

No.	Item	Part of GOairLight	Provider	Quantity	Unit	Item cost (€)
1	AXA HR Traction Power Control Dynamo	Fitted to front wheel of bicycle	Bike-Discount	1	un	28.50
2	LADDA Rechargeable battery, HR6 AA 1.2 - 1.5V	Inside main casing	IKEA	4	un	6.24
3	1A Step-up (Boost) Converter	Between dynamo and battery connection	Hobby Components	1	un	2.26
4	SSC Seoul P4 (U-bin) LED emitter	Front of main casing	FASTTECH	3	un	2.26
5	4 x 1.5V battery box (RS PRO AA PCB Battery Holder)	Inside main casing	RS Components	1	un	0.66
6	1N4007 diodes (bridge rectifier)	Inside main casing	RS Components	4	un	0.24
7	Electrical wire	Inside main casing and connection from dynamo to battery	RS Components	1	meter	0.33
8	Printing (PP)	Front shield, main device, mounting piece	ISEP formfutura	1	un (250 g)	14.24 (same roll for different part)
9	Frosted Acrylic 3mm	Light cover	Cutmyplastic	1	100 X 50 mm	0.62
10	Arduino Nano BLE Sense	Inside the main casing	Arduino store	1	un	32.40
11	Inner hexagon FLAT DIN 6912	Mounting piece	Ebay	3	5 un	2.36
12	5 Ohm resistor	Inside the main casing	Banggood	10	un	2.75
13	Adafruit CCS811 Air Quality Sensor	Inside the main casing	Adafruit	1	un	19.95
TOTAL cost for prototype (€) =						112.81