

PHILIPS

LED lightbars



Ultinon Drive 5000L series



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Powerful brightness for a safer drive



Regular High Beam



Philips Ultinon Drive 5000L series

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.

Bright, durable gear for overland journeys

Bright, long beam for **superior visibility**



The **Ultinon Drive 5000L series** provides an outstanding beam that illuminates the road ahead for approx. 400 meters¹. With high lumen output coming from its powerful LEDs and ECE-R149², it provides ample visibility for faster reactions. A combined spot and flood light, it shines both far and wide, helping you see roadside hazards too. The lamps' highly homogenous beam and cool light color of 6500 Kelvin keep you focused without straining your eyes.

Enhanced safety off-road with **boost function for more power³**



The **Philips Ultinon Drive 5050L series** is equipped with two light functions: for on-road drives, the lightbar 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 to 444 meters. More performance for tougher conditions.

Sturdy one-piece body for tough environments



The **Philips Ultinon Drive 5000L series** is built in a single piece to withstand the toughest conditions. This allows for excellent heat management and consistently high light output throughout your journey. Rated IK07, it is shock-resistant to ensure faultless performance on and off the road. Its unbreakable polycarbonate lens can take any hit without damage or scratches and the convenient DT connector guarantees a perfect connection.

IP69K waterproof to master the elements



With its ingenious screwless design, the **Ultinon Drive 5000L series** can withstand the wettest conditions. IP68 and IP69K certification 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 5000L series** meets ECE-R149 standards and is road-legal. For added safety, Philips LED lightbars are tested to EMC R10 specification to ensure they will function smoothly with your vehicle's electrical systems.

Philips LED lightbars at a glance

Model	UD5001L	UD5002L	UD5003L	UD5004L	UD5050L
Light output (effective lumen)	2500	2900	3600	3200	3300
Light output in Boost mode (effective lumen)	N/A	N/A	N/A	N/A	4000
Beam length 1 lux in meter	387	427	436	458	425
Beam length 1 lux (boost) in meter	N/A	N/A	N/A	N/A	448
ECE R149	✓	✓	✓	✓	✓
ECE R10	✓	✓	✓	✓	✓
ECE reference number	37.5	40	45	50	40
Color temperature	6500 K	6500 K	6500 K	6500 K	6500 K
Heat sink	13-piece 1.5mm	13-piece 1.5mm	13-piece 1.5mm	13-piece 1.5mm	13-piece 1.5mm
Ingress protection rating (IP)	IP68 / IP69K	IP68 / IP69K	IP68 / IP69K	IP68 / IP69K	IP68 / IP69K
Impact protection rating (IK)	IK07	IK07	IK07	IK07	IK07
Voltage	9-30 Volt DC	9-30 Volt DC	9-30 Volt DC	9-30 Volt DC	9-30 Volt DC
Operating temperature	-40° C to 80° C	-40° C to 80° C	-40° C to 80° C	-40° C to 80° C	-40° C to 80° C
Offroad boost	-	-	-	-	✓

Images and graphs for illustration purposes only. ¹ Beam length measured on 1 lux. See table for details. ² For effective lumen, wattage, ECE reference number, see table for details. ³ Applies to UD5050L with off-road boost mode.

Powerful road-legal LED lightbars

Single row



5001L
ECE R149-37.5
(2500 lm)

5002L
ECE R149-40
(2900 lm)

5004L
ECE R149-50
(3600 lm)

25.4 cm 50.8 cm 76.2 cm

Double row



5050L
ECE R149-40
(3300 lm)

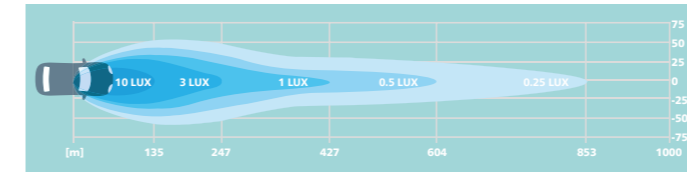
5003L
ECE R149-45
(3200m)

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

Ultinon Drive 5002



ECE performance



Light color - Kelvin



Specifications

Model	UD5002L
Light output (effective lumen)	2900
Light output in Boost mode (effective lumen)	N/A
Beam length 1 lux in meter	427
Beam length 1 lux (boost) in meter	N/A
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

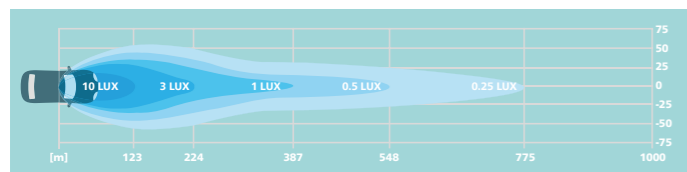
Ordering information

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

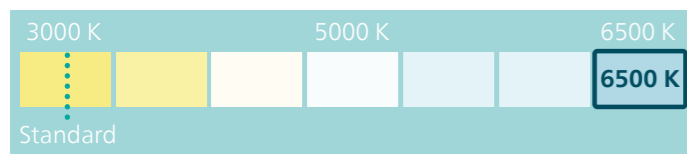
Ultinon Drive 5001



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

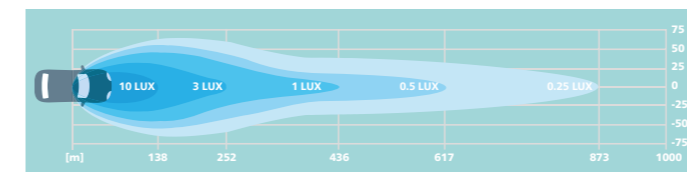
Ordering information

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

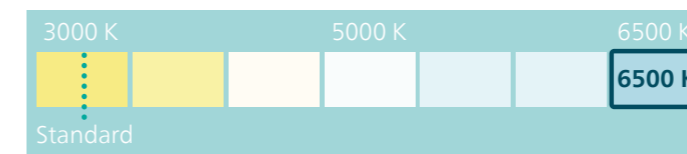
Ultinon Drive 5003



ECE performance



Light color - Kelvin



Specifications

Model	UD5003L
Light output (effective lumen)	3600
Light output in Boost mode (effective lumen)	N/A
Beam length 1 lux in meter	436
Beam length 1 lux (boost) in meter	N/A
ECE R149	✓
ECE R10	✓
ECE reference number	45
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

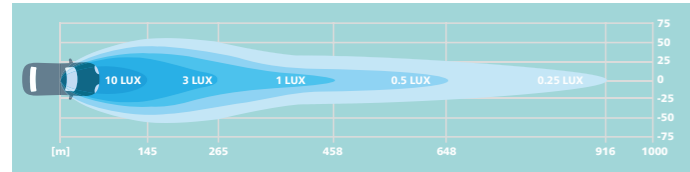
Ordering information

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

Ultinon Drive 5004



ECE performance



Light color - Kelvin



Ordering information

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

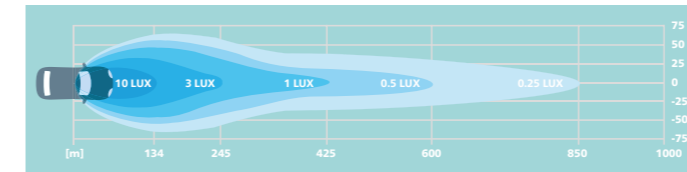
Specifications

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

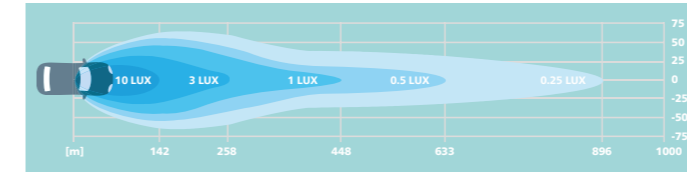
Ultinon Drive 5050L



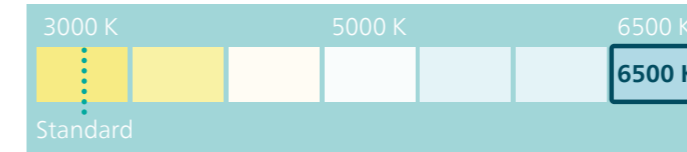
ECE performance



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	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	✓

High quality comes from invisible details



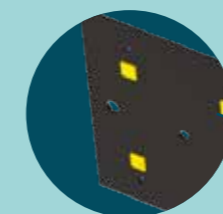
Performant heatsink



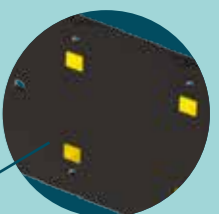
Water and dust ingress: IP69K / IP68



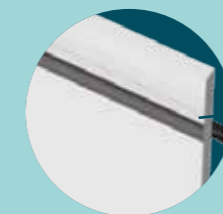
Unbreakable polycarbonate lens



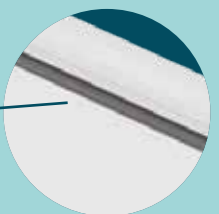
High quality PCBA intelligent temp control anti-interference



A grade LED chips



Anti-break and anti-scratch lexan



No screw design

