



**LED Working Lights**  
Powerful performance  
and versatile applications

**Be road ready**

# The night doesn't stand a chance

## Versatility comes in all shapes and sizes

The OSRAM LEDriving® working lights are robust and compact, combining extremely high optic efficiency with even light distribution and a glare-reducing reflector design. The working light are available in a variety of performances, shapes, and sizes, plus a choice of illumination profiles like flood, spot, wide and ultra-wide.<sup>1</sup>



### OSRAM-quality guaranteed

All OSRAM products are extensively stress tested by our quality assurance system. For information concerning guarantees, visit [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee) or scan the QR code.

1

#### Professional series

The Professional series offers many different combination options for individual lighting needs based on a unique matrix system.



2

#### Value series

With the Value series, you get remarkable visibility at a reasonable price. Designed to meet the diverse needs of every task, the working lights are available in various shapes, including Cube, Round and Lightbar.



3

#### Multifunctional series

The Multifunctional series includes a variety of working lights with two light functions: classic working light and the stylish X shape working light.



4

#### Functional series

The working lights of the Functional series are versatile applicable and flexible in use – On-road as reversing light and for demanding work environments.



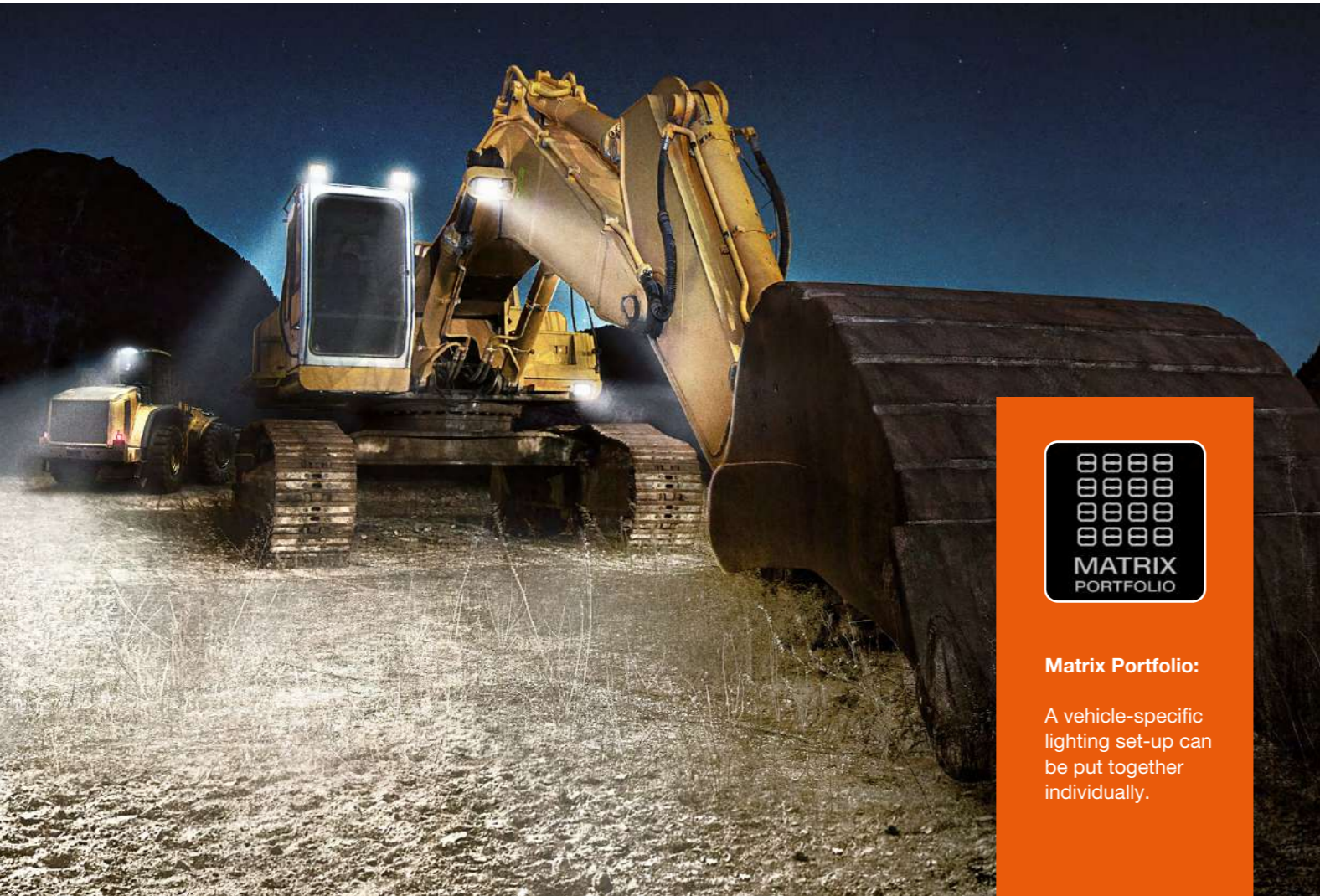
5

#### Accessories

To support the installation of the OSRAM LEDriving® working lights, OSRAM has developed a special series with suitable accessories.



<sup>1</sup> Additional working lights without ECE approval for use as work lights are approved for use on any vehicle according to German Road Traffic Licensing Regulations (StVZO) §52 (7). However, they must not be used and switched on while driving. In addition, individual special regulations, and laws of countries outside Germany must be observed.



**Matrix Portfolio:**

A vehicle-specific lighting set-up can be put together individually.

# 1 Professional series

## Professional light for professional work

Work doesn't have to stop when night falls. So you can stick to your deadlines, 24/7. These OSRAM LED lights are robust and compact, combining extremely high optic efficiency with even light distribution and a glare-reducing reflector design. LEDriving® Professional series is available in a variety of performances, shapes and beam patterns, plus a choice of illumination profiles like flood, spot, wide and ultra wide.

**1500  
2500  
3500  
4500  
LUMEN**

**1 500 to 4 500 lumens:**  
Selection of 4 different power levels per beam pattern.

**ROBUST + VIBRATION RESISTANT**

**Robust and vibration resistant:**  
Specially designed for demanding work environments.

**IP6K7 & IP6K9K**

**IP- & IK-Protection classes:**  
Tested and validated in our DIN certified environmental simulation laboratory for extreme external influences regarding water, dust, impacts, heat, cold and permanent vibration.

### LEDriving® Cube PX Ultra Wide



Working light suitable for 12 V and 24 V with an ultra-wide beam angle and a power level from 1 500 lm to 4 500 lm.

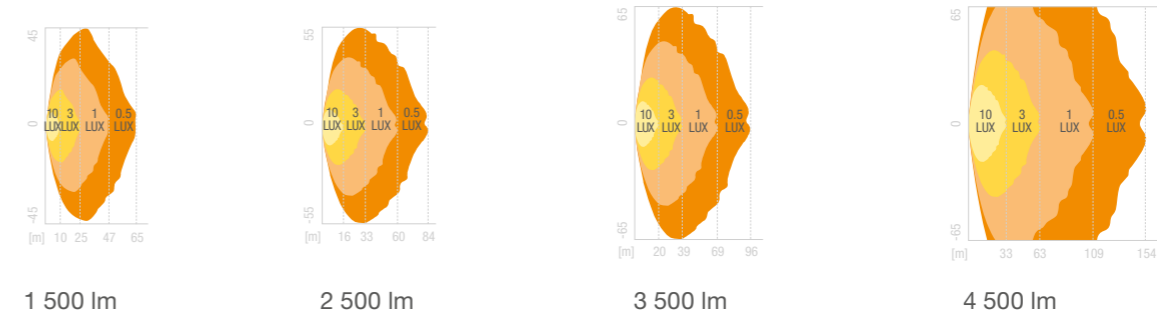
**Features**

- ULTRA WIDE BEAM = Beam pattern for particularly large-area and especially wide light distribution
- Up to 70 m long light beam and a power level of up to 4 500 lm
- Efficient reflector lens design with powerful OSRAM LEDs
- Protection classes: IP6K8 & IP6K9K

**Benefits**

- Designed to meet the highest OE standards and requirements of the automotive industry
- Various mounting options: Direct mounting, flexible standard mounting, and heavy-duty mounting
- Robust and resistant and specially developed for tough everyday working conditions
- Made in Europe and 5-year guarantee<sup>1</sup>

Light distributions of all 4 LEDriving® Cube PX Ultra Wide variants: 1 500 lm, 2 500 lm, 3 500 lm, 4 500 lm.



### LEDriving® Cube PX Wide



Working light suitable for 12 V and 24 V with a wide beam angle and a power level from 1 500 lm to 4 500 lm.

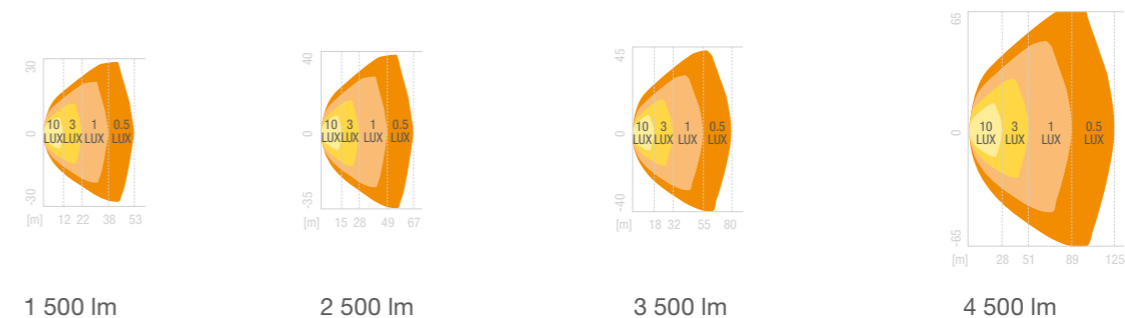
**Features**

- WIDE BEAM = Designed for a near-field illumination
- Up to 60 m long light beam and a power level of up to 4 500 lm
- Efficient reflector lens design with powerful OSRAM LEDs
- Protection classes: IP6K8 & IP6K9K

**Benefits**

- Designed to meet the highest OE standards and requirements of the automotive industry
- Various mounting options: Direct mounting, flexible standard mounting, and heavy-duty mounting
- Robust and resistant and specially developed for tough everyday working conditions
- Made in Europe and 5-year guarantee<sup>1</sup>

Light distributions of all 4 LEDriving® Cube PX Wide variants: 1 500 lm, 2 500 lm, 3 500 lm, 4 500 lm.



<sup>1</sup> For precise conditions please refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee).

## LEDDriving® Cube PX Flood

Working light suitable for 12 V and 24 V with floodlight beam pattern and a power level from 1 500 lm to 4 500 lm.



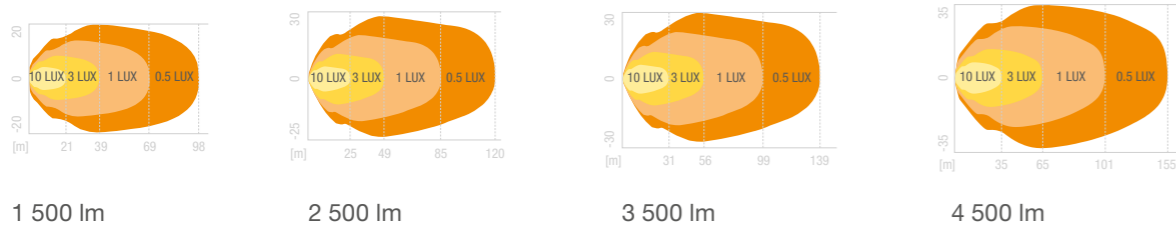
### Features

- FLOOD BEAM = Beam pattern for a wide and broad distribution of high beam light
- Up to 105 m long light beam and a power level of up to 4 500 lm
- Efficient reflector lens design with powerful OSRAM LEDs
- Protection classes: IP6K8 & IP6K9K

### Benefits

- Designed to meet the highest OE standards and requirements of the automotive industry
- Various mounting options: Direct mounting, flexible standard mounting, and heavy-duty mounting
- Robust and resistant and specially developed for tough everyday working conditions
- Made in Europe and 5-year guarantee<sup>1</sup>

Light distributions of all 4 LEDDriving® Cube PX Flood variants: 1 500 lm, 2 500 lm, 3 500 lm, 4 500 lm.



## LEDDriving® Cube PX Spot

Working light suitable for 12 V and 24 V with a spotlight beam pattern and a power level from 1 500 lm to 4 500 lm.



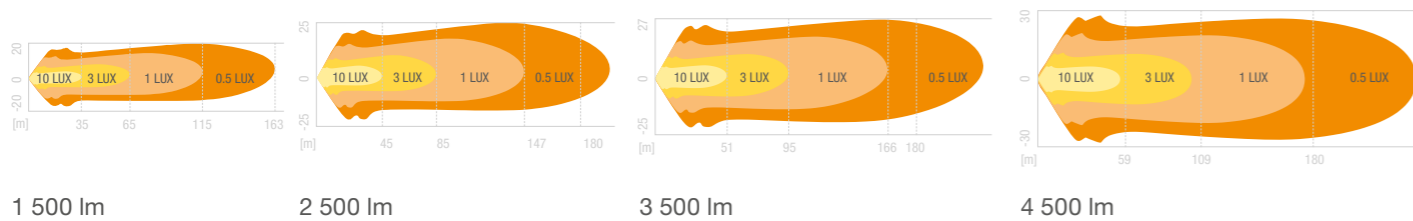
### Features

- SPOT BEAM = Beam pattern for particularly focused high beam distribution
- Up to 185 m long light beam and a power level of up to 4 500 lm
- Efficient reflector lens design with powerful OSRAM LEDs
- Protection classes: IP6K8 & IP6K9K

### Benefits

- Designed to meet the highest OE standards and requirements of the automotive industry
- Various mounting options: Direct mounting, flexible standard mounting, and heavy-duty mounting
- Robust and resistant and specially developed for tough everyday working conditions
- Made in Europe and 5-year guarantee<sup>1</sup>

Light distributions of all 4 LEDDriving® Cube PX Spot variants: 1 500 lm, 2 500 lm, 3 500 lm, 4 500 lm.



## OSRAM LEDDriving® Professional series (PX)

Name	Product number	EAN	No. Of LED	V	W	Max Lumen output	(m) @1 Lux	K	IP	ECE	Product weight net (g)
Cube PX1500 Ultra Wide	LEDPWL 113-UW	4062172279642	6	12/24	15	1500	40	6000	IP6K8, IP6K9K	R10	655
Cube PX2500 Ultra Wide	LEDPWL 101-UW	4062172279406	6	12/24	27	2500	55	6000	IP6K8, IP6K9K	R10	676
Cube PX3500 Ultra Wide	LEDPWL 102-UW	4062172279420	6	12/24	33	3500	65	6000	IP6K8, IP6K9K	R10	700
Cube PX4500 Ultra Wide	LEDPWL 103-UW	4062172279444	6	12/24	45	4500	70	6000	IP6K8, IP6K9K	R10	702
Cube PX1500 Wide	LEDPWL 114-WD	4062172279666	6	12/24	15	1500	35	6000	IP6K8, IP6K9K	R10	653
Cube PX2500 Wide	LEDPWL 104-WD	4062172279468	6	12/24	27	2500	45	6000	IP6K8, IP6K9K	R10	671
Cube PX3500 Wide	LEDPWL 105-WD	4062172279482	6	12/24	33	3500	55	6000	IP6K8, IP6K9K	R10	697
Cube PX4500 Wide	LEDPWL 106-WD	4062172279505	6	12/24	45	4500	60	6000	IP6K8, IP6K9K	R10	698
Cube PX1500 Flood	LEDPWL 115-FL	4062172279680	6	12/24	15	1500	70	6000	IP6K8, IP6K9K	R10	649
Cube PX2500 Flood	LEDPWL 107-FL	4062172279529	6	12/24	27	2500	80	6000	IP6K8, IP6K9K	R10	670
Cube PX3500 Flood	LEDPWL 108-FL	4062172279543	6	12/24	33	3500	95	6000	IP6K8, IP6K9K	R10	694
Cube PX4500 Flood	LEDPWL 109-FL	4062172279567	6	12/24	45	4500	105	6000	IP6K8, IP6K9K	R10	698
Cube PX1500 Spot	LEDPWL 116-SP	4062172279703	6	12/24	15	1500	110	6000	IP6K8, IP6K9K	R10	653
Cube PX2500 Spot	LEDPWL 110-SP	4062172279581	6	12/24	27	2500	140	6000	IP6K8, IP6K9K	R10	673
Cube PX3500 Spot	LEDPWL 111-SP	4062172279604	6	12/24	33	3500	165	6000	IP6K8, IP6K9K	R10	697
Cube PX4500 Spot	LEDPWL 112-SP	4062172279628	6	12/24	45	4500	185	6000	IP6K8, IP6K9K	R10	699

<sup>1</sup> For precise conditions please refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee).



## 2 Value series

### For demanding work environments

The Value Series is designed to offer proven quality and increased vision for forward and rear applications at an economical price. The OSRAM LEDriving® Value series lights intensely illuminate the road and surroundings with ease. These robust and long-lasting lights were developed with a range of lighting profiles, including spot, wide or flood beam patterns for powerful far-field and near-field illumination.



**Working light application:**  
Versatile applicable and flexible in use.

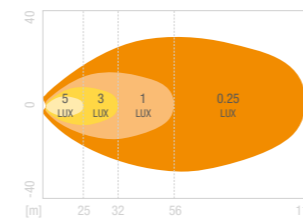


**Robust and vibration resistant:**  
Specially designed for demanding work environments.



**IP- & IK-Protection classes:**  
Tested and validated in our DIN certified environmental simulation laboratory for extreme external influences regarding water, dust, impacts, heat, cold and permanent vibration.

#### LEDriving® Rect WL VX80-WD



A 12 V and 24 V suitable working light with approved rear application.

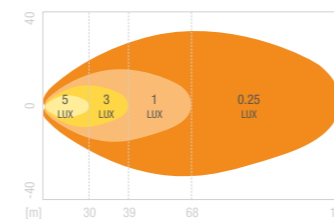
**Features**

- WIDE BEAM = Designed for a near-field illumination
- Up to 56 m long light beam and a power level of up to 1 500 lm
- 4 high-performance OSRAM LEDs
- Approved rear application (ECE R148)
- Protection classes: IP6K8 & IP6K9K

**Benefits**

- Compact and robust – shatterproof polycarbonate lens and aluminum die-cast housing
- Brilliantly white light with 6 000 K
- Cable length 450 mm
- Standard brackets included
- 2-year guarantee<sup>1</sup>

#### LEDriving® Rect WL VX100-WD



A 12 V and 24 V suitable working light with approved rear application.

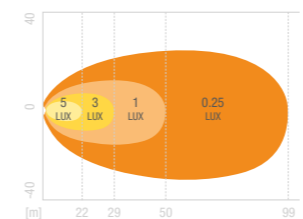
**Features**

- WIDE BEAM = Designed for a near-field illumination
- Up to 68 m long light beam and a power level of up to 2 300 lm
- 6 high-performance OSRAM LEDs
- Approved rear application (ECE R148)
- Protection classes: IP6K8 & IP6K9K

**Benefits**

- Compact and robust – shatterproof polycarbonate lens and aluminum die-cast housing
- Brilliantly white light with 6 000 K
- Cable length 450 mm
- Standard brackets included
- 2-year guarantee<sup>1</sup>

#### LEDriving® Oval WL VX100-WD



A 12 V and 24 V suitable working light with approved rear application.

**Features**

- WIDE BEAM = Designed for a near-field illumination
- Up to 50 m long light beam and a power level of up to 1 500 lm
- 4 high-performance OSRAM LEDs
- Approved rear application (ECE R148)
- Protection classes: IP6K8 & IP6K9K

**Benefits**

- Compact and robust – shatterproof polycarbonate lens and aluminum die-cast housing
- Brilliantly white light with 6 000 K
- Cable length 450 mm
- Standard brackets included
- 2-year guarantee<sup>1</sup>

<sup>1</sup> For precise conditions please refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee).

### LEDDriving® Oval WL VX150-WD

A 12 V and 24 V suitable working light with approved rear application.

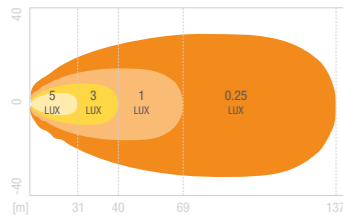


#### Features

- WIDE BEAM = Designed for a near-field illumination
- Up to 69 m long light beam and a power level of up to 2 300 lm
- 6 high-performance OSRAM LEDs
- Approved rear application (ECE R148)
- Protection classes: IP6K8 & IP6K9K

#### Benefits

- Compact and robust – shatterproof polycarbonate lens and aluminum die-cast housing
- Brilliantly white light with 6 000 K
- Cable length 450 mm
- Standard brackets included
- 2-year guarantee<sup>1</sup>



### LEDDriving® Round WL VX80-WD

A 12 V and 24 V suitable working light with approved rear application.

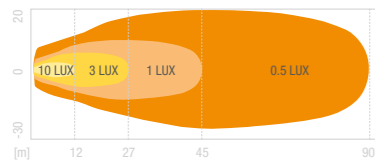


#### Features

- WIDE BEAM = Designed for a near-field illumination
- Up to 43 m long light beam and a power level of up to 1 350 lm
- 4 high-performance OSRAM LEDs
- Approved rear application (ECE R148)
- Protection classes: IP6K8 & IP6K9K

#### Benefits

- Compact and robust – shatterproof polycarbonate lens and aluminum die-cast housing
- Brilliantly white light with 6 000 K
- Cable length 450 mm
- Standard brackets included
- 2-year guarantee<sup>1</sup>



### LEDDriving® Round WL VX100-WD

A 12 V and 24 V suitable working light with approved rear application.

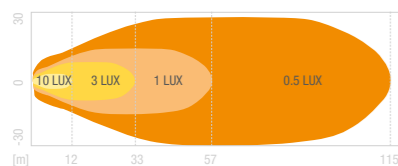


#### Features

- WIDE BEAM = Designed for a near-field illumination
- Up to 54 m long light beam and a power level of up to 2 000 lm
- 6 high-performance OSRAM LEDs
- Approved rear application (ECE R148)
- Protection classes: IP6K8 & IP6K9K

#### Benefits

- Compact and robust – shatterproof polycarbonate lens and aluminum die-cast housing
- Brilliantly white light with 6 000 K
- Cable length 450 mm
- Standard brackets included
- 2-year guarantee<sup>1</sup>



<sup>1</sup> For precise conditions please refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee).

### LEDDriving® Cube WL VX80-WD

A 12 V and 24 V suitable working light with approved rear application.

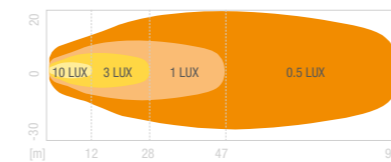


#### Features

- WIDE BEAM = Designed for a near-field illumination
- Up to 47 m long light beam and a power level of up to 1 350 lm
- 4 high-performance OSRAM LEDs
- Approved rear application (ECE R148)
- Protection classes: IP6K8 & IP6K9K

#### Benefits

- Compact and robust – shatterproof polycarbonate lens and aluminum die-cast housing
- Brilliantly white light with 6 000 K
- Cable length 450 mm
- Standard brackets included
- 2-year guarantee<sup>1</sup>



### LEDDriving® Cube WL VX100-WD

A 12 V and 24 V suitable working light with approved rear application.

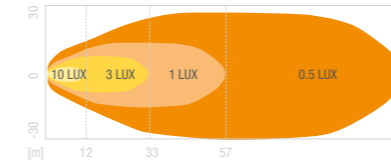


#### Features

- WIDE BEAM = Designed for a near-field illumination
- Up to 56 m long light beam and a power level of up to 2 000 lm
- 6 high-performance OSRAM LEDs
- Approved rear application (ECE R148)
- Protection classes: IP6K8 & IP6K9K

#### Benefits

- Compact and robust – shatterproof polycarbonate lens and aluminum die-cast housing
- Brilliantly white light with 6 000 K
- Cable length 450 mm
- Standard brackets included
- 2-year guarantee<sup>1</sup>



### LEDDriving® Cube WL VX125-WD

A 12 V and 24 V suitable working light for near-field illumination.

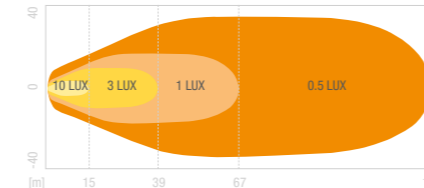


#### Features

- WIDE BEAM = Designed for a near-field illumination
- Up to 67 m long light beam and a power level of up to 3 000 lm
- 9 high-performance OSRAM LEDs
- Protection classes: IP6K8 & IP6K9K

#### Benefits

- Compact and robust – shatterproof polycarbonate lens and aluminum die-cast housing
- Brilliantly white light with 6 000 K
- Cable length 450 mm
- Standard brackets included
- 2-year guarantee<sup>1</sup>



<sup>1</sup> For precise conditions please refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee).

### LEDDriving® Lightbar WL VX80-WD

A 12 V and 24 V suitable working light with approved rear application.

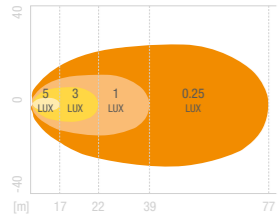


#### Features

- WIDE BEAM = Designed for a near-field illumination
- Up to 39 m long light beam and a power level of up to 800 lm
- 2 high-performance OSRAM LEDs
- Approved rear application (ECE R148)
- Protection classes: IP6K8 & IP6K9K

#### Benefits

- Compact and robust – shatterproof polycarbonate lens and aluminum die-cast housing
- Brilliantly white light with 6 000 K
- Cable length 450 mm
- Standard brackets included
- 2-year guarantee<sup>1</sup>



### LEDDriving® Lightbar WL VX125-WD

A 12 V and 24 V suitable working light with approved rear application.

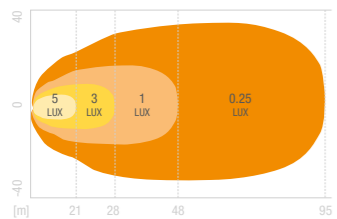


#### Features

- WIDE BEAM = Designed for a near-field illumination
- Up to 48 m long light beam and a power level of up to 1 500 lm
- 4 high-performance OSRAM LEDs
- Approved rear application (ECE R148)
- Protection classes: IP6K8 & IP6K9K

#### Benefits

- Compact and robust – shatterproof polycarbonate lens and aluminum die-cast housing
- Brilliantly white light with 6 000 K
- Cable length 450 mm
- Standard brackets included
- 2-year guarantee<sup>1</sup>



### LEDDriving® Lightbar WL VX150-WD

A 12 V and 24 V suitable working light for near-field illumination.

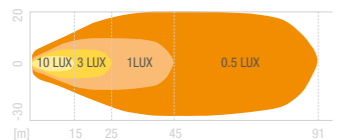


#### Features

- WIDE BEAM = Designed for a near-field illumination
- Up to 45 m long light beam and a power level of up to 1 500 lm
- 6 high-performance OSRAM LEDs
- Protection classes: IP6K8 & IP6K9K

#### Benefits

- Compact and robust – shatterproof polycarbonate lens and aluminum die-cast housing
- Brilliantly white light with 6 000 K
- Cable length 450 mm
- Standard brackets included
- 2-year guarantee<sup>1</sup>



<sup>1</sup> For precise conditions please refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee).

### LEDDriving® Lightbar WL VX250-WD

A 12 V and 24 V suitable working light with approved rear application.

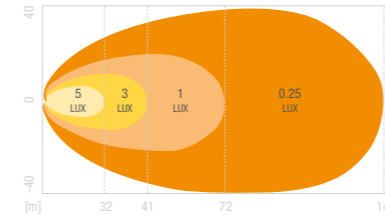


#### Features

- WIDE BEAM = Designed for a near-field illumination
- Up to 72 m long light beam and a power level of up to 3 000 lm
- 8 high-performance OSRAM LEDs
- Approved rear application (ECE R148)
- Protection classes: IP6K8 & IP6K9K

#### Benefits

- Compact and robust – shatterproof polycarbonate lens and aluminum die-cast housing
- Brilliantly white light with 6 000 K
- Cable length 450 mm
- Standard brackets included
- 2-year guarantee<sup>1</sup>



### LEDDriving® Flush Mount WL VX100-FL

A LED Flush Mount that seamlessly integrates into the vehicle's design and is offering enhanced visibility.

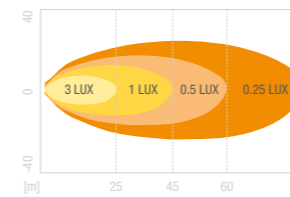


#### Features

- FLOOD BEAM = Beam pattern for a wide and broad distribution of high beam light
- Up to 45 m long light beam and a power level of up to 600 lm
- Lightweight rugged construction and sleek shape
- Protection classes: IP6K8 & IP6K9K

#### Benefits

- Compact and robust – shatterproof polycarbonate lens and aluminum die-cast housing
- Brilliantly white light with 6 500 K
- Standard brackets included
- 2-year guarantee<sup>1</sup>



### LEDDriving® Cube WL VX80-SP

A 12 V and 24 V suitable working light for near-field illumination.

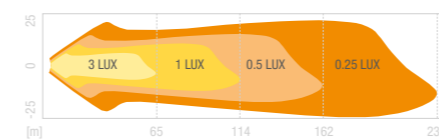


#### Features

- SPOT BEAM = Beam pattern for particularly focused high beam distribution
- Up to 114 m long light beam and a power level of up to 1 300 lm
- 4 high-performance OSRAM LEDs
- Protection class: IP6K7

#### Benefits

- Compact and robust – shatterproof polycarbonate lens and aluminum die-cast housing
- Brilliantly white light with 6 000 K
- Cable length 350 mm
- Standard brackets included
- 2-year guarantee<sup>1</sup>



<sup>1</sup> For precise conditions please refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee).

### LEDDriving® Round WL VX70-SP



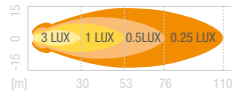
A 12 V and 24 V suitable working light for near-field illumination.

#### Features

- SPOT BEAM = Beam pattern for particularly focused high beam distribution
- Up to 53 m long light beam and a power level of up to 550 lm
- 5 high-performance OSRAM LEDs
- Protection class: IP6K7

#### Benefits

- Compact and robust – shatterproof polycarbonate lens and aluminum die-cast housing
- Brilliantly white light with 6 000 K
- Cable length 350 mm
- Standard brackets included
- 2-year guarantee<sup>1</sup>



### LEDDriving® Cube WL VX70-WD



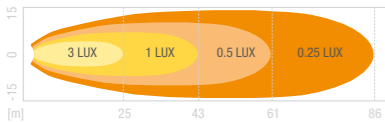
A 12 V and 24 V suitable working light for near-field illumination.

#### Features

- WIDE BEAM = Designed for a near-field illumination
- Up to 43 m long light beam and a power level of up to 550 lm
- 5 high-performance OSRAM LEDs
- Protection class: IP6K7

#### Benefits

- Compact and robust – shatterproof polycarbonate lens and aluminum die-cast housing
- Brilliantly white light with 6 000 K
- Cable length 350 mm
- Standard brackets included
- 2-year guarantee<sup>1</sup>



### OSRAM LEDDriving® Value series (VX)

Name	Product number	EAN	No. Of LED	V	W	Max Lumen output	(m) @1 Lux	K	IP	ECE	Product weight net (g)	Cable length (mm)
Rect WL VX80-WD	LEDWL110-WD	4062172419727	4	12/24	17	1500	56	6000	IP6K8, IP6K9K	R10, R148	305	450
Rect WL VX100-WD	LEDWL111-WD	4062172419741	6	12/24	26	2300	68	6000	IP6K8, IP6K9K	R10, R148	425	450
Oval WL VX100-WD	LEDWL112-WD	4062172419765	4	12/24	16.5	1500	50	6000	IP6K8, IP6K9K	R10, R148	371	450
Oval WL VX150-WD	LEDWL113-WD	4062172419789	6	12/24	28	2300	69	6000	IP6K8, IP6K9K	R10, R148	552	450
Round WL VX80-WD	LEDWL104-WD	4062172355100	4	12/24	12	1350	43	6000	IP6K8, IP6K9K	R10, R148	244	450
Round WL VX100-WD	LEDWL106-WD	4062172355148	6	12/24	20	2000	54	6000	IP6K8, IP6K9K	R10, R148	430	450
Cube WL VX80-WD	LEDWL105-WD	4062172355124	4	12/24	12	1350	47	6000	IP6K8, IP6K9K	R10, R148	256	450
Cube WL VX100-WD	LEDWL107-WD	4062172355162	6	12/24	20	2000	56	6000	IP6K8, IP6K9K	R10, R148	450	450
Cube WL VX125-WD	LEDWL108-WD	4062172355186	9	12/24	30	3000	67	6000	IP6K8, IP6K9K	R10	670	450
Lightbar WL VX80-WD	LEDWL114-WD	4062172419802	2	12/24	10	800	39	6000	IP6K8, IP6K9K	R10, R148	276	450
Lightbar WL VX125-WD	LEDWL115-WD	4062172419826	4	12/24	18	1500	48	6000	IP6K8, IP6K9K	R10, R148	430	450
Lightbar WL VX150-WD	LEDWL109-WD	4062172355209	6	12/24	15	1500	45	6000	IP6K8, IP6K9K	R10	358	450
Lightbar WL VX250-WD	LEDWL116-WD	4062172419840	8	12/24	36.5	3000	72	6000	IP6K8, IP6K9K	R10	666	450
Flush Mount WL VX100-FL	LEDFLUSH101-FL	4062172399920	2	12/24	7	600	45	6500	IP6K8, IP6K9K	R10	230	350
Cube WL VX80-SP	LEDWL101-SP	4062172141970	4	12/24	20	1300	114	6000	IP6K7	R10	1090	350
Round WL VX70-SP	LEDWL102-SP	4062172150699	5	12/24	20	550	53	6000	IP6K7	R10	450	350
Cube WL VX70-WD	LEDWL103-WD	4062172142021	5	12/24	24	550	43	6000	IP6K7	R10	540	350

<sup>1</sup> For precise conditions please refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee).

<sup>1</sup> For precise conditions please refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee).



A

B

**MULTIFUNCTIONAL WORKING LIGHT**

**Multifunction:**

Classic working light and stylish X shape working light.

## 3 Multifunctional series

### Powerful LED working lights

With two light functions, the OSRAM Multifunctional series combines power with practicality. Choose between the classic LED working light and the stylish X shape LED working light. Now you can explore further than ever before, safe in the knowledge that OSRAM will light the way.



**Working light application:**  
Versatile applicable and flexible in use.

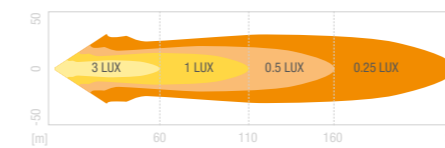


**Robust and vibration resistant:**  
Specially designed for demanding work environments.



**IP- & IK-Protection classes:**  
Tested and validated in our DIN certified environmental simulation laboratory for extreme external influences regarding water, dust, impacts, heat, cold and permanent vibration.

#### LEDiving® Cube MX85-SP



A 12 V suitable working light for far-field illumination with a stylish X shape design.

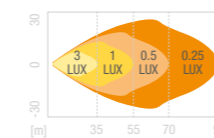
**Features**

- SPOT BEAM = Beam pattern for particularly focused high beam distribution
- Up to 110 m long light beam and a power level of up to 1 250 lm
- Two light functions: classic working light and the stylish X shape LED working light
- Protection class: IP6K7

**Benefits**

- Compact and robust – shatterproof polycarbonate lens and aluminum die-cast housing
- Improved view and visibility in low light conditions
- 2-year guarantee<sup>1</sup>

#### LEDiving® Cube MX85-WD



A 12 V suitable working light for far-field illumination with a stylish X shape design.

**Features**

- WIDE BEAM = Designed for a near-field illumination
- Up to 55 m long light beam and a power level of up to 1 250 lm
- Two light functions: classic working light and the stylish X shape LED working light
- Protection class: IP6K7


**Benefits**

- Compact and robust – shatterproof polycarbonate lens and aluminum die-cast housing
- Improved view and visibility in low light conditions
- 2-year guarantee<sup>1</sup>

#### OSRAM LEDiving® Multifunctional series (MX)

Name	Product number	EAN	No. Of LED	V	W	Max Lumen output	(m) @1 Lux	K	IP	ECE	Product weight net (g)
Cube MX85-SP	LEDDL101-SP	4052899595255	4	12	20	1250	110	6000	IP6K7	R10	500
Cube MX85-WD	LEDDL101-WD	4052899595279	4	12	20	1250	55	6000	IP6K7	R10	500

<sup>1</sup> For precise conditions please refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee).

**Reversing light application:**

Versatile applicable and flexible in use.


## 4 Functional series

For versatile applications


LEDiving® Functional series offer powerful near field illumination and are versatile applicable. These robust working lights are approved as reversing lights and come in different shapes.



**Robust and vibration resistant:**  
Specially designed for demanding work environments.



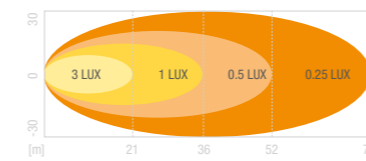
**IP- & IK-Protection classes:**  
Tested and validated in our DIN certified environmental simulation laboratory for extreme external influences regarding water, dust, impacts, heat, cold and permanent vibration.



**Guarantee:**  
5-year OSRAM guarantee.<sup>1</sup>

<sup>1</sup> For precise conditions please refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee).

### LEDiving® Reversing FX120R-WD



A 12 V and 24 V suitable working light for near-field illumination, that is approved as a reversing light.

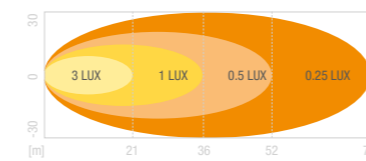
**Features**

- WIDE BEAM = Designed for a near-field illumination
- Up to 36 m long light beam and a power level of up to 1 100 lm
- Approved reversing light (ECE R23)
- Protection class: IP69K

**Benefits**

- Robust and resistant and specially developed for tough everyday working conditions
- Improved view and visibility in low light conditions
- 5-year guarantee<sup>1</sup>

### LEDiving® Reversing FX120S-WD



A 12 V and 24 V suitable working light for near-field illumination, that is approved as a reversing light.

**Features**

- WIDE BEAM = Designed for a near-field illumination
- Up to 36 m long light beam and a power level of up to 1 100 lm
- Approved reversing light (ECE R23)
- Protection class: IP69K

**Benefits**

- Robust and resistant and specially developed for tough everyday working conditions
- Improved view and visibility in low light conditions
- 5-year guarantee<sup>1</sup>

#### OSRAM LEDiving® Functional series (FX)

Name	Product number	EAN	No. Of LED	V	W	Max Lumen output	(m) @1 Lux	K	IP	ECE	Product weight net (g)
Reversing FX120R-WD	LEDDL108-WD	4062172105712	14	12/24	15	1100	36	6000	IP69K	R10, R23	360
Reversing FX120S-WD	LEDDL109-WD	4062172105736	13	12/24	15	1100	36	6000	IP69K	R10, R23	400

<sup>1</sup> For precise conditions please refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee).



**Easy installation:**

Specially designed for easy, uncomplicated, and flexible assembly.

## 5 Accessories

### Accessories designed for LEDDriving® working lights

To support the installation of OSRAM working lights, OSRAM has specially produced a series of matching accessories for them.<sup>1</sup>



**Flexible Mounting:**  
Particularly flexible bracket for the installation of the working lights PX.



**Heavy Duty Mounting:**  
Particularly strong and resistant bracket for the installation of the working lights PX.



**Compatibility:**  
Compatible with OSRAM working lights.

#### LEDDriving® Wire Harness AX 1LS



The Wire Harness AX 1LS is suitable for the installation of one light source with one lighting function of the working light.

**Features**

- Wire harness for easy installation of one light source with one light function
- On/off switch included which can be mounted in the cockpit
- Suitable for 12 V vehicles

**Benefits**

- Compatible with all OSRAM LEDDriving® driving and working lights
- Easy installation
- 2-year guarantee<sup>1</sup>

#### LEDDriving® Wire Harness AX 2LS



The Wire Harness AX 2LS is suitable for the installation of two light sources with one lighting function of the working light.

**Features**

- Wire harness for easy installation of two light sources with one light function
- On/off switch included which can be mounted in the cockpit
- Suitable for 12 V vehicles

**Benefits**

- Compatible with all OSRAM LEDDriving® driving and working lights
- Easy installation
- 2-year guarantee<sup>1</sup>

#### LEDDriving® Mounting Kit PX



A flexible mounting kit specially designed for the working lights of the PX series

**Features**

- Compatible with all OSRAM LEDDriving® working lights Professional series
- Specially designed for easy, uncomplicated, and flexible assembly
- Mounting on the vehicle with only one central screw possible
- Vibration resistance: Min. 8 g rms, robust and resistant

**Benefits**

- Adjustable to the desired tilt angle by up to +/-15 degrees
- 360° flexible mounting
- All components are made of stainless steel
- 5-year guarantee<sup>1</sup>

#### LEDDriving® Heavy Duty Mounting Kit PX



A heavy duty mounting kit specially designed for the working lights of the PX series.

**Features**

- Compatible with all OSRAM LEDDriving® working lights Professional series
- Especially developed for heavy-duty vehicles
- Mounting on the vehicle with only one central screw possible
- Vibration resistance: Min. 15 g rms

**Benefits**

- Adjustable to the desired tilt angle by up to +/-30 degrees
- Particularly robust and resistant
- All components are made of stainless steel
- 5-year guarantee<sup>1</sup>

<sup>1</sup> Special installation regulations apply. Individual special requirements and legislation of the countries must be observed.

<sup>1</sup> For precise conditions please refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee).

## LEDDriving® Connection Cable 300 DT AX

A 3 m long connection cable to install the working lights of the PX series.



### Features

- Compatible with all OSRAM LEDDriving® working lights PX and with LEDDriving® driving lights FX and SX
- Suitable for 12 V and 24 V vehicles
- DT Connector: DT06-2S
- Conductor material pure copper

### Benefits

- Length: 3 m
- Easy installation
- To install appropriate lighting even on large vehicles
- 2-year guarantee<sup>1</sup>

### OSRAM LEDDriving® Accessories (AX)

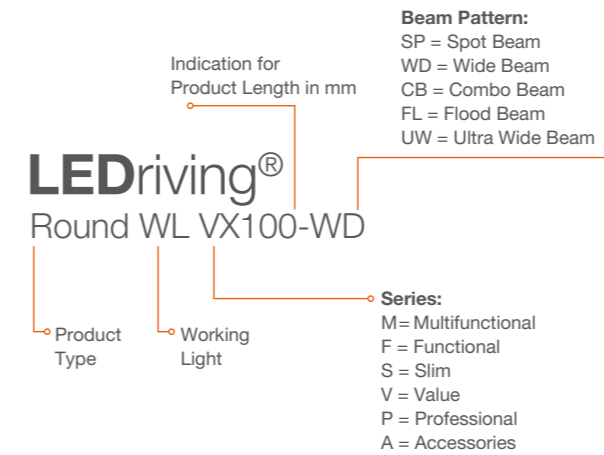
Name	Product number	EAN	V	ECE	Product weight net (g)	Cable length (mm)
Wire Harness AX 1LS	LEDDL ACC 101	4062172147682	12	-	275	2550
Wire Harness AX 2LS	LEDDL ACC 102	4062172147729	12	-	348	3400
Mounting Kit PX	LEDPWL ACC 101	4062172294768	-	R10	174	-
Heavy Duty Mounting Kit PX	LEDPWL ACC 102	4062172294782	-	R10	305	-
Connection Cable 300 DT AX	LEDPWL ACC 103	4062172294805	12/24	R10	249	3000

## Useful information for end-users

OSRAM LEDDriving® working lights have been designed and engineered for a wide range of applications. Each headlight features one of five light beam types to give you maximum visibility exactly where you need it.

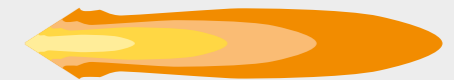
Product name – key to its features

Can you decipher the symbol ROUND WL VX100-WD? If not, read our mini-guide and learn the meanings of the product symbols in our brochure.



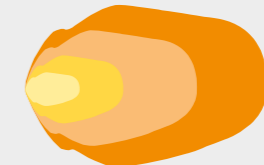
### Spot beam:

A spot beam pattern is designed, manufactured and intended for far-field illumination. The reflector design focuses the light beam to a light spot in the far field of the vehicle.



### Flood beam:

A flood beam is designed for near-field illumination. The reflector distributes the light over a large area in the near field of the vehicle.



### Wide beam:

A wide beam pattern is designed, manufactured and intended for near-field illumination. The reflector distributes the light widely in the near field around the vehicle.



### Ultra wide beam:

An ultra wide beam is intended for close-range illumination. With an extra wide light cone, the reflector provides particularly extensive illumination in the vehicle's near field.



### Combo beam:

A combo-beam is designed for both far-field and near-field illumination. The reflector combines a spot and wide beam to achieve wide illumination in the near field and punctual in the far field.



<sup>1</sup> For precise conditions please refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee).

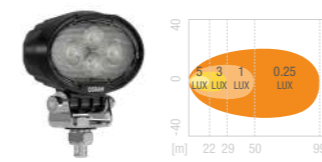
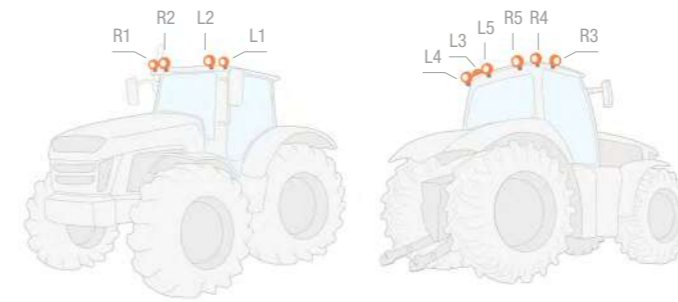
# Vehicles for agriculture and forestry

## Product recommendations and positioning



### Tractor

#### BASE



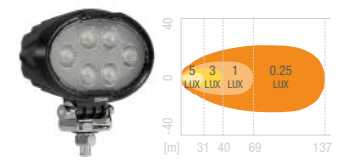
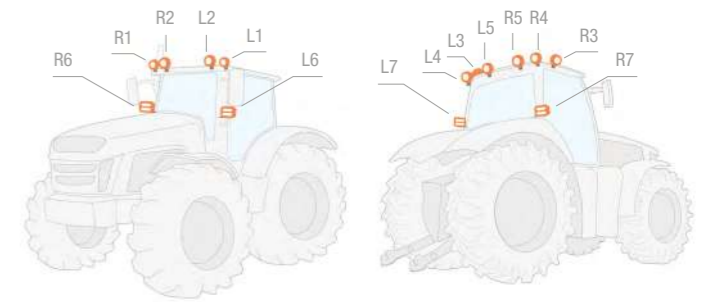
#### Round WL VX80-WD

Quantity 10  
Position L1, L2, L3, L4, L5, R1, R2, R3, R4, R5

#### Oval WL VX100-WD

Quantity 10  
Position L1, L2, L3, L4, L5, R1, R2, R3, R4, R5

#### ADVANCED



#### Round WL VX100-WD

Quantity 10  
Position L1, L2, L3, L4, L5, R1, R2, R3, R4, R5

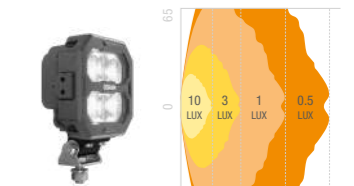
#### Oval WL VX150-WD

Quantity 10  
Position L1, L2, L3, L4, L5, R1, R2, R3, R4, R5



#### Cube PX4500 Flood

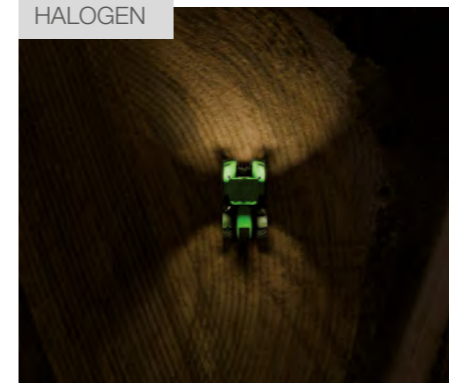
Quantity 2  
Position L6, R6



#### Cube PX4500 Ultra Wide

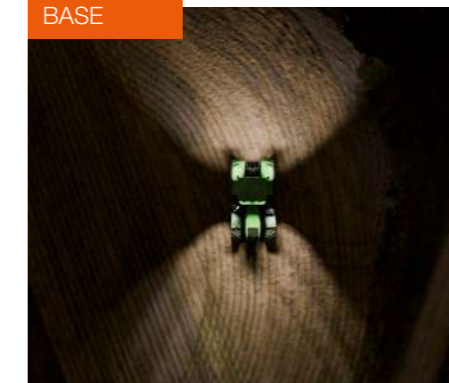
Quantity 2  
Position L7, R7

#### HALOGEN



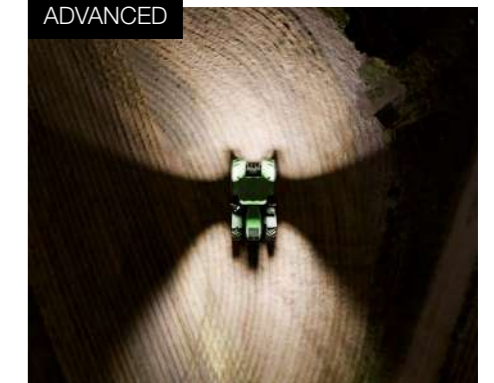
**Halogen:** Halogen lighting provides basic illumination, but with limited range and uneven light distribution. Dark shadows are created and contrasts are difficult to recognise, especially when working at dusk.

#### BASE



**Base:** The Base upgrade provides a significant improvement over halogen headlights. Thanks to modern LED technology, it offers a higher light output and homogeneous illumination of the work area. Field edges and implements are clearly recognisable, enabling efficient work.

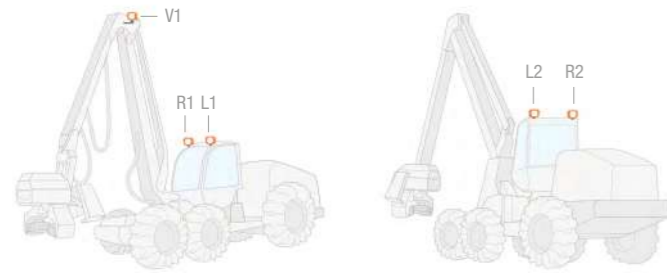
#### ADVANCED



**Advanced:** Maximum light output with optimum illumination right to the edges. Wide, homogeneous light ensures optimum visibility of implements and tracks. Glare-free light reduces fatigue and improves concentration – good for long working hours at night.

## Forest Harvester

### BASE

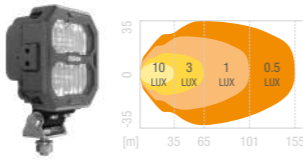
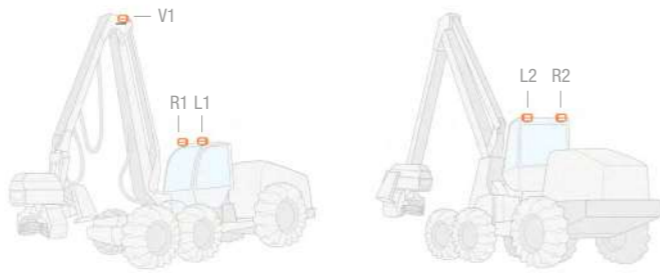


#### Cube WL VX80-WD

Quantity 5

Position L1, L2, R1, R2, V1

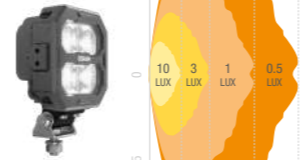
### ADVANCED



#### Cube PX4500 Flood

Quantity 2

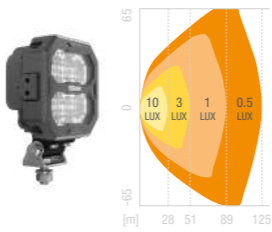
Position L1, R1



#### Cube PX4500 Ultra Wide

Quantity 2

Position L2, R2

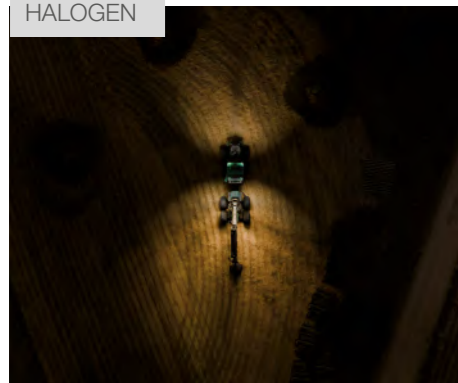


#### Cube PX4500 Wide

Quantity 1

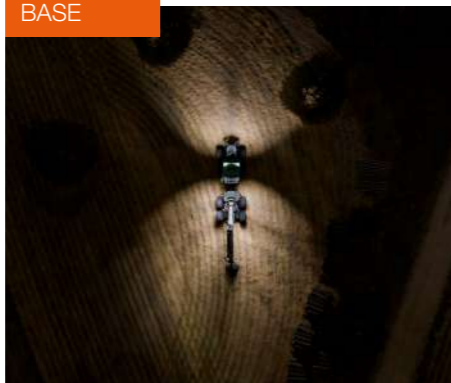
Position V1

### HALOGEN



**Halogen:** Forestry machines have to work in extreme conditions: dense forest, uneven terrain, fog and dust make visibility difficult. Halogen headlights quickly reach their limits here, as they offer little depth effect and cast shadows that make orientation difficult.

### BASE



**Base:** LED technology improves the depth effect and clearly emphasises obstacles. The working area is evenly illuminated, making tree trunks and branches more visible. Natural colour rendition facilitates orientation and enables precise work in rough terrain.

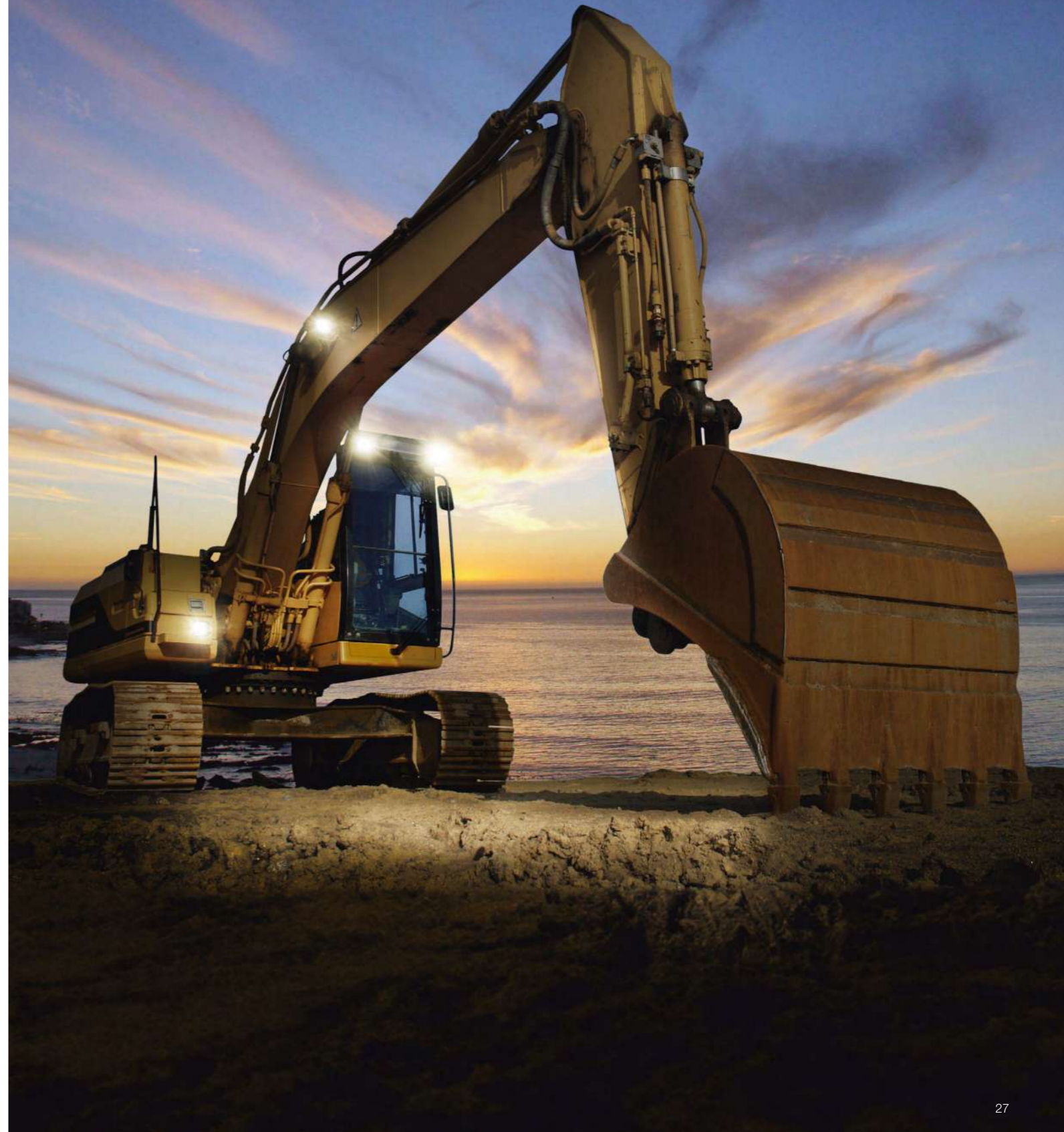
### ADVANCED



**Advanced:** OSRAM's most powerful solution for forestry applications. Thanks to maximum light intensity and wide-area illumination, the finest details such as branches or ground elevations are visible. Even under difficult conditions, this lighting ensures a clear view and facilitates precise work.

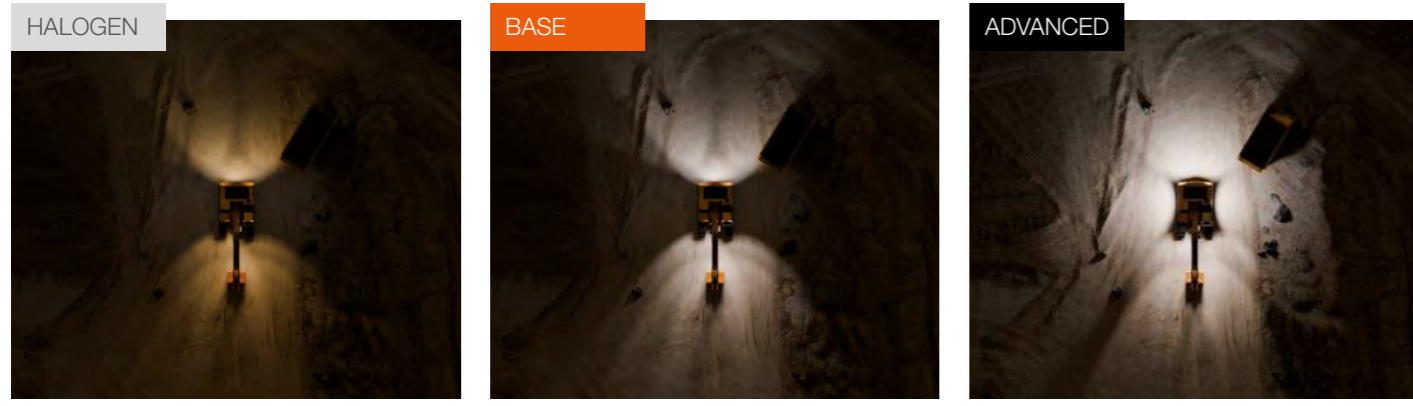
# Construction vehicles

## Product recommendations and positioning



## Excavator

BASE		ADVANCED	
<b>Cube WL VX100-WD</b> Quantity 7 Position L1, L2, L3, R1, R2, R3, R4	<b>Cube WL VX125-WD</b> Quantity 2 Position V1, V2	<b>Cube PX4500 Flood</b> Quantity 2 Position L1, R1	<b>Cube PX4500 Ultra Wide</b> Quantity 5 Position L2, L3, R2, R3, R4
		<b>Cube PX4500 Wide</b> Quantity 2 Position V1, V2	



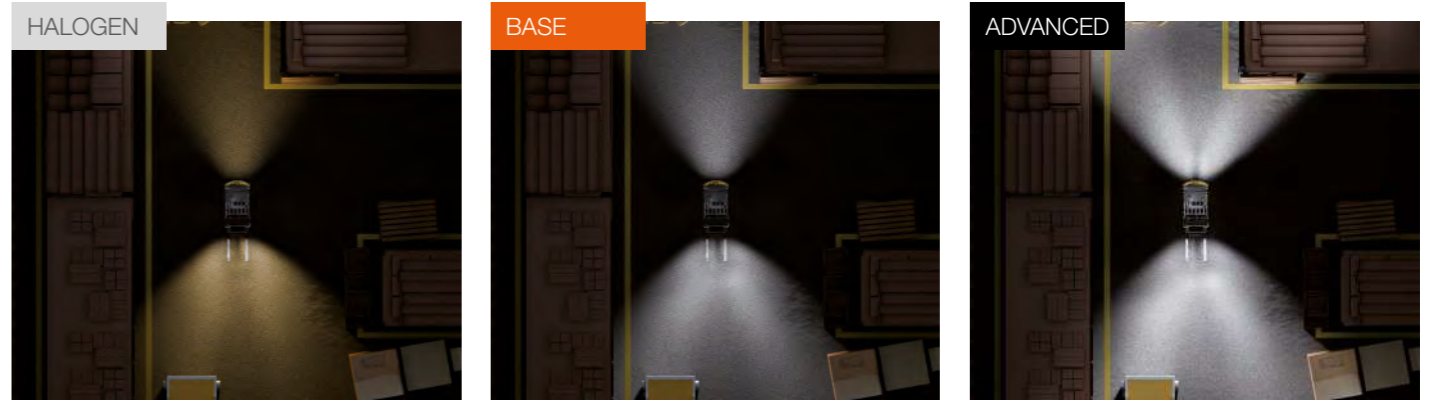
**Halogen:** When digging or lifting, uneven light distribution can impair precision. Especially in dusty environments or in the rain, the low light output results in poor visibility, which makes working on construction sites more difficult.

**Base:** LED technology achieves homogeneous and powerful illumination of the work area. Shadows are minimised and digging edges, tools and materials are easier to see. The improved contrast vision increases accuracy and reduces the risk of misjudgements during excavation work.

**Advanced:** The Advanced package offers all-round lighting with maximum depth illumination. From the pit to the height of the crane hook, everything remains perfectly visible. Glare-free LEDs ensure precise work even in deep excavation pits and improve visibility on unlit construction sites.

## Forklift

BASE		ADVANCED	
<b>Lightbar WL VX80-WD</b> Quantity 3 Position L1, R1, R2		<b>Rect WL VX80-WD</b> Quantity 4 Position L1, L2, R1, R2	



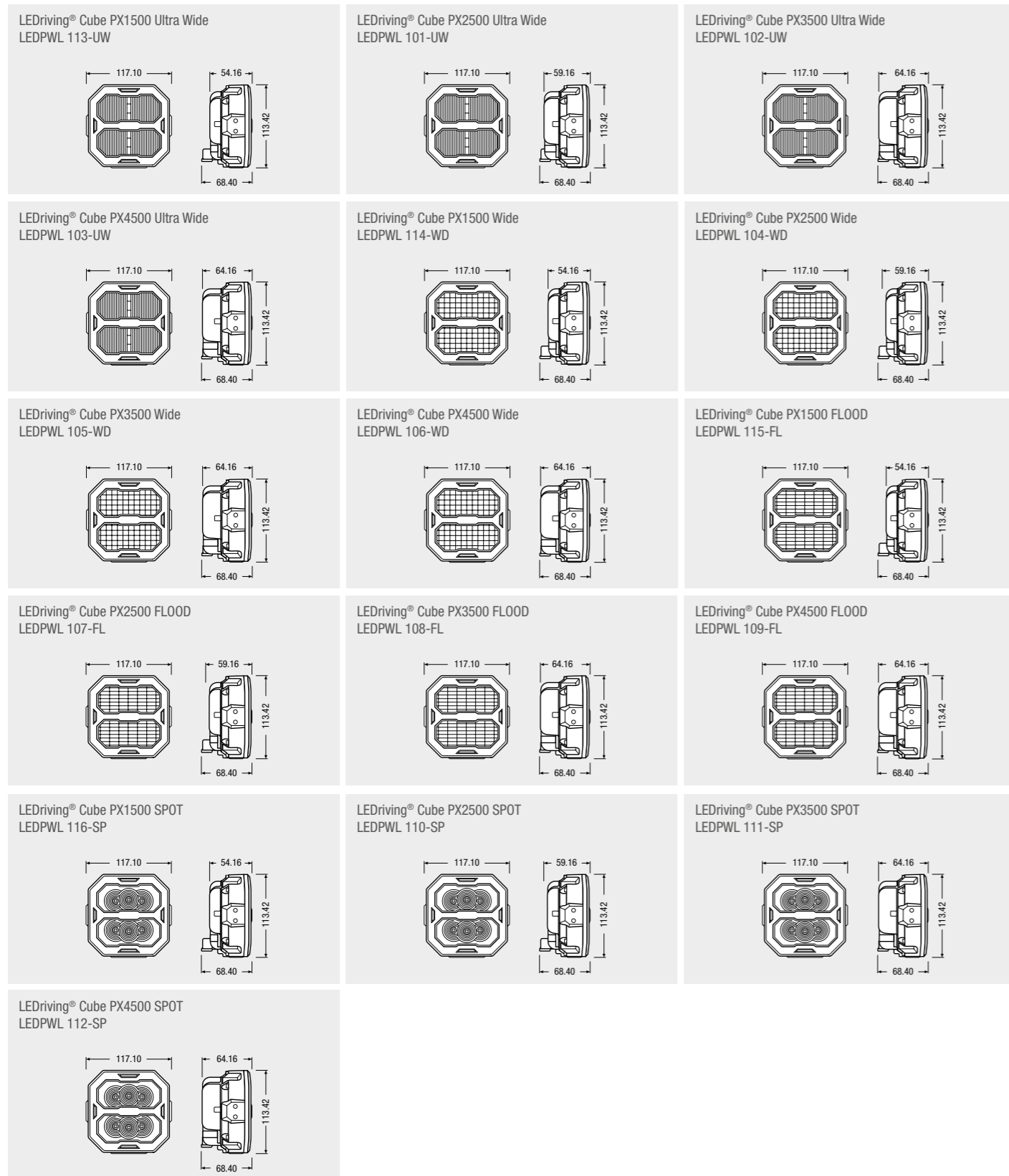
**Halogen:** Forklifts often work in poorly lit warehouses or outdoors at dusk. Halogen headlights often do not provide enough light to clearly recognise routes, pallets and obstacles.

**Base:** The upgrade to LED provides homogeneous and brighter lighting, enabling obstacles to be recognised at an early stage. The daylight-like colour temperature makes it easier to see contrasts, which makes work such as stacking and unloading goods more pleasant and less tiring.

**Advanced:** With this package, the entire work area is illuminated without any gaps. No shelf, no pallet remains in the dark. This powerful LED lighting makes a decisive difference in terms of safety and efficiency, especially in narrow warehouses or on busy factory premises.

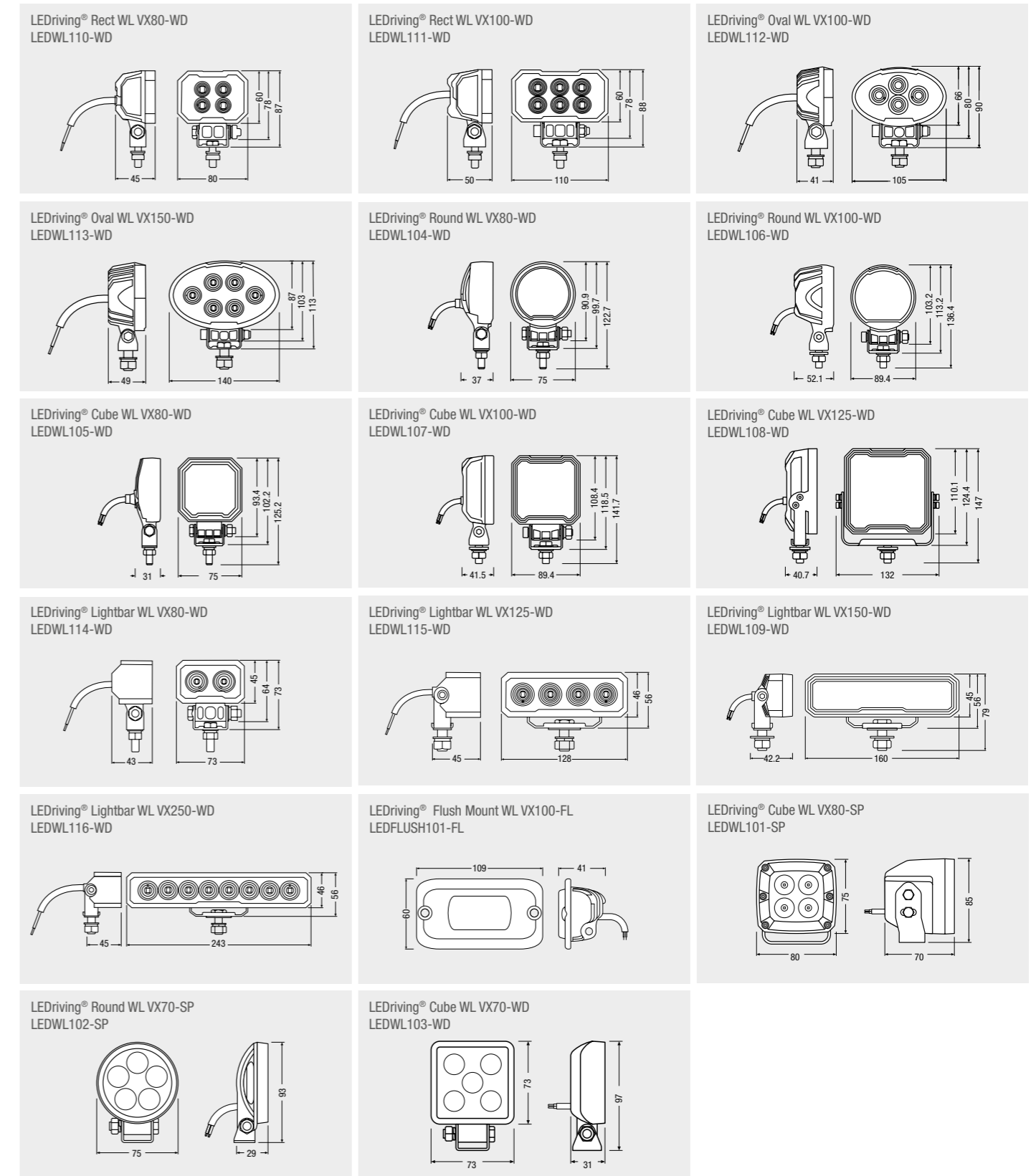
# Measurements

## Professional series

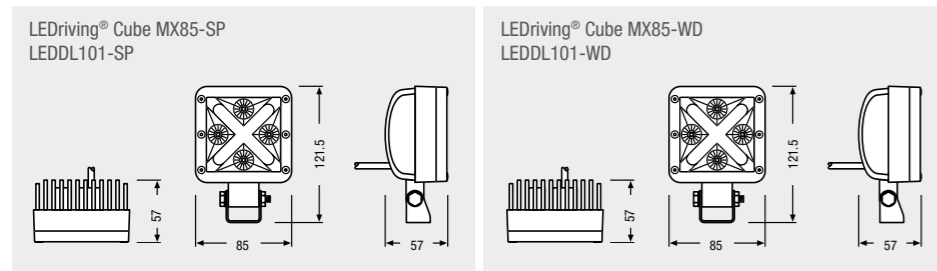


# Measurements

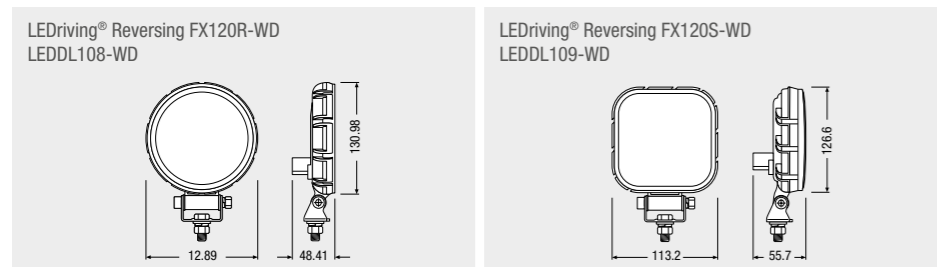
## Value series



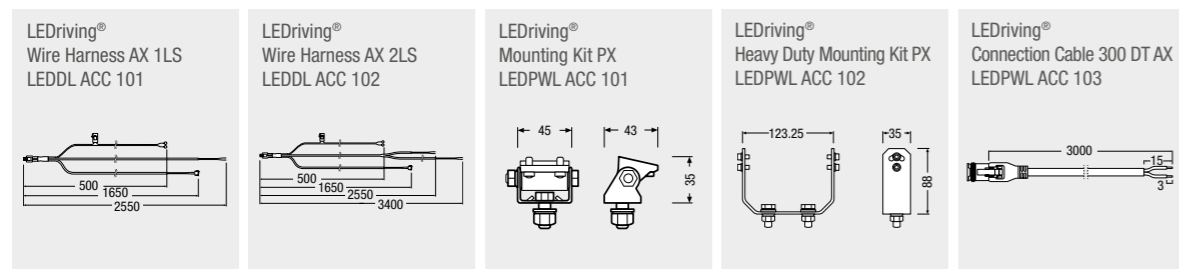
## Measurements Multifunctional series



## Measurements Functional series



## Measurements Accessories




## Advantages of OSRAM Guarantee


OSRAM products are innovative and technologically high-quality products that are carefully-tested and subject to the strict monitoring undertaken by the OSRAM quality assurance system. LEDDriving® working lights are backed by up to 5-year guarantee from OSRAM.<sup>1</sup>

## Guarantee claim: Step-by-step instructions


Did you experience a defect during the guarantee period? We are sorry because this does not coincide with our quality standards! To resolve the problem, you can of course approach your dealer – or optionally you may contact us. In the latter case, it takes just five simple steps to get a replacement:




**Packing:**  
Pack the lamp securely for transport. Use the original packaging if you still have it.




**Include the receipt:**  
Include the receipt or invoice in the package (either the original or a copy) if you still have it.




**Add the completed complaint form:**  
Place the completed customer complaint form into the carton.



**Seal and address it:**  
Seal the package and address it to us. You will find the address for returns in your country on this list.



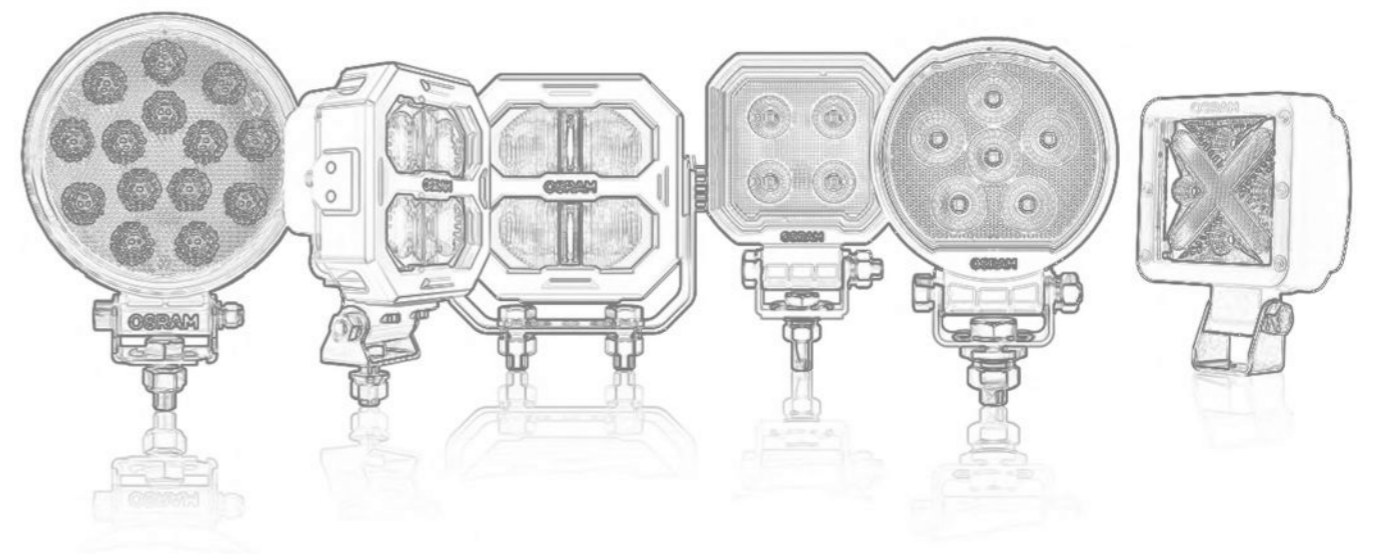
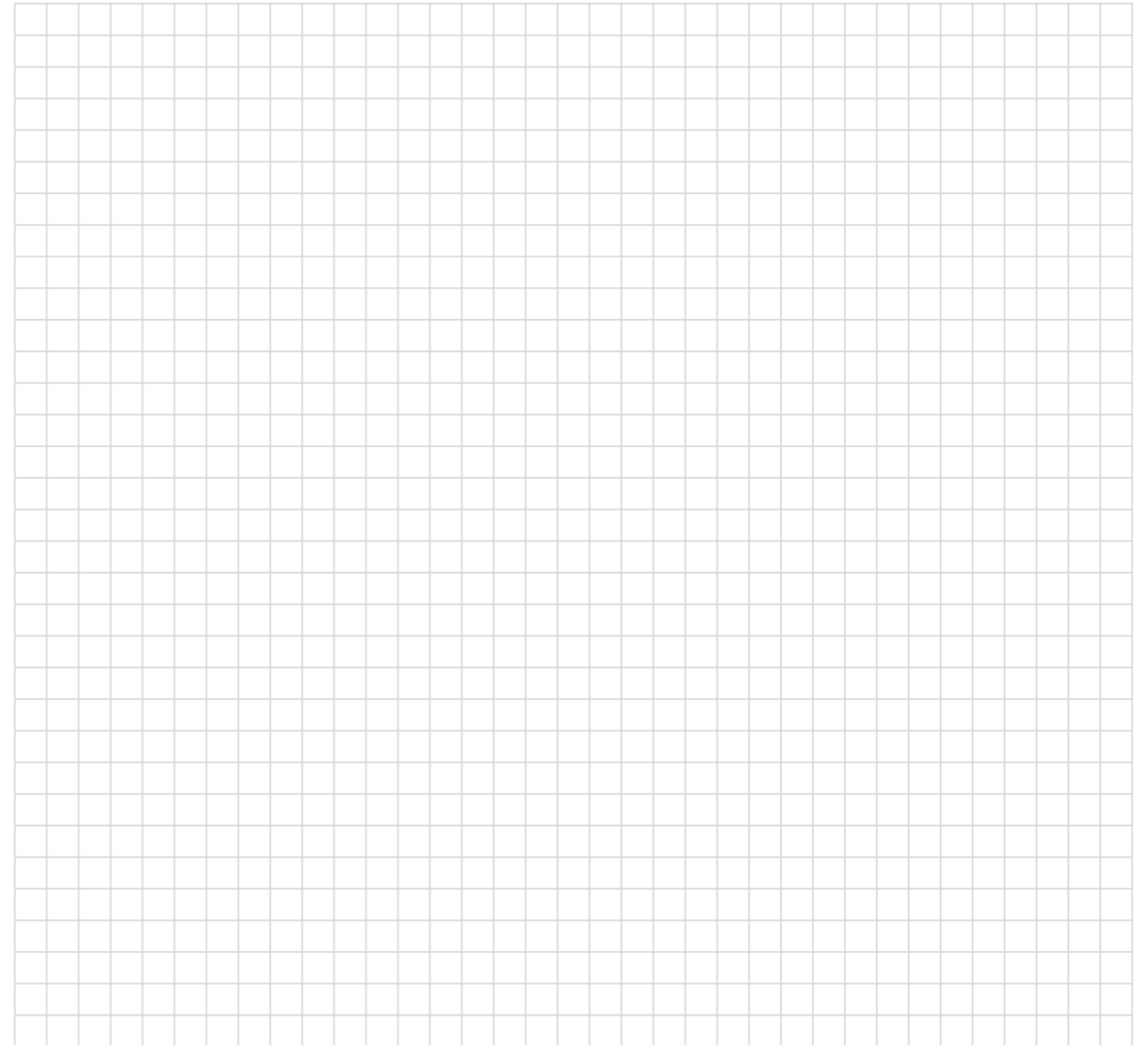
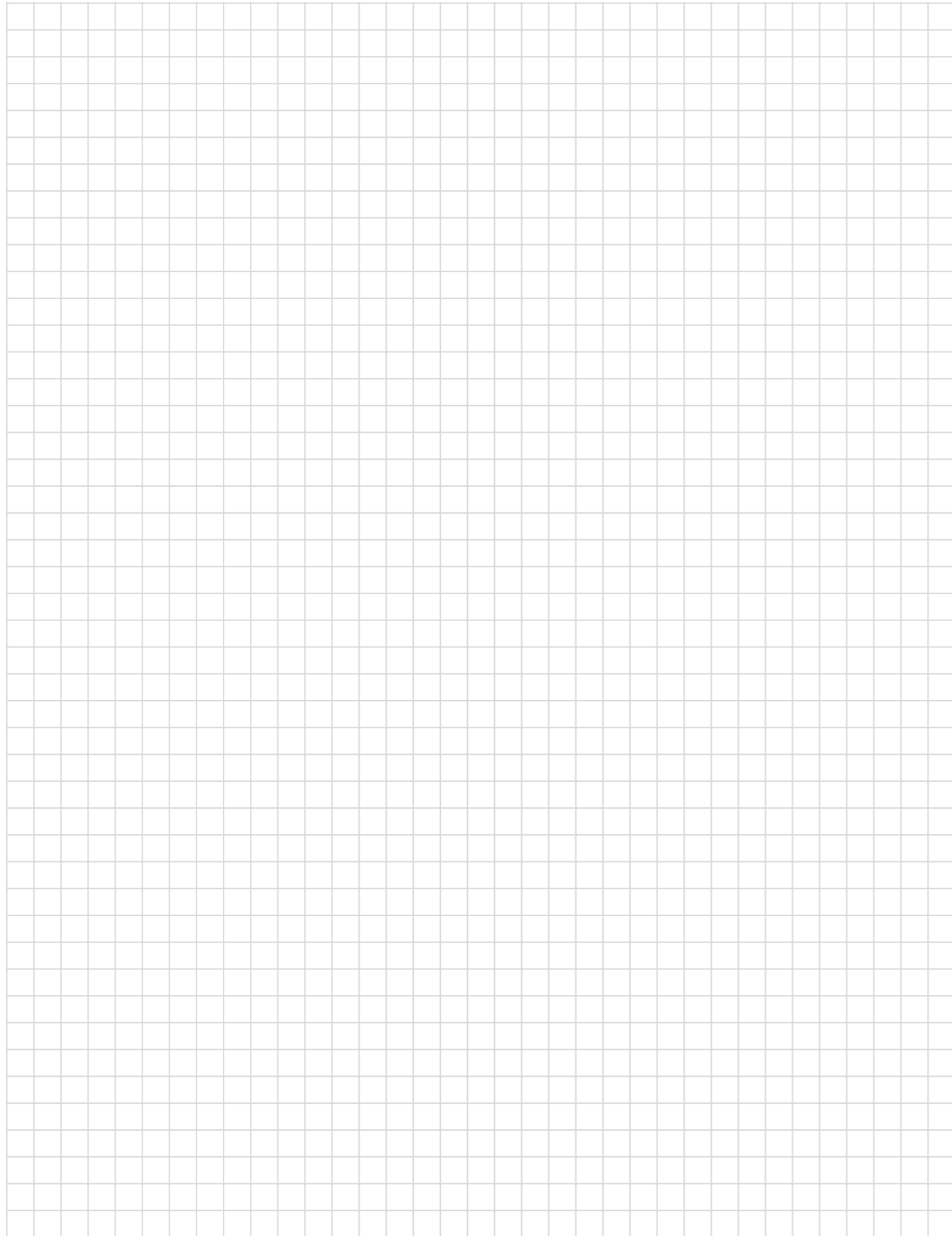
**Send the package:**  
Send your package to us – please affix correct postage. We will take care of the problem as quickly as possible!



The list of the OSRAM LEDDriving® Working Lights series covered by a 5-year or 2-year guarantee can be found here:  
[www.osram.com/am-guarantee](http://www.osram.com/am-guarantee)

<sup>1</sup> 5-year guarantee for FX, MX and PX series. 2-year guarantee for VX and AX series. Refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee) for precise conditions.

# My notes



Download the latest OSRAM Automotive catalogue to see our full range of lighting products.  
[www.osram.com/am-catalog-digital](http://www.osram.com/am-catalog-digital)



Not sure which lamps fit your customer's vehicle? Use our online lamp finder tool to find out.  
[www.osram.com/vehiclelamps](http://www.osram.com/vehiclelamps)



Distributor:

Stay up to date.  
Follow OSRAM Automotive on social media

Facebook  
[www.facebook.com/osramautomotive](http://www.facebook.com/osramautomotive)



Instagram  
[www.instagram.com/osram.automotive](http://www.instagram.com/osram.automotive)



YouTube  
[www.osram.com/am-youtube](http://www.osram.com/am-youtube)



**OSRAM GmbH**

Head office:

Marcel-Breuer-Strasse 4  
80807 Munich, Germany  
Phone: +49 89 6213-0  
Fax: +49 89 6213-2020  
[www.osram.com](http://www.osram.com)

Find out more about us on [ams-osram.com](http://ams-osram.com)

Ams and OSRAM are registered trademarks of ams OSRAM Group. In addition, many of our products and services are registered or filed trademarks of ams OSRAM Group. All other company or product names mentioned herein may be trademarks or registered trademarks of their respective owners.

