

Model	Item	Rev.	Date
KTM 990 /950 Adventure	LED Head light unit	0	20/11/23
DESCRIPTION AND TECHNICAL DATA			



DESCRIPTION

Our light unit has been designed with the aim of significantly improving the night vision of the 950/990 Adventure models and fits perfectly into the architecture of the motorbike as it completely replaces the original one.

Like all Landmark.Works products, it does not require any irreversible modification, its assembly is totally "plug&play" on both a mechanical and electrical level.

The structure is completely made of carbon fiber with special Kevlar felt reinforcements where necessary

Inside are two Hella LED lighting modules, one 60mm as the low beam and one 90mm as the high beam.

Both are EU approved and are equipped with front lenses that ensure the appropriate optimization of their light beam.

The adjustment of the light beams, a very important operation, can be carried out separately for the two modules; However, a basic adjustment is carried out during the testing phase.

On the front, the optical is protected by a removable transparent shock-proof, scratch-proof and UV-resistant polycarbonate panel, 3mm thick
Following our philosophy, also in this case the assembly is simplified to the maximum; just dismantle the entire original light unit and replace it with ours, after having transplanted the rubbers and fixing bushes.

The electrical connection of the unit takes place via a connector equal to the original one already wired; no fitting/welding operation is required.

We offer two options: with or without position light

TECHNICAL DATA

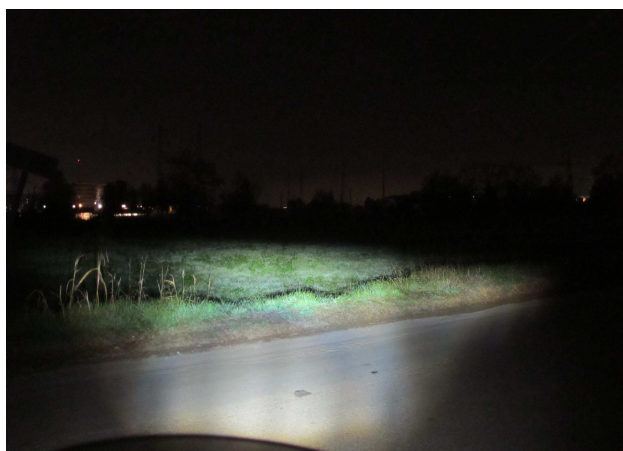
- Made from vacuum cured composite material, using epoxy resin, carbon fiber and Kevlar felt
- Differentiated stratification to optimize resistance to weight, reinforcements in the most stressed areas
- 60 and 90mm Hella LED lighting modules, EU approved
- Weight: 1100g
- “Plug & play” assembly; no adaptation operations necessary both mechanically and electrically.
- Electrical connection via original connector

This product is purchased, assembled and used under the responsibility of the user, Landmark.works is not responsible for any type of direct or indirect damage due to its use.

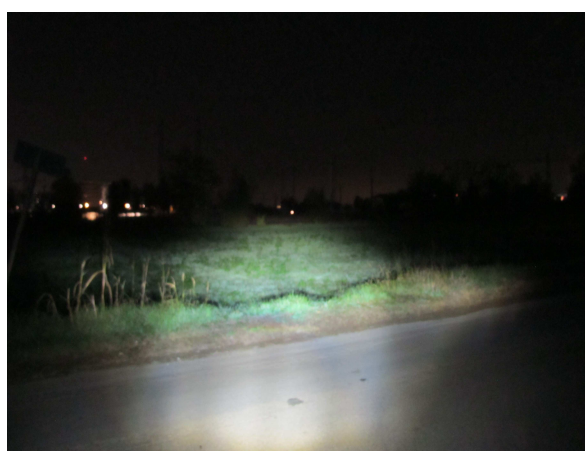
All information shown is subject to change without notice

APPENDIX

By way of example only, some images are shown that compare the brightness of the Landmark.works unit vs the original optical group. The images were taken under the same lighting conditions and with the same height adjustments



Low beam



Low beam+high beam



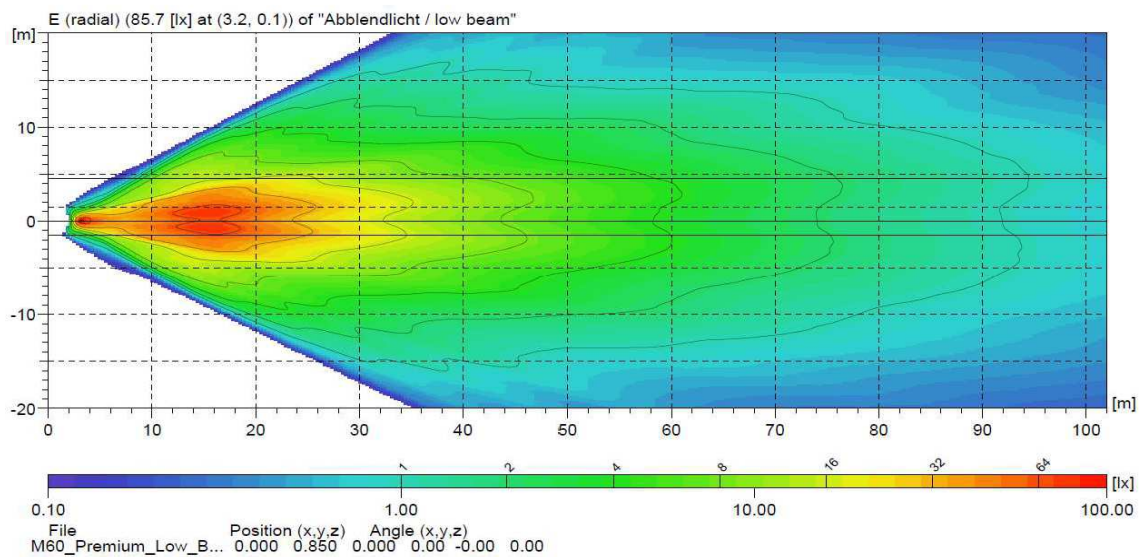
OEM Low beam



OEM Low beam+high beam

Isolux Diagram. Source: Hella

Low beam 60mm



High beam 90mm

