

TRIATHLON aero

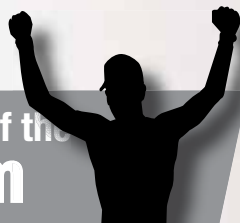
AEROLIGHT

The champion
of triathletes

CIR
CONVERTIBLE
INTERNAL ROUTING

TRIATHLETES

BH the bicycle of the
tri team



***Our professional athletes played
a critical role in the development
process of the Aerolight***

«My sports success would not be such if I did not have the best bike
for competing and for me the BH Aerolight is that machine that all
triathletes would like to have». Eneko Llanos

RIGIDITY

FDM
PRECISION FULL CARBON



***Optimised carbon design of
the front derailleur mount***

Challenge overcome: more rigidity, precision and response
in the performance of the full carbon front derailleur mount.

RESISTANCE

rear bridge
extremely



New design

The unique frame design combined with a propitiatory
carbon fiber frame layout enable BH to produce an
extremely Aerodynamic frame with tremendous
rear triangle stiffness and exceptional performance
characteristics tailored for Triathlon and TT racing.

PERFORMANCE DRIVE AERO DESIGN

AERO RACE

FRAME GEOMETRY



Stem with 4 positions and reversible

Top competition

The Aerolight is the ideal bicycle for top triathletes. It is a bike designed to slice the wind, reach top speeds, explode across the flats and make the differences in uphill climbs.

The overall design lines are all the results of numerous brainstorming sessions held by the technical and sports sections of BH in order to attain the most advanced, spectacular and top of the line triathlon bicycle possible.

HCIM (Hollow Core Internal Molding)

The Aerolight frame has been manufactured in accordance with the principles of the other top BH frames, such as the Ultralight and G6 models.

In building the Aerolight frame, a number of innovative technologies have been implemented into the overall development process in order to control and optimize the ideal carbon wall thicknesses for the different locations within the frame. Also the most appropriate carbon layups are developed and then applied to a minimal carbon layer molding technique in order to ensure extreme rigidity in a lightweight frame design.

This proprietary manufacturing process uses a combination of high and medium modulus materials in order to attain the high standards demanded by BH.

Oversized bottom bracket. Greater torsional stiffness

BH oversized the bottom bracket in order to incorporate the BB386EVO system, which ensures greater torsional stiffness and increased rider efficiency. This innovative design allows the width of the external bottom bracket to be increased to 86.5 mm, providing greater flexibility to produce a superior frame design.

The combination of the oversized bottom bracket design, allowing the incorporation of the BB386EVO system, together with the position of the chain stays makes the Aerolight frame appropriate for even the widest wheels in the sector.

Seat tube. In attack position

The aerodynamic seat tube design, allowing for a seat angle of between 74° and 78° allows the rider to adopt a more relaxed or more aggressive positioning.

Fully unified front fork

The headtube design is built around an 1 1/8" bearing both at the top and bottom race. It has been manufactured in a narrow, stylized shape in order to offer the frame a more aggressive, aerodynamic form.

The headtube surface seamlessly blends into the airfoil inspired fork blades which house the cutout for the rear mounted front brake Design.

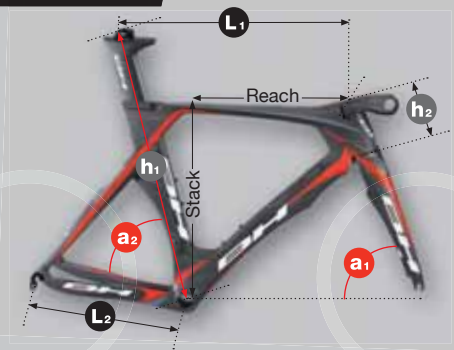
Geometry. Custom fit

The geometry of the new frame offers a wide range of adjustments that may be modified based on needs.

The new Aerolight maintains the size of the rear chainstays at 380 mm, notably increasing the cyclist's responsiveness and explosiveness while in motion .

Aerolight

TRIATHLON



Frame kit
Aerolight

	SM	MD	LA	XL	h1	h2	L1	L2	a1	a2	Stack	Reach
SM	510	525	540	560	185	100	531	380	72,5°	76°	494	409
MD		525	540	560	100	120	547	380	72,8°	76°	509	420
LA			540	560	120	140	562	380	72,8°	76°	528	431
XL				560	140		579	380	72,8°	76°	547	443

Dimensions in mm.



Aerolight Carbon



Aerolight
Dura Ace Di2
LT705

Shimano Dura Ace Di2
11 sp
Rotor Flow 386 53/39

Shimano Crono
Mavic CXR 60 Clincher
Mavic 700*23

SM / MD / LA / XL
kg 7,9 Kg



Aerolight
Dura Ace
LT605

Shimano Dura Ace 11 sp
Rotor Flow 386 53/39

Shimano Crono
Evo C55
Michelin Pro4

SM / MD / LA / XL
kg 7,7



Aerolight
Ultegra Di2
LT505

Shimano Ultegra Di2
11 sp
Rotor Flow 386 53/39

Shimano Crono
Evo C55
Michelin Lithion 2

SM / MD / LA / XL
kg 8



Aerolight
Ultegra
LT405

Shimano Ultegra 11 sp
Rotor Flow 386 53/39

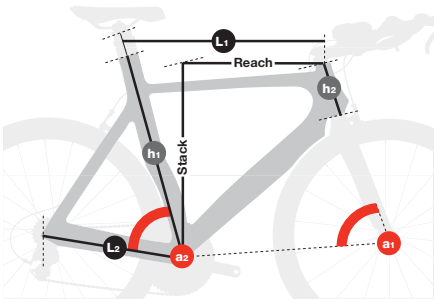
FSA Vision
FSA Vision T42
Michelin Lithion 2

SM / MD / LA / XL
kg 7



Aerolight

Frame kit Aerolight



- Frame Aerolight Carbon
- Fork Aerolight
- Stem Aerolight
- Headset Aerolight
- Front brake TRP TT01
- Rear brake TRP TT02
- Seat clamp Aerolight
- Seatpost Aerolight

Dimensions in mm.								
Size	h ₁	h ₂	L ₁	L ₂	a ₁	a ₂	Stack	Reach
SM	510	185	531	380	72,5°	76°	494	409
MD	525	100	547	380	72,8°	76°	509	420
LA	540	120	562	380	72,8°	76°	528	431
XL	560	140	579	380	72,8°	76°	547	443

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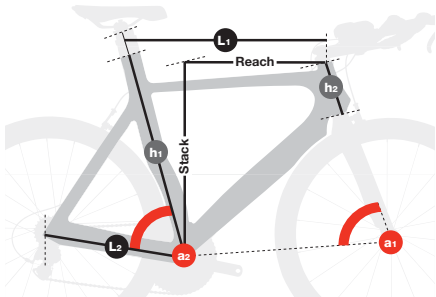


N43



Aerolight **Dura Ace** LT705

DI2



- Frame Aerolight Carbon
- Fork Aerolight
- Stem Aerolight
- Headset Aerolight
- Shift levers Shimano Dura Ace Di2 11
- Rear Derailleur Shimano Dura Ace Di2 11 sp
- Front Derailleur Shimano Dura Ace Di2 11
- Crank Set Rotor Flow 386 53/39
- B.B Set Rotor 386
- Cassette Shimano Dura Ace 11/25 11 sp
- Chain Shimano Dura Ace 11

- Brake levers Shimano Crono
- Front brake TRP TT01
- Rear brake TRP TT02
- Wheelset Mavic CXR 60 Clincher
- Tires Mavic 700*23
- Saddle Prologo Nago TT
- Seat Clamp Aerolight
- Seatpost Aerolight
- Handlebar FSA Vision Carbon
- Grips –
- Weight 7,9 Kg

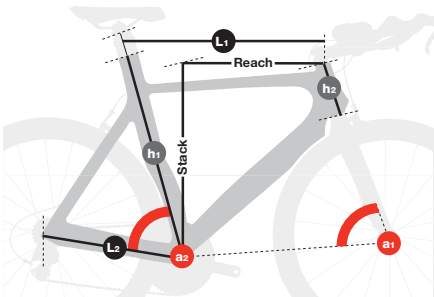
Dimensions in mm.								
Size	h1	h2	L1	L2	a1	a2	Stack	Reach
SM	510	185	531	380	72,5°	76°	494	409
MD	525	100	547	380	72,8°	76°	509	420
LA	540	120	562	380	72,8°	76°	528	431
XL	560	140	579	380	72,8°	76°	547	443



code
N43



Aerolight **Dura Ace** LT605



- | | | | |
|------------------|------------------------------|--------------|-------------------|
| Frame | Aerolight Carbon | Brake levers | Shimano Crono |
| Fork | Aerolight | Front brake | TRP TT01 |
| Stem | Aerolight | Rear brake | TRP TT02 |
| Headset | Aerolight | Wheelset | Evo C55 |
| Shift levers | Shimano Dura Ace 11 | Tires | Michelin Pro4 |
| Rear Derailleur | Shimano Dura Ace 11 sp | Saddle | Prologo Nago TT |
| Front Derailleur | Shimano Dura Ace 11 | Seat Clamp | Aerolight |
| Crank Set | Rotor Flow 386 53/39 | Seatpost | Aerolight |
| B.B Set | Rotor 386 | Handlebar | FSA Vision Carbon |
| Cassette | Shimano Dura Ace 11/25 11 sp | Grips | — |
| Chain | Shimano Dura Ace 11 | Weight | 7,7 Kg |

Dimensions in mm.								
Size	h ₁	h ₂	L ₁	L ₂	a ₁	a ₂	Stack	Reach
SM	510	185	531	380	72,5°	76°	494	409
MD	525	100	547	380	72,8°	76°	509	420
LA	540	120	562	380	72,8°	76°	528	431
XL	560	140	579	380	72,8°	76°	547	443



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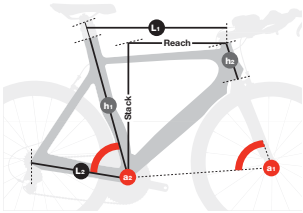


ENEKO LLANOS
BH Triathlon Team



Aerolight **Ultegra** LT505
D12

Frame	Aerolight Carbon
Fork	Aerolight
Stem	Aerolight
Headset	Aerolight
Shift levers	Shimano Ultegra Di2 11
Rear Derailleur	Shimano Ultegra Di2 11 sp
Front Derailleur	Shimano Ultegra Di2 11
Crank Set	Rotor Flow 386 53/39
B.B Set	Rotor 386
Cassette	Shimano Ultegra 11/25 11 sp
Chain	Shimano Ultegra 11
Brake levers	FSA Vision
Front brake	TRP TT01
Rear brake	TRP TT02
Wheelset	Evo C55
Tires	Michelin Lithion 2
Saddle	San Marco Era TT
Seat Clamp	Aerolight
Seatpost	Aerolight
Handlebar	FSA Vision
Grips	—
Weight	8 Kg



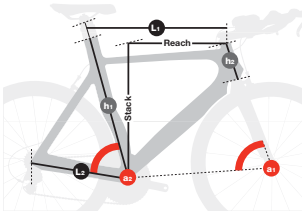
Dimensions in mm.								
Size	h ₁	h ₂	L ₁	L ₂	a ₁	a ₂	Stack	Reach
SM	510	185	531	380	72,5°	76°	494	409
MD	525	100	547	380	72,8°	76°	509	420
LA	540	120	562	380	72,8°	76°	528	431
XL	560	140	579	380	72,8°	76°	547	443

colors	code
	N43



Aerolight **Ultegra** LT405

Frame	Aerolight Carbon
Fork	Aerolight
Stem	Aerolight
Headset	Aerolight
Shift levers	Shimano Crono 11
Rear Derailleur	Shimano Ultegra 11 sp
Front Derailleur	Shimano Ultegra 11
Crank Set	Rotor Flow 386 53/39
B.B Set	Rotor 386
Cassette	Shimano Ultegra 11/25 11 sp
Chain	KMC X11L
Brake levers	FSA Vision
Front brake	TRP TT01
Rear brake	TRP TT02
Wheelset	FSA Vision T42
Tires	Michelin Lithion 2
Saddle	San Marco Era TT
Seat Clamp	Aerolight
Seatpost	Aerolight
Handlebar	FSA Vision
Grips	—
Weight	7 Kg



Dimensions in mm.								
Size	h ₁	h ₂	L ₁	L ₂	a ₁	a ₂	Stack	Reach
SM	510	185	531	380	72,5°	76°	494	409
MD	525	100	547	380	72,8°	76°	509	420
LA	540	120	562	380	72,8°	76°	528	431
XL	560	140	579	380	72,8°	76°	547	443

colors	code
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