



Bringing light to life  
OSRAM LEDriving®  
driving and working lights

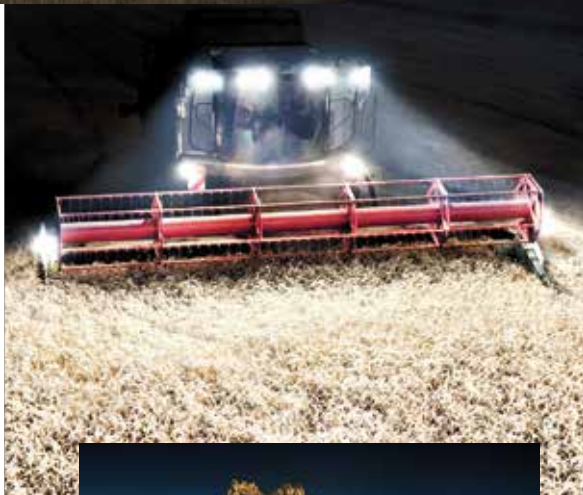
The night doesn't stand a chance

Light is OSRAM

**OSRAM**

Distributed by

 **VAPORMATIC**



# Take control when darkness falls

## **LEDDriving® driving lights\***

When the road calls for more intense illumination, you can rely on OSRAM LEDDriving® driving lights to step up to the challenge. Designed with a range of high beam options, including spot and combination patterns with powerful far- and near-field illumination, these robust, long-life lights are available in four different product series: Multifunctional, Functional, Slim and Value. They offer the most sophisticated LED light and electrical design on the market, and are suitable for 12 and 24 voltage vehicles.\*

## **LEDDriving® working lights**

Hard-working and hard-wearing, these robust and compact lights are designed to take on the most heavy-duty of applications. Production won't stop when darkness falls thanks to these intensely white LED lights - providing extremely high optical efficiency and sophisticated thermal management. With a powerful high beam pattern and penetrating far- and near-field illumination, these units make light of hard work.

# Trust in OSRAM

**Illuminate the world ahead** with high-brightness lighting and powerful far- and near-field illumination of up to 635m.

**Customize your light profile** with spot, wide or combo high beams, available in a variety of angles and styles.

**Experience extremely high optic efficiency** with homogeneous light distribution and reduced glaring, even during compromised daylight, for increased road safety.

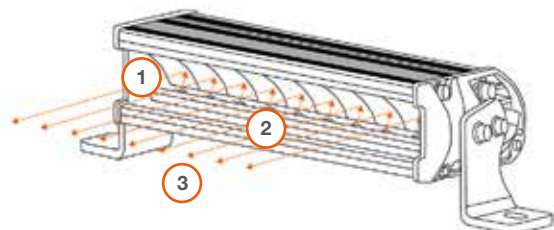
**Endure the most heavy-duty** applications with an extremely robust polycarbonate lens and multiple voltage protection.

**Wield up to 5,000 hours of light** with a robust, yet compact design, featuring integrated drivers and a thermal management system.

\*Driving lights must be installed in pairs for 12V/24V-vehicles.

# Powered by pure LED performance

We have combined high performance OSRAM LED technology with the latest innovation in indirect illumination. OSRAM's specially designed free-form curved reflector enhances optical performance by redirecting LED light outward to reduce glare and improve visibility.



1 Free-form curved reflector bundles and directs light for a homogeneous distribution

2 LEDs in a row

3 Homogeneous light

## OSRAM Quality

All OSRAM LEDriving® driving and working lights are rigorously tested under the most extreme environmental conditions to ensure premium quality light for anything nature throws at you. Plus, you have the rock-solid reassurance of a 5-year OSRAM guarantee on the FX, MX and SX ranges and a 2-year OSRAM guarantee on the VX and AX ranges\*.



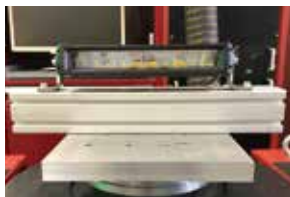
**Goniometer**  
(For precise angles)



**Climate**  
(Heat)



**Water- and dirt-proof**  
(IP67/IP69)



**Vibration**  
(WBR, shock and flying gravel)



**Corrosion**  
(Saltwater)



**Climate**  
(Frost)

\*Refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee) for precise conditions.

# ECE Regulations

OSRAM LEDriving® Driving Lights are approved according to ECE regulations and may therefore be installed and operated on public roads. Please note: special installation regulations apply. In addition to ECE approval of the product, individual special requirements and legislation of the countries must be observed. Our Working Lights range do not have ECE approval and therefore should not be used on public roads.

When fitting additional lights, you must comply with the three ECE regulations (R112, R7 and R23).

Every ECE approved headlight, including the one built into your vehicle, has a Reference Number. This indicates the high beam headlights intensity. The higher the Reference Number, the brighter the headlight.

## **Regulation ECE R112**

This relates to high and low beam intensity.

- Always install in pairs
- Maximum 4 high beam lights for cars (incl. existing lights) operating in parallel
- Maximum 6 high beam lights for trucks (incl. existing lights) operating in parallel

## **Regulation ECE R7**

This relates to the positioning lights of your vehicle.

- Maximum 4 position lights for cars and trucks (incl. existing lights) operating in parallel
- Must be directly wired
- Mounted in pairs
- Must adhere to width and height regulations\*\*

## **Regulation ECE R23**

This relates to reversing lights.

- Maximum 2 rear light for cars (gross weight under 3.5 tons), incl. existing lights
- Maximum 2 rear + 2 side lights for trucks (gross weight over 3.5 tons), incl. existing lights
- Must adhere to width and height regulations\*\*

## **Regulation ECE R10**

Relates to the requirements regarding the immunity to radiated and conducted disturbances related to direct control of the vehicle, the driver, passenger and other road users' protection.

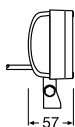
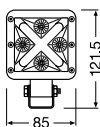
- Addresses disturbances which would cause confusion to the driver or other road users, related to vehicle data bus functionality.
- Addresses requirements regarding the control of unwanted radiated and conducted emissions to protect the intended use of electrical or electronic equipment from nearby or adjacent vehicles and the control of disturbances from accessories that may be retrofitted to the vehicle.

# Multifunctional Series

With high-beam and LED front positioning functionality, the OSRAM Multifunctional series combines power with practicality.

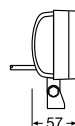
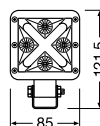
## Cube MX85-SP Part Number: VLC6188

Spot Beam - up to +110m (1 LUX)



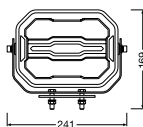
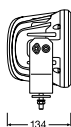
## Cube MX85-WD Part Number: VLC6187

Wide Beam - up to +55m (1 LUX)



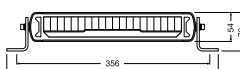
## Cube MX240-CB Part Number: VLC6203

Combo Beam - up to +430m (1 LUX)



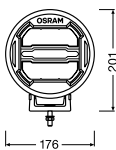
## Lightbar MX250-CB Part Number: VLC6200

Combo Beam - up to +320m (1 LUX)



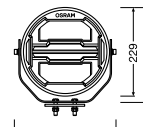
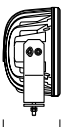
## Round MX180-CB Part Number: VLC6201

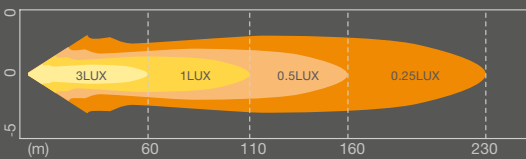
Combo Beam - up to +300m (1 LUX)



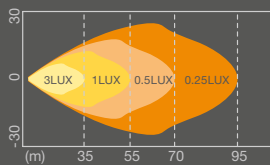
## Round MX260-CB Part Number: VLC6202

Combo Beam - up to +350m (1 LUX)





W	V	lm	(m) 1LUX	K	IP	ECE	ECE ref. no.
22/2	12	1250	110	6000	IP67	R10	-



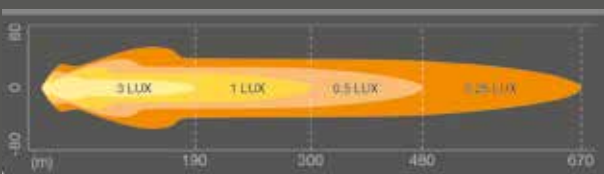
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22/2	12	1250	55	6000	IP67	R10	-



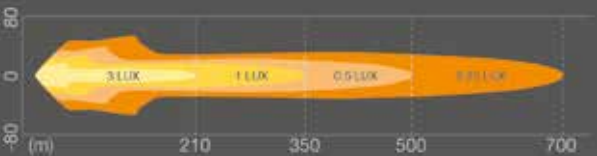
W	V	lm	(m) 1LUX	K	IP	ECE	ECE ref. no.
70/1.5	12/24	4000	430	6000	IP69K	R10/7/112	50



W	V	lm	(m) 1LUX	K	IP	ECE	ECE ref. no.
45/1	12/24	2700	320	6000	IP69K	R10/7/112	30



W	V	lm	(m) 1LUX	K	IP	ECE	ECE ref. no.
39/1	12/24	3000	300	6000	IP69K	R10/7/112	25



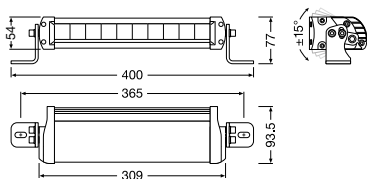
W	V	lm	(m) 1LUX	K	IP	ECE	ECE ref. no.
60/2.5	12/24	3500	350	6000	IP67K	R10/7/112	50

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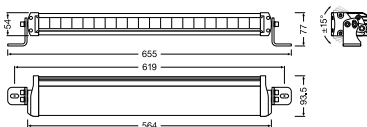
# Functional Series

Get a fully ECE compliant auxiliary high beam and choose between two high beam patterns for improved far- and near-field illumination.

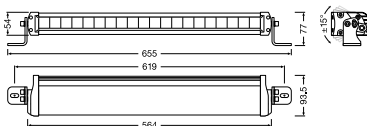
**Lightbar FX250-CB Part Number: VLC6189**  
Combo Beam - up to +320m (1 LUX)



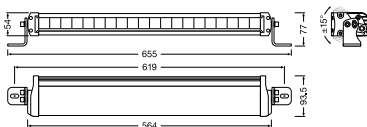
**Lightbar FX500-SP Part Number: VLC6190**  
Spot Beam - up to +450m (1 LUX)



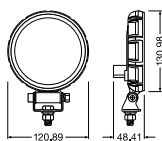
**Lightbar FX500-CB Part Number: VLC6191**  
Combo Beam - up to +440m (1 LUX)



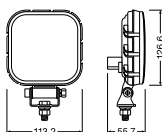
**Lightbar FX500-CB SM\* Part Number: VLC6192**  
Combo Beam - up to +440m (1 LUX)



**Reversing FX120R-WD Part Number: VLC6198**  
Wide Beam - up to +36m (1 LUX)

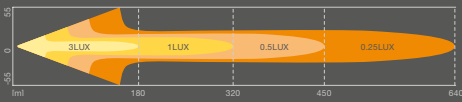


**Reversing FX120S-WD Part Number: VLC6199**  
Wide Beam - up to +36m (1 LUX)

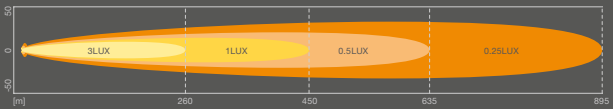


\*Single Mount – no pair installation necessary, due to two certified light sources.

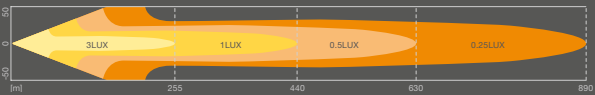




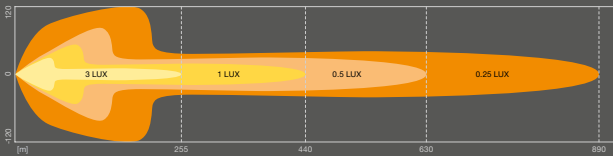
W	V	lm	(m)	1LUX	K	IP	ECE	ECE ref. no.
35	12/24	2700	320	6000	IP67	R10/112	27.5	



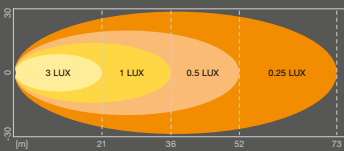
W	V	lm	(m)	1LUX	K	IP	ECE	ECE ref. no.
36	12/24	3500	450	6000	IP67	R10/112	45	



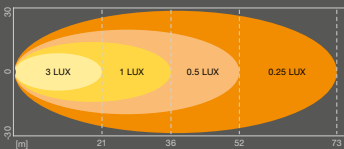
W	V	lm	(m)	1LUX	K	IP	ECE	ECE ref. no.
68	12/24	5500	440	6000	IP67	R10/112	45	



W	V	lm	(m)	1LUX	K	IP	ECE	ECE ref. no.
68	12/24	5500	440	6000	IP67	R10/2x112	25+25	



W	V	lm	(m)	1LUX	K	IP	ECE
15	12/24	1100	36	2700	IP69K	R10/R23	



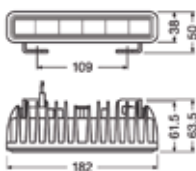
W	V	lm	(m)	1LUX	K	IP	ECE
15	12/24	1100	36	2700	IP69K	R10/R23	

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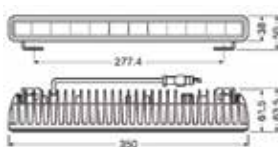
# Slim Series

Auxiliary high beam spotlights are designed with a slim and compact housing which allows for easy mounting.

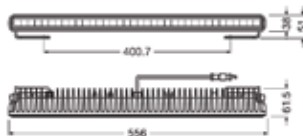
**Lightbar SX180-SP Part Number: VLC6193**  
Spot Beam - up to +190m (1 LUX)



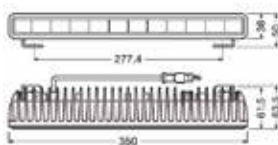
**Lightbar SX300-SP Part Number: VLC6194**  
Spot Beam - up to +270m (1 LUX)



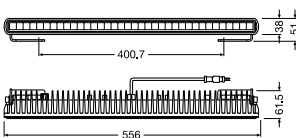
**Lightbar SX500-SP Part Number: VLC6196**  
Spot Beam - up to +370m (1 LUX)

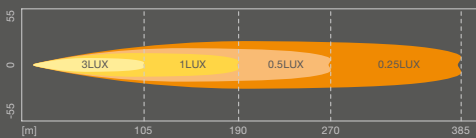


**Lightbar SX300-CB Part Number: VLC6195**  
Combo Beam - up to +210m (1 LUX)

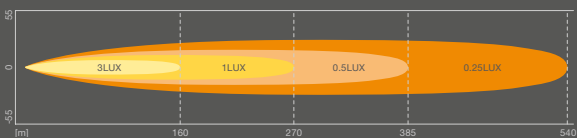


**Lightbar SX500-CB Part Number: VLC6197**  
Combo Beam - up to +290m (1 LUX)

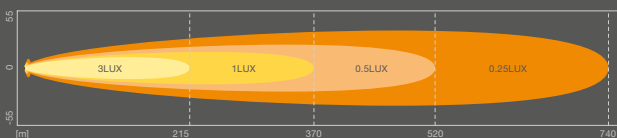




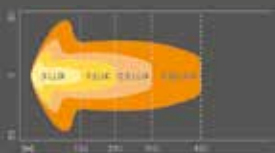
W	V	lm	(m)	1LUX	K	IP	ECE	ECE ref. no.
14	12/24	1300	190	6000	IP69K	R10/112	10	



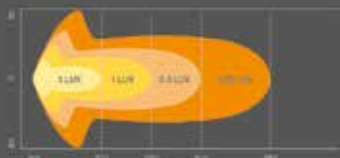
W	V	lm	(m)	1LUX	K	IP	ECE	ECE ref. no.
29	12/24	2600	270	6000	IP69K	R10/112	20	



W	V	lm	(m)	1LUX	K	IP	ECE	ECE ref. no.
46	12/24	3900	370	6000	IP69K	R10/7/112	30	



W	V	lm	(m)	1LUX	K	IP	ECE	ECE ref. no.
29	12/24	2600	210	6000	IP69K	R10/112	10	



W	V	lm	(m)	1LUX	K	IP	ECE	ECE ref. no.
44	12/24	3900	290	6000	IP69K	R10/112	20	

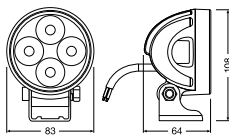
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# Value Series

The Value Series is designed to offer proven quality and increased vision for forward and rear applications at an economical price.

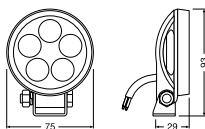
## Round VX80-WD Part Number: VLC6208

Wide Beam - up to +240m (1 LUX)



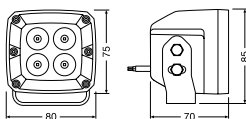
## Round VX70-SP Part Number: VLC6210

Spot Beam - up to +53m (1 LUX)



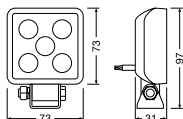
## Cube VX80-SP Part Number: VLC6209

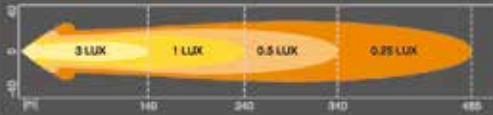
Spot Beam - up to +114m (1 LUX)



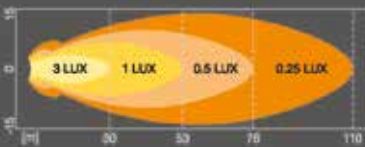
## Cube VX70-WD Part Number: VLC6211

Wide Beam - up to +43m (1 LUX)





W	V	lm	(m) 1LUX	K	IP	ECE
22	12/24	1150	240	6000	IP67	R10/112



W	V	lm	(m) 1LUX	K	IP	ECE
8	12/24	550	53	6000	IP67	R10



W	V	lm	(m) 1LUX	K	IP	ECE
20	12/24	1300	114	6000	IP67	R10



W	V	lm	(m) 1LUX	K	IP	ECE
8	12/24	550	43	6000	IP67	R10

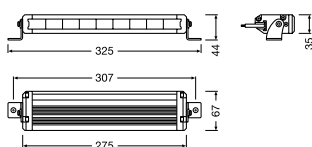
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# Value Series

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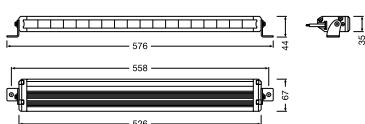
## Lightbar VX250-SP Part Number: VLC6204

Spot Beam - up to +318m (1 LUX)



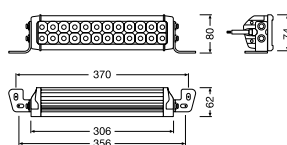
## Lightbar VX500-SP Part Number: VLC6205

Spot Beam - up to +415m (1 LUX)



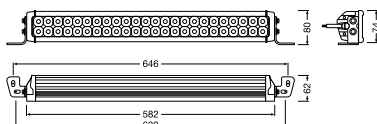
## Lightbar VX250-CB Part Number: VLC6206

Combo Beam - up to +170m (1 LUX)

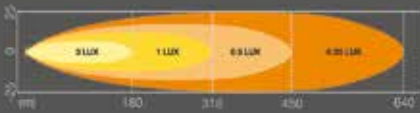


## Lightbar VX500-CB Part Number: VLC6207

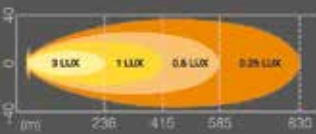
Combo Beam - up to +238m (1 LUX)



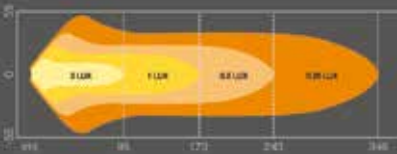
\*Single Mount - no pair installation necessary, due to two certified light sources.



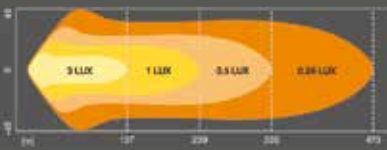
W	V	lm	(m) 1LUX	K	IP	ECE
27	12/24	1500	318	6000	IP67	R10/112



W	V	lm	(m) 1LUX	K	IP	ECE
63	12/24	2800	415	6000	IP67	R10/112



W	V	lm	(m) 1LUX	K	IP	ECE
30	12/24	2100	170	6000	IP67	R10/112



W	V	lm	(m) 1LUX	K	IP	ECE
55	12/24	4100	238	6000	IP67	R10/112

OSRAM LEDriving® Driving Lights are approved according to ECE regulations and may therefore be installed and operated on public roads. Please note: special installation regulations apply. In addition to ECE approval of the product, individual special requirements and legislation of the countries must be observed.





# Accessories for LEDDriving<sup>®</sup> driving & working lights

## Wire Harness AX 1LS Part Number: VLC6212

### 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
- 2-year OSRAM guarantee<sup>1)</sup>
- 12V/24V



## Wire Harness AX 2LS Part Number: VLC6213

### Features

- Wire harness for easy installation of two light source with one light function
- On/off switch included which can be mounted in the cockpit
- 2-year OSRAM guarantee<sup>1)</sup>
- 12V/24V



## License Plate Bracket AX Part Number: VLC6214

### Features

- License plate bracket which facilitates the mounting of Driving Lights on the front of a vehicle
- Double function: license plate holder + driving light holder
- Compatible with all lights within the Driving Lights range
- 2-year OSRAM guarantee<sup>1)</sup>



1) Refer to [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee) for precise conditions.

## Overview of the OSRAM LEDriving® driving and working lights

Product Name	Part Number	EAN 10 Number	On-road	Off-road	Guarantee (Years)
<b>Multifunctional</b>					
CUBE MX85-SP	VLC6188	4052899595255		•	5
CUBE MX85-WD	VLC6187	4052899595279		•	5
CUBE MX240-CB	VLC6203	4062172154017	•		5
ROUND MX180-CB	VLC6201	4062172153973	•		5
ROUND MX260-CB	VLC6202	4062172153997	•		5
LIGHTBAR MX250-CB	VLC6200	4062172153959	•		5
<b>Functional</b>					
LIGHTBAR FX250-CB	VLC6189	4052899595354	•		5
LIGHTBAR FX500-SP	VLC6190	4052899595378	•		5
LIGHTBAR FX500-CB	VLC6191	4052899595392	•		5
LIGHTBAR FX500-CB SM*	VLC6192	4052899614079	•		5
REVERSING FX120R-WD	VLC6198	4062172105712	•		5
REVERSING FX120S-WD	VLC6199	4062172105736	•		5
<b>Slim</b>					
LIGHTBAR SX180-SP	VLC6193	4052899595415	•		5
LIGHTBAR SX300-SP	VLC6194	4052899595439	•		5
LIGHTBAR SX300-CB	VLC6195	4062172142083	•		5
LIGHTBAR SX500-SP	VLC6196	4052899595453	•		5
LIGHTBAR SX500-CB	VLC6197	4062172142106	•		5
<b>Value</b>					
LIGHTBAR VX250-SP	VLC6204	4062172141888	•		2
LIGHTBAR VX500-SP	VLC6205	4062172141918	•		2
LIGHTBAR VX250-CB	VLC6206	4062172141932	•		2
LIGHTBAR VX500-CB	VLC6207	4062172141956	•		2
ROUND VX80-WD	VLC6208	4062172150712	•		2
ROUND VX70-SP	VLC6210	4062172150699		•	2
CUBE VX80-SP	VLC6209	4062172141970		•	2
CUBE VX70-WD	VLC6211	4062172142021		•	2
<b>Accessories</b>					
Wire Harness AX 1LS	VLC6212	4062172147682			2
Wire Harness AX 2LS	VLC6213	4062172147729			2
License Plate Bracket AX	VLC6214	4062172147705			2

\*Single Mount – no pair installation necessary, due to two certified light sources.

\*\* Range in metres @ 1 LUX

\*\*\* Length x Width x Height (mm)



**Ring is the distribution partner of OSRAM products in the UK:**

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**OSRAM**

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