, our lighting systems can also be leveled on uneven ground and remain stable, even in a strong wind. See page 6 details.



Easy to transport

With a trailer coupling or carrycase, our lighting systems can be very easily brought to the site of application. Read more on pages 4 and 7.



Seven nights of light

Due to the large fuel tank, you can work for a total of 73 hours with the light tower without refueling. Additional benefits are on page 4.

Overview of all lighting products.



LTN6LV

Power output: 6 kW
Mast height: 9m
Type of height adjustment: electro-hydraulic



LTN6L

6 kW
9m
by crank handle



LBS

Power output: 2,000 W/1,000 W
Luminous flux: 50,000/80,000 lm
Illumination area with 20 lux: 154/315 m²

> Page 04

> Page 06

Glare-free work light: ideal for road construction sites.



Light Tower:
mobile, powerful and ideal for long-time applications.

When it comes to a mobile, powerful and permanent light supply for construction sites, road repairs at night or events, our light towers are indispensable. Four metal vapor lamps give light similar to daylight that is glare-free and can illuminate an area of up to 2.5 football fields.

- 4 metal vapor lamps individually suspended, free moving and each with 1,000 W performance
- Quickly ready for use, since no grounding is required
- A generator with a large tank makes 7 nights of long-time application possible without interruptions for refueling
- Height adjustable and 360° rotatable light mast
- European DOT-approved (road circulation approval) and outfitted with a ball trailer hitch as a standard

LTN6L

On uneven ground and in strong wind:
3 leveling jacks make adjusting and stabilizing the unit easy.

Crank down, lay horizontal and transport the 9m mast height of the LTN6L compactly.



LTN6LV

Electro-hydraulically adjustable mast height: conveniently done at the push of a button.

Quickly ready for transport: The mast remains in the vertical position with the LTN6LV.



Work for 7 nights with the light tower, entirely without refueling.



Durable LED lamps for whiter light; also for retrofitting.

- Even better view
- Light similar to daylight
- Maximum brightness immediately
- Up to 5 times longer service life
- Up to 45% lower fuel consumption



Technical data

LIGHT TOWER	LTN6LV		LTN6L	
	Electro-hydraulically adjustable mast		Mast can be adjusted with crank handle	
	SPECIFICATION	UNIT		
	LxWxH (operating state, without anchoring ropes)	mm	2,998x1,265x2,305	3,918x1,265x1,790
	Operating weight	kg	921	865
	Shipping weight	kg	764	767
	Max. mast height	m	9	9
	Sound level at 7m	dB(A)	66	66
	Performance	kW	6	6
	Frequency	Hz	50	50
	Rated voltage	V	230	230
	Lamp type halogen metal vapor	W	1,000	1,000
	Illumination at 5.4foot-candles	m²	5,393	5,393
	Lamp type LED	W	320	320
	Illumination at 5.4foot-candles	m²	2,798	2,798
	Revolutions per minute (RPM)	rpm	1,500	1,500
	Drive system	–	Liquid-cooled, 3-cylinder diesel engine	Liquid-cooled, 3-cylinder diesel engine
	Engine manufacturer	–	Lombardini	Lombardini
	Displacement	cm³	1,028	1,028
	Max. rated power	kW/hp	8.5/11.4	8.5/11.4
	At nominal speed (according to ISO 3046 FIN)	rpm	1,500	1,500
	Tank capacity (fuel)	l	123	123
	Fuel consumption	l/h	1.7	1.7

The flexible light balloon modular system: individually configurable for your applications.

With the flexible modular system, you can individually adapt our light balloons to your needs. In the process, choose between two lamp and tripod types and a lots of accessories. Sophisticated details offer you the decisive advantage in everyday work life with speed, safety and operating comfort.

- The system can be set up in less than 2 minutes.
- Simply stretch the balloon, entirely without inflating it
- Very compact storage and transport dimensions
- The tripods are highly break-resistant, deformation-resistant, lightweight and sturdy, since they are made of glass-fiber reinforced synthetic material (GFK)
- For an optimal illumination of the work area: elliptical balloon shape with a strong reflector surface
- Uniquely sturdy and extremely stable tripod with weighting elements that make it sturdy in winds up to 100 km/h*

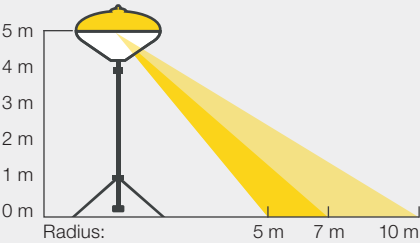
* The stability values mentioned presume a constant wind direction as well as good footing of the tripod on a solid level subsurface.

Bright and glare-free: ideal for working on roads and highways.

Weighting elements provide for extra stability.

Inspiring: the light intensity of the LBS.

Light intensity of the LB80M:
Lighting radius of up to 10 m with at least 20 lux.



Find the light balloon for your requirements in three steps.

1. Light balloons

- **LB80M + LBV**
 - Halogen metal vapor lamp + ballast
 - 80,000 lumens, very white light
- **LB50H**
 - Halogen lamp (no ballast necessary)
 - 50,000 lumens, warmer light color
 - 100% lighting intensity immediately after switching on



2. Tripods

- **Tripod Pro**
 - Max. light source height 5 m
 - With adjustable leg and spirits levels bubble
- **Tripod Compact**
 - Max. light source height 3.40 m
 - Lighter weight for easy transport



3. Convenient accessories

Carrycase, transport pack, carrying strap, anchoring set, adapter for weighting elements, joint: ideal for lighting walls



Technical data

LIGHT BALLOON			LBS 80M	LBS 50H
	SPECIFICATION	UNIT		
	Balloon (stretched) Ø x H	mm	1,000x700	1,000x700
	Balloon weight	kg	9.1	8.6
	Carrycase weight (dry weight)	kg	6.8	6.8
	Carrycase	mm	1,350x455x235	1,350x455x235
	Lamp output	W	1,000	2,000
	Type of lamp	-	Halogen metal vapor	Halogen
	Luminous flux	lm	80,000	50,000
	Illumination	m²	530	154

BALLAST			LBV LB 80M	LB LB 50H
	SPECIFICATION	UNIT		
	Weight	kg	16.3	-
	Voltage	V	230	-
	Frequency	Hz	50	-

TRIPODS			Tripod Pro	Tripod Compact
	SPECIFICATION	UNIT		
	LxWxH (operating state, without anchoring ropes)	mm	1,620x1,435x2,620–5,280	1,590x1,430x1,840–3,106
	Weight	kg	17	14.6
	Max. light source height	m	5	3.40

* Corresponds to RSA 95 (directives for the safety of work premises on roads)

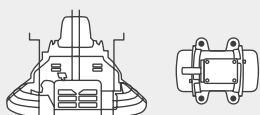
Your everyday work is full of challenges. We have the right solutions and help you to be ahead of the competition. We offer you everything you need for this purpose:

Wacker Neuson — all it takes!



**WACKER
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all it takes!

Products



Concrete technology



Compaction



Demolition technology



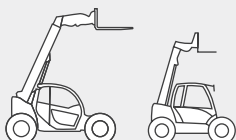
Excavators



Wheel loaders



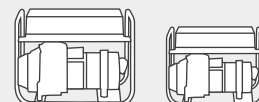
Skid steer loaders



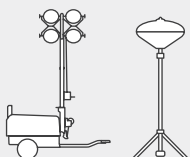
Telehandlers



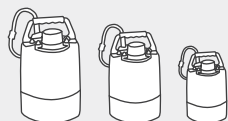
Dumpers



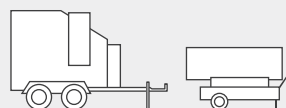
Generators



Lighting



Pumps



Heaters



Used equipment

Services rendered



Financing



Repair & maintenance



Academy



Rental



Telematic

Spare parts



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