

PHILIPS

LED driving lights



Ultinon Drive

Wherever your trail leads



Philips Ultinon Drive

Powerful LED light bars and round lights



Bright, durable gear for overland journeys

Bright, long beam for **superior visibility**



The **Ultinon Drive range** provides an outstanding beam that illuminates the road ahead. With high lumen output coming from its powerful LEDs and ECE-R149¹, it provides ample visibility for faster reactions. It also helps you see roadside hazards too. The lamps' highly homogeneous beam and cool light color of up to 6500 Kelvin keep you focused without straining your eyes.

Enhanced safety off-road with **boost function for more power²**



Some LED light bars from the **Philips Ultinon Drive range** are equipped with two light functions: for on-road drives, the light bar brings you outstanding homologated brightness for greater safety. Off-road, you can opt for increased intensity. Switch on your boost function to unleash its full power and increase the beam length. More performance for tougher conditions.

Sturdy one-piece body for tough environments



The **Philips Ultinon Drive ranges** are built to withstand tough conditions throughout your journey. It is shock-resistant (IK07-rated) to ensure faultless performance on and off the road, with an unbreakable polycarbonate lens. It can handle immersion in water and power washing (IP68/IP69K-rated) to ensure durable light on your off-road overland journey.

Up to **IK69K²** **waterproof** to master the elements



With its ingenious screwless design, the **Ultinon Drive range** can withstand the wettest conditions. IP68 and IP69K certification³ means it will perform, wherever your road leads and whatever the weather. And it will be more than a match for any power washer you use to clean your car afterwards.

Corrosion-free, **stainless-steel** mounting brackets



The mounting brackets are made of stainless steel, which is corrosion-free. They can withstand snow, ice and even salt. Built from durable, high-quality materials, your auxiliary lights will provide years of reliable service.

Powerful **road-legal LED light bars**



The **Philips Ultinon Drive ranges** meet ECE-R149 standards and are fully road-legal for high-beam and position-light functions. For added safety, Philips LED light bars are tested to EMC R10 specification to ensure they will function smoothly with your vehicle's electrical systems.

High quality comes from invisible details



Performant heatsink



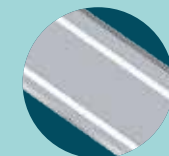
Water and dust ingress: IP69K / IP68



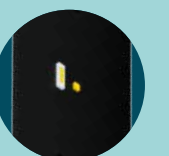
Unbreakable polycarbonate lens



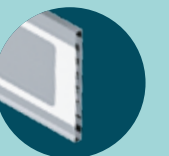
High quality PCB
intelligent temp control
anti-interference



Anti-break and anti-scratch lens

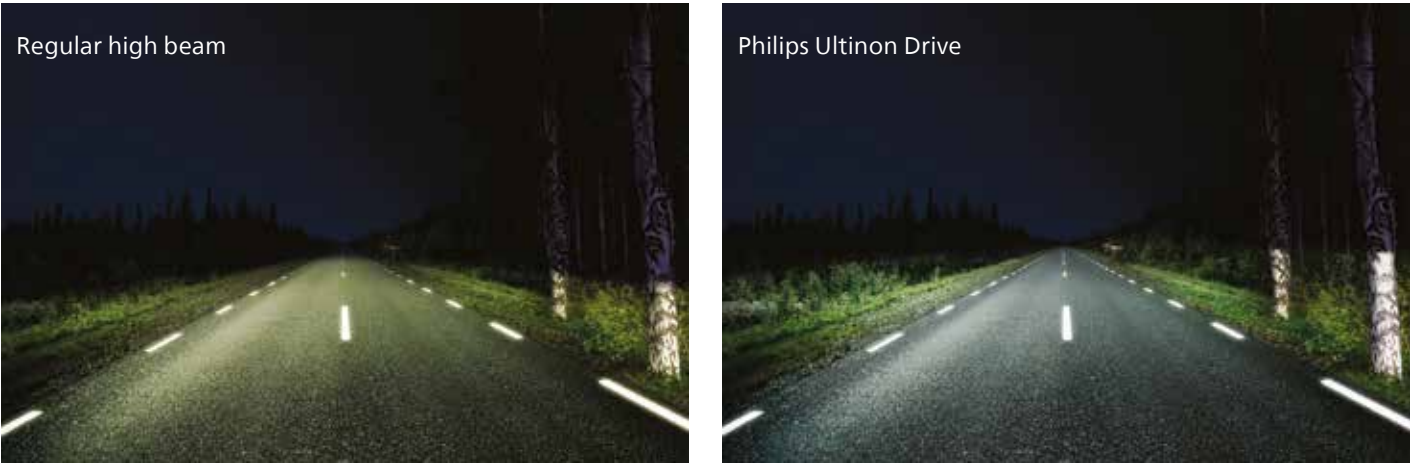


A grade LED chips



No screw design

Enhanced brightness for a safer drive



Philips LED driving lights at a glance

	Order Entry	GOC	EAN1	EAN3	MOQ	Size (inch)	Size (mm)
UD7000/UD5100 series	UD5001RX1	01850233	8719018018502	8719018018519	2	9	215
	UD5101LX1	01842750	8719018018427	8719018018434	8	4	150
	UD5102LX1	01844194	8719018018441	8719018018458	4	10	303
	UD5103LX1	01846594	8719018018465	8719018018472	4	20	558
	UD7050LX1	01848994	8719018018489	8719018018496	4	20	573
UD5000 series	UD5001LX1	01484994	8719018014849	8719018014856	4	10	254
	UD5002LX1	01486394	8719018014863	8719018014870	4	20	508
	UD5003LX1	01488794	8719018014887	8719018014894	4	20	508
	UD5004LX1	01490033	8719018014900	8719018014917	4	10	254
	UD5050LX1	01493194	8719018014931	8719018014924	4	30	762
UD2000 series	UD2001LX2	01832894	8719018018328	8719018018335	4	6	395
	UD2001RX1	01852633	8719018018526	8719018018533	2	7	180
	UD2002LX1	01834294	8719018018342	8719018018359	4	10	266
	UD2003LX1	01836694	8719018018366	8719018018373	4	20	508
Kits	UD1001WX1	01838032	8719018018380	8719018018397	12	-	-
	UD1002WX1	01840332	8719018018403	8719018018410	12	-	-
	UD1003WX1	01854032	8719018018540	8719018018557	12	-	-
	UD1004WX1	01856432	8719018018564	8719018018571	12	-	-
	UD1001MX1	01858834	8719018018588	8719018018595	24	-	-

Images and graphs for illustration purposes only. ¹ For effective lumen, wattage, ECE reference number, see table for details. ² Applies to UD7050L with off-road boost mode. ³ IP68 and IP69K are valid for Philips UD5101LX1, UD5102LX1, UD5103LX1, UD7050LX1 and UD5001RX1.



Philips Ultinon Drive 7000/5100 series

Powerful brightness for a safer drive

Philips Ultinon Drive UD7000/5100 LED driving lights have the power to keep you safer, wherever you're headed. Spot hazards up to 520 meters* away with lighting that performs in the most hostile environments and gives your vehicle a touch of style.

- Road-legal ECE-R149 and ECE-R148
 - Intense, far and wide illumination for superior visibility
 - Dual-color position light: brilliant-white or -amber LED
- IP68 and IP69K watertight to master the elements
 - Corrosion-free body, with stainless-steel mounting brackets
 - Easy to install with flexible mounting options
 - Heated de-icing lens* function

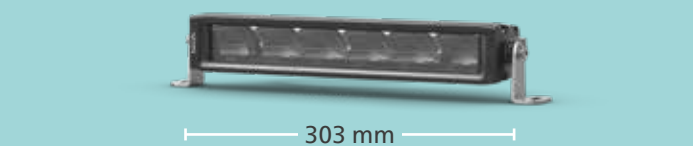
*For Philips Ultinon Drive UD7050L with off-road boost mode.



UD5101L
(1150 lm)



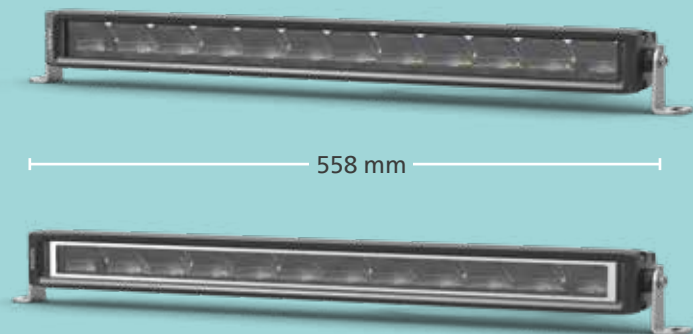
UD5102L
(2300 lm)



UD5001R
(8000 lm)



UD5103L
(4000 lm)



UD7050L
(5300* lm)

*Off-road boost function for higher brightness

UD5101L



UD5102L



UD5103L



UD5001R



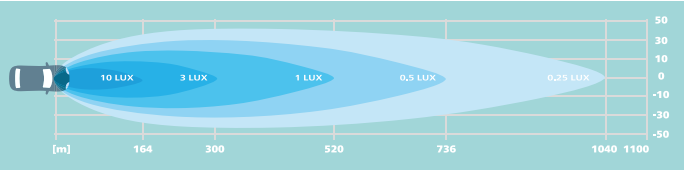
UD7050L



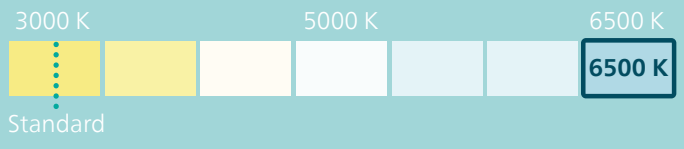
Ultinon Drive 7050L



ECE performance



Light color - Kelvin



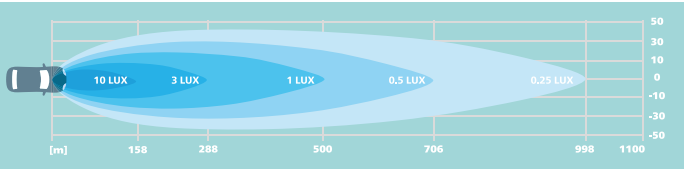
Ordering information

Order entry code	GOC	EAN1	EAN3	MOQ	Nbr*
UD7050LX1	01848994	8719018018489	8719018018496	4	1

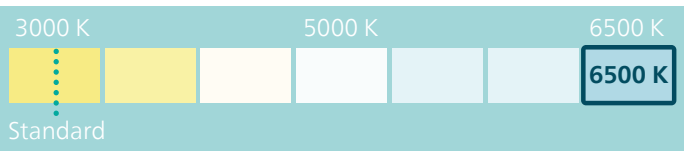
Ultinon Drive 5103L



ECE performance



Light color - Kelvin



Ordering information

Order entry code	GOC	EAN1	EAN3	MOQ	Nbr*
UD5103LX1	01846594	8719018018465	8719018018472	4	1

*Number of product(s) into the pack



ECE single mount



De-icing lens



Off-road boost function

Specifications

Model	UD7050L
Beam pattern	Combo beam
Light output (effective lumen)	4000
Light output (raw lumen)	19800
Light output in Boost mode (effective lumen)	5300
Beam length 1 lux in meter	480
Beam length 1 lux (boost) in meter	520
ECE R149	✓
ECE R148	n/a
ECE reference number	30+30
Position light	No
Color temperature	6500 K
De-icing function	✓
Ingress protection rating (IP)	IP68 / IP69K
Impact protection rating (IK)	IK07
Voltage	9-30 Volt DC
Operating temperature	-40° C to 80° C
Plug type	DT4
Accessory - Wire harness kit	UD1003WX1 UD1004WX1
Accessory - Back Mounting kit	UD1001MX1



ECE single mount

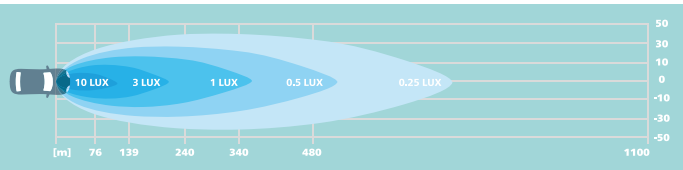
Specifications

Model	UD5103L
Beam pattern	Combo beam
Light output (effective lumen)	4000
Light output (raw lumen)	19800
Light output in Boost mode (effective lumen)	n/a
Beam length 1 lux in meter	500
Beam length 1 lux (boost) in meter	n/a
ECE R149	✓
ECE R148	✓
ECE reference number	30+30
Position light	Yes, white/amber
Color temperature	6500 K
De-icing function	No
Ingress protection rating (IP)	IP68 / IP69K
Impact protection rating (IK)	IK07
Voltage	9-30 Volt DC
Operating temperature	-40° C to 80° C
Plug type	DT4
Accessory - Wire harness kit	UD1003WX1 UD1004WX1
Accessory - Back Mounting kit	UD1001MX1

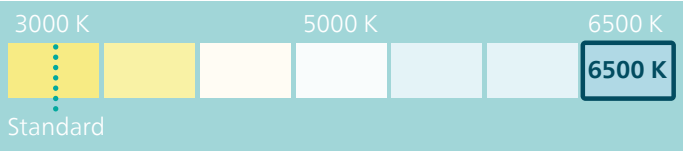
Ultinon Drive 5102L



ECE performance



Light color - Kelvin



Ordering information

Order entry code	GOC	EAN1	EAN3	MOQ	Nbr*
UD5102LX1	01844194	8719018018441	8719018018458	4	1

*Number of product(s) into the pack

Specifications

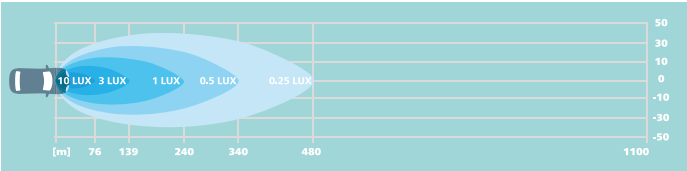
Model	UD5102L
Beam pattern	Combo beam
Light output (effective lumen)	2300
Light output (raw lumen)	9900
Light output in Boost mode (effective lumen)	n/a
Beam length 1 lux in meter	370
Beam length 1 lux (boost) in meter	n/a
ECE R149	✓
ECE R148	✓
ECE reference number	30
Position light	Yes, white/amber
Color temperature	6500 K
De-icing function	No
Ingress protection rating (IP)	IP68 / IP69K
Impact protection rating (IK)	IK07
Voltage	9-30 Volt DC
Operating temperature	-40° C to 80° C
Plug type	DT4
Accessory - Wire harness kit	UD1003WX1 UD1004WX1
Accessory - Back Mounting kit	UD1001MX1



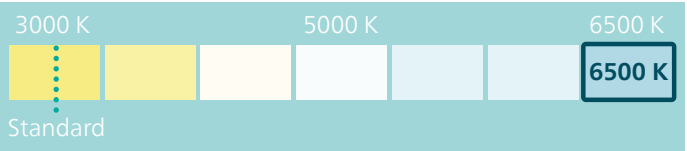
Ultinon Drive 5101L



ECE performance



Light color - Kelvin



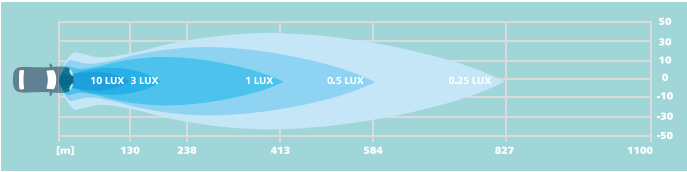
Ordering information

Order entry code	GOC	EAN1	EAN3	MOQ	Nbr*
UD5101LX1	01842750	8719018018427	8719018018434	8	1

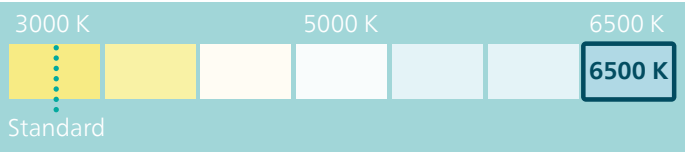
Ultinon Drive 5001R



ECE performance



Light color - Kelvin



Ordering information

Order entry code	GOC	EAN1	EAN3	MOQ	Nbr*
UD5001RX1	01850233	8719018018502	8719018018519	2	1

*Number of product(s) into the pack

Specifications

Model	UD5101L
Beam pattern	Combo beam
Light output (effective lumen)	1150
Light output (raw lumen)	4950
Light output in Boost mode (effective lumen)	n/a
Beam length 1 lux in meter	240
Beam length 1 lux (boost) in meter	n/a
ECE R149	✓
ECE R148	✓
ECE reference number	12.5
Position light	Yes, white/amber
Color temperature	6500 K
De-icing function	No
Ingress protection rating (IP)	IP68 / IP69K
Impact protection rating (IK)	IK07
Voltage	9-30 Volt DC
Operating temperature	-40° C to 80° C
Plug type	DT4
Accessory - Wire harness kit	UD1003WX1 UD1004WX1
Accessory - Back Mounting kit	UD1001MX1

Specifications

Model	UD5001R
Beam pattern	Combo beam
Light output (effective lumen)	8000
Light output (raw lumen)	17000
Light output in Boost mode (effective lumen)	n/a
Beam length 1 lux in meter	410
Beam length 1 lux (boost) in meter	n/a
ECE R149	✓
ECE R148	✓
ECE reference number	45
Position light	Yes, white/amber
Color temperature	6500 K
De-icing function	No
Ingress protection rating (IP)	IP68 / IP69K
Impact protection rating (IK)	IK07
Voltage	9-30 Volt DC
Operating temperature	-40° C to 80° C
Plug type	DT4
Accessory - Wire harness kit	UD1003WX1 UD1004WX1
Accessory - Back Mounting kit	n/a



Philips Ultinon Drive 5000L series

Bright, durable gear for overland journeys

Projecting light for approximately 400 meters (up to 458, depending on model), the **Philips Ultinon Drive 5000L series** of LED lightbars is road-legal for cars and trucks, rated ECE-R149 (with reference numbers ranging from 37.5 to 50). It ensures safety through brightness, is built to last, corrosion-free, and resistant to water and shocks.

The Philips UD5050L is equipped with the off-road boost function, unleashing its full power to 4000 lumen and providing additional visibility in difficult terrain.



Single row

5001L
ECE R149-37.5
(2500 lm)

303 mm

5002L
ECE R149-40
(2900 lm)

558 mm

5004L
ECE R149-50
(3200 lm)

811 mm

Double row

5050L
ECE R149-40
(3300 lm)

Features off-road boost function for enhanced off-road performance with higher brightness (4000 lm)

304 mm

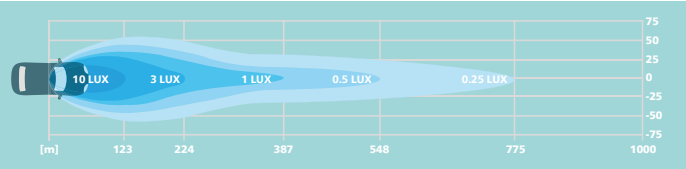
5003L
ECE R149-45
(3600 lm)

558 mm

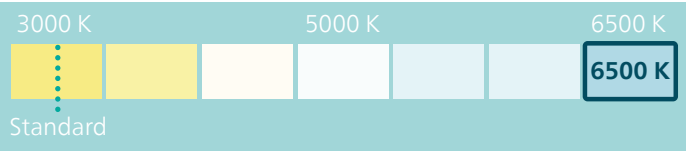
Ultinon Drive 5001L



ECE performance



Light color - Kelvin



Specifications

Model	UD5001L
Light output (effective lumen)	2500
Light output in Boost mode (effective lumen)	N/A
Beam length 1 lux in meter	387
Beam length 1 lux (boost) in meter	N/A
ECE R149	✓
ECE R10	✓
ECE reference number	37.5
Color temperature	6500 K
Heat sink	13-piece 1.5mm
Ingress protection rating (IP)	IP68 / IP69K
Impact protection rating (IK)	IK07
Voltage	9-30 Volt DC
Operating temperature	-40° C to 80° C

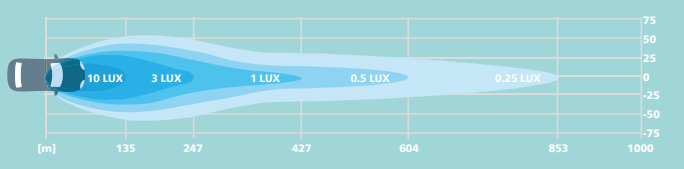
Ordering information

Order entry code	GOC	EAN1	EAN3	MOQ
UD5001LX1	01484994	8719018014849	8719018014856	4

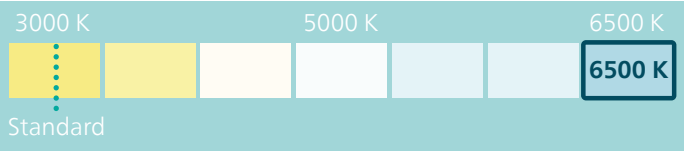
Ultinon Drive 5002L



ECE performance



Light color - Kelvin



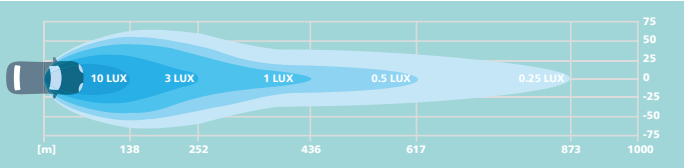
Ordering information

Order entry code	GOC	EAN1	EAN3	MOQ
UD5002LX1	01486394	8719018014863	8719018014870	4

Ultinon Drive 5003L



ECE performance



Light color - Kelvin



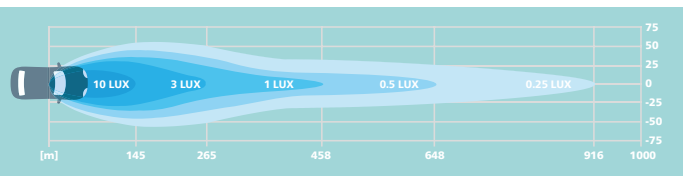
Ordering information

Order entry code	GOC	EAN1	EAN3	MOQ
UD5003LX1	01488794	8719018014887	8719018014894	4

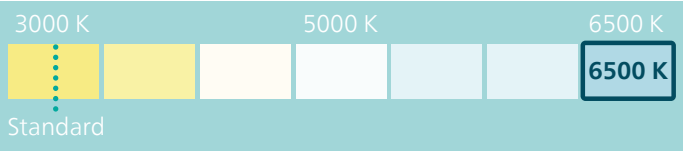
Ultinon Drive 5004L



ECE performance



Light color - Kelvin

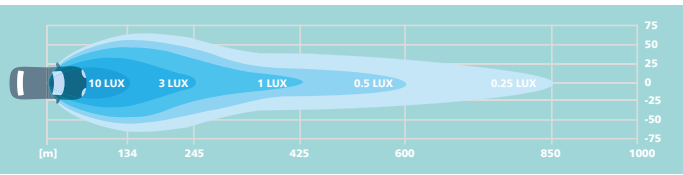


Ordering information

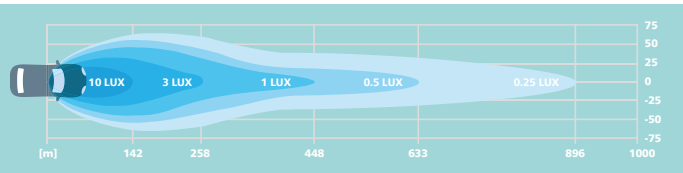
Order entry code	GOC	EAN1	EAN3	MOQ
UD5004LX1	01490033	8719018014900	8719018014917	4

Ultinon Drive 5050L

ECE performance



Off-road boost performance - Not for use on public roads



Light color - Kelvin



Ordering information

Order entry code	GOC	EAN1	EAN3	MOQ
UD5050LX1	01493194	8719018014931	8719018014924	4

Specifications

Model	UD5004L
Light output (effective lumen)	3200
Light output in Boost mode (effective lumen)	N/A
Beam length 1 lux in meter	458
Beam length 1 lux (boost) in meter	N/A
ECE R149	✓
ECE R10	✓
ECE reference number	50
Color temperature	6500 K
Heat sink	13-piece 1.5mm
Ingress protection rating (IP)	IP68 / IP69K
Impact protection rating (IK)	IK07
Voltage	9-30 Volt DC
Operating temperature	-40° C to 80° C

Specifications

Model	UD5050L
Light output (effective lumen)	3300
Light output in Boost mode (effective lumen)	4000
Beam length 1 lux in meter	425
Beam length 1 lux (boost) in meter	448
ECE R149	✓
ECE R10	✓
ECE reference number	40
Color temperature	6500 K
Heat sink	13-piece 1.5mm
Ingress protection rating (IP)	IP68 / IP69K
Impact protection rating (IK)	IK07
Voltage	9-30 Volt DC
Operating temperature	-40° C to 80° C
Offroad boost	✓

Philips Ultinon Drive UD2000 series

Extra brightness for everyday use

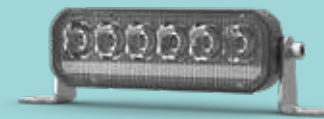
See far and wide with crisp, white light projected up to 400 meters*. The Ultinon Drive UD2000 LED driving lights are 100% road-legal with a tough, one-piece design integrating advanced cooling tech. It shrugs off water, dust, rust and impacts.

- Road-legal ECE-R149 and ECE-R148
- Extra brightness for enhanced safety on the road
- Position lights
- Corrosion-free LED lights, with stainless-steel mounting brackets
- Robust design for tough environments (IK07- and IP67-rated)

*For Philips Ultinon Drive UD2001R



UD2001L
(2000 lm)



163 mm

UD2001R
(4200 lm)



180 mm

UD2002L
(3200 lm)



266 mm

UD2003L
(5300 lm)



508 mm

UD2001L



UD2001R



UD2002L



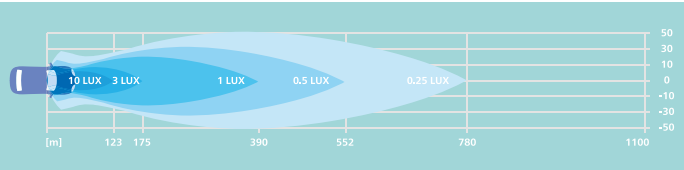
UD2003L



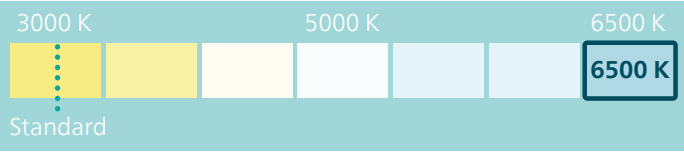
Ultinon Drive 2001R



ECE performance



Light color - Kelvin



Ordering information

Order entry code	GOC	EAN1	EAN3	MOQ	Nbr*
UD2001RX1	01852633	8719018018526	8719018018533	2	1

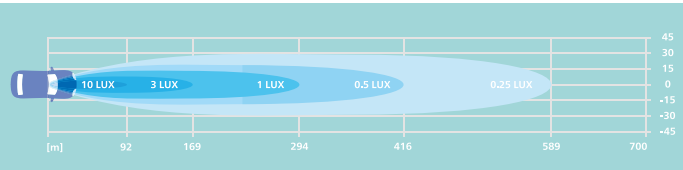
Specifications

Model	UD2001R
Beam pattern	Combo beam
Light output (effective lumen)	4200
Light output (raw lumen)	10000
Beam length 1 lux in meter	390
ECE R149	✓
ECE R148	n/a
ECE reference number	37.5
Color temperature	6500 K
Position light	No
Ingress protection rating (IP)	IP68/IP69K
Impact protection rating (IK)	IK07
Voltage	9-30 Volt DC
Operating temperature	-40° C to 80° C
Plug type	DT2
Accessory - wire harness kit	UD1005WX1 UD1006WX1

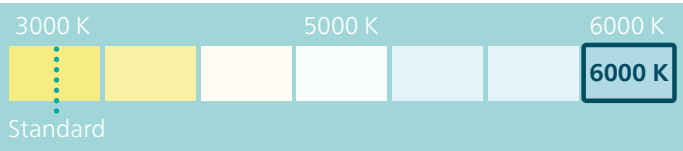
Ultinon Drive 2002L



ECE performance



Light color - Kelvin



Ordering information

Order entry code	GOC	EAN1	EAN3	MOQ	Nbr*
UD2002LX1	01834294	8719018018342	8719018018359	4	1

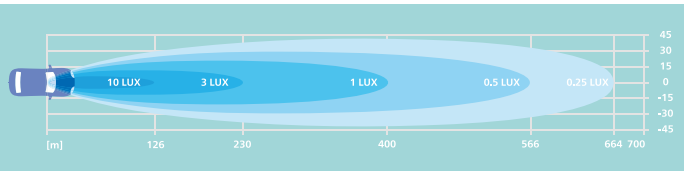
Specifications

Model	UD2002L
Beam pattern	Combo beam
Light output (effective lumen)	3200
Light output (raw lumen)	4960
Beam length 1 lux in meter	294
ECE R149	✓
ECE R148	✓
ECE reference number	12.5
Color temperature	6000 K
Position light	✓
Ingress protection rating (IP)	IP67
Impact protection rating (IK)	IK07
Voltage	9-30 Volt DC
Operating temperature	-40° C to 80° C
Plug type	DT3
Accessory - wire harness kit	UD1001WX1 UD1002WX1

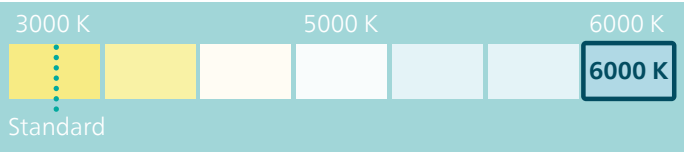
Ultinon Drive 2003L



ECE performance



Light color - Kelvin



Ordering information

Order entry code	GOC	EAN1	EAN3	MOQ	Nbr*
UD2003LX1	01848994	8719018018366	8719018018373	4	1

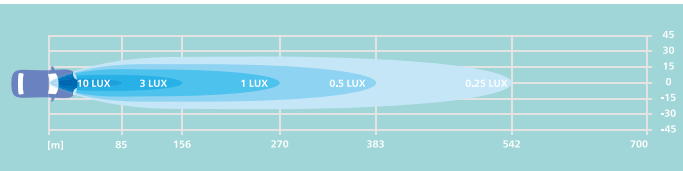
Specifications

Model	UD2003L
Beam pattern	Combo beam
Light output (effective lumen)	5300
Light output (raw lumen)	9920
Beam length 1 lux in meter	400
ECE R149	✓
ECE R148	✓
ECE reference number	27.5
Color temperature	6000 K
Position light	✓
Ingress protection rating (IP)	IP67
Impact protection rating (IK)	IK07
Voltage	9-30 Volt DC
Operating temperature	-40° C to 80° C
Plug type	DT3
Accessory - wire harness kit	UD1001WX1 UD1002WX1

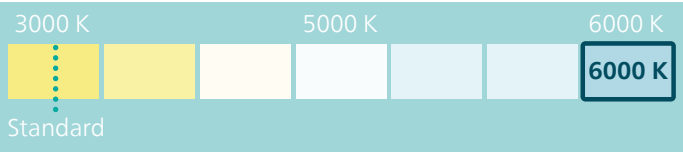
Ultinon Drive 2001L



ECE performance



Light color - Kelvin



Ordering information

Order entry code	GOC	EAN1	EAN3	MOQ	Nbr*
UD2001LX2	01832894	8719018018328	8719018018335	4	2

Specifications

Model	UD2001L
Beam pattern	Combo beam
Light output (effective lumen)	2000
Light output (raw lumen)	3720
Beam length 1 lux in meter	270
ECE R149	✓
ECE R148	✓
ECE reference number	10
Color temperature	6000 K
Position light	✓
Ingress protection rating (IP)	IP67
Impact protection rating (IK)	IK07
Voltage	9-30 Volt DC
Operating temperature	-40° C to 80° C
Plug type	DT3
Accessory - wire harness kit	UD1001WX1 UD1002WX1

*Number of product(s) into the pack

Philips Ultinon Drive Kits 1000 series

When installing Philips LED auxiliary light* on your vehicle, you may need an additional wire harness to securely connect and control the extra LED driving lights. The Philips LED wiring kit makes it easy to connect your Philips LED driving light to your vehicle's electrical system, giving you complete control over your new lamp.

The back mounting aluminum brackets kit offers a lightweight, high corrosion resistance and versatile solution for mounting any Philips LED driving light bars*.

*Please refer to the next page tables, to see which accessories are compatible with which Philips LED driving lights.



Durable and easy-to-install accessories



Ultinon Drive 1001M Back mounting brackets



Specifications

Model	UD1001WX1
Back mounting brackets kit	✓
Compatible with	UD5001L
	UD5002L
	UD5004L
	UD5101L
	UD5102L
	UD5103L
	UD7050L

Order entry code	GOC	EAN1	EAN3	MOQ
UD1001MX1	01858834	8719018018588	8719018018595	24

Ultinon Drive 1004W

Wiring harness kit for 2 LED lamps



Specifications

Model	UD1004WX1
Connector plug	2xDT4
Voltage	12V
Operating temperature	-40° C to 80° C
Number of additional functions enabled	2
Compatible with	UD5101L UD5102L UD5103L UD7050L UD5001R

Order entry code	GOC	EAN1	EAN3	MOQ
UD1004WX1	01856432	8719018018564	8719018018571	12

Ultinon Drive 1003W

Wiring harness kit for 1 LED lamp



Specifications

Model	UD1003WX1
Connector plug	1xDT4
Voltage	12V
Operating temperature	-40° C to 80° C
Number of additional functions enabled	2
Compatible with	UD5101L UD5102L UD5103L UD7050L UD5001R

Order entry code	GOC	EAN1	EAN3	MOQ
UD1003WX1	01854032	8719018018540	8719018018557	12

Ultinon Drive 1002W

Wiring harness kit for 2 LED lamps



Specifications

Model	UD1002WX1
Connector plug	2xDT3
Voltage	12V
Operating temperature	-40° C to 80° C
Number of additional functions enabled	1
Compatible with	UD2001L UD2002L UD2003L

Order entry code	GOC	EAN1	EAN3	MOQ
UD1002WX1	01840332	8719018018403	8719018018410	12

Ultinon Drive 1001W

Wiring harness kit for 1 LED lamp



Specifications

Model	UD1001WX1
Connector plug	1xDT3
Voltage	12V
Operating temperature	-40° C to 80° C
Number of additional functions enabled	1
Compatible with	UD2001L UD2002L UD2003L

Order entry code	GOC	EAN1	EAN3	MOQ
UD1001WX1	01838032	8719018018380	8719018018397	12

