ILLUCO

Beyond the vision

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Main Service

- Loupes
- Skin Magnifier
- Headlights
- Wood's Lamp
- Dermatoscope
- Optical Components

www.illuco.co.kr

ILLUCO	
Loupes	Angled / Galilean / Prismatic / Flip-up
Headlights	Wired / Wireless
Accessories	

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Beyond the vision

Pioneering the Future of Optical-Based Medical Devices

Our journey began with a vision to harness the power of light and optics to create groundbreaking medical technologies. This vision was not just a dream but a tangible goal, made possible by our possession of original technology for optical components.

Our expertise in this field has enabled us to develop advanced medical devices that are not only precise and reliable but also transformative in their impact on patient care. Experts with over 20 years of experience and expertise in the field of optical/lens design, coating, polishing and analysis gathered together and founded ILLUCO.

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medical devices and technology

CE   FDA   FEATURED FINALIST 2024   KOREA WORLD CLASS

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Beyond the vision

Loupes

Angled(ergonomic) Loupes

Model	Style	Magnification	FOV (Cm, @45 Cm)	DOF (Cm)	Working Distance (Cm)	Resolution (lp/mm)	Weight w/o frame (g)
IAL-1030A	TTL, Angled	3.0×	9	6	45~65	13	44
IAL-1040A	TTL, Angled	4.0×	7.5	4	45~65	15	58

Galilean Loupes

Model	Style	Magnification	FOV (Cm, @45 Cm)	DOF (Cm)	Working Distance (Cm)	Resolution (lp/mm)	Weight w/o frame (g)
ITL-1025G	TTL, Galilean	2.5×	15	20	35~55	12	15
ITL-1030G	TTL, Galilean	3.0×	12	15	35~55	13	44
ITL-1035G	TTL, Galilean	3.5×	9.5	15	35~55	16	45

IDEA Award Featured Finalist

ILLUCO

Prismatic Loupes

Model	Style	Magnification	FOV (Cm, @45 Cm)	DOF (Cm)	Working Distance (Cm)	Resolution (lp/mm)	Weight w/o frame (g)
ITL-1040P	TTL, Prismatic	4.0×	8.5	7	35~65	12	43
ITL-1045P	TTL, Prismatic	4.5×	7.5	6	35~65	13	48
ITL-1055P	TTL, Prismatic	5.5×	6	3.5	35~65	14	56
ITL-1065P	TTL, Prismatic	6.5×	5	3.5	35~65	16	60

Flip-Up Loupes

Model	Style	Magnification	FOV (Cm, @45 Cm)	DOF (Cm)	Working Distance (Cm)	Resolution (lp/mm)	Weight w/o frame (g)	Adjustable PD (mm)
IFL-1030G	Flip-up	3.0×	11	15	37, 42, 47	13	48	54~76

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Headlights

Wired Headlight
IHL-1000

Item	Specification
Weight of light source (g)	29
Weight of battery pack (g)	195
Total weight (g)	245
Light intensity (lux)	45,000
Color temperature (K)	6,000
Focus beam size (mm)	105
Led life (hour)	50,000
Battery type	3.6V, 6700mAh, Lipion
Battery life (hour)	7~24
Charging time (hour)	3.5
Battery life time (cycles)	500
UV filter	Included
UV light blocking rate (%)	99.5
LOW BATT indicator	LED light alert
Brightness Level	6 levels
How to attach to loupes	Magnet
How to control	1 button (Push & Turn)
Charging type	USB-C

<ILLUCO>   <Competitor>
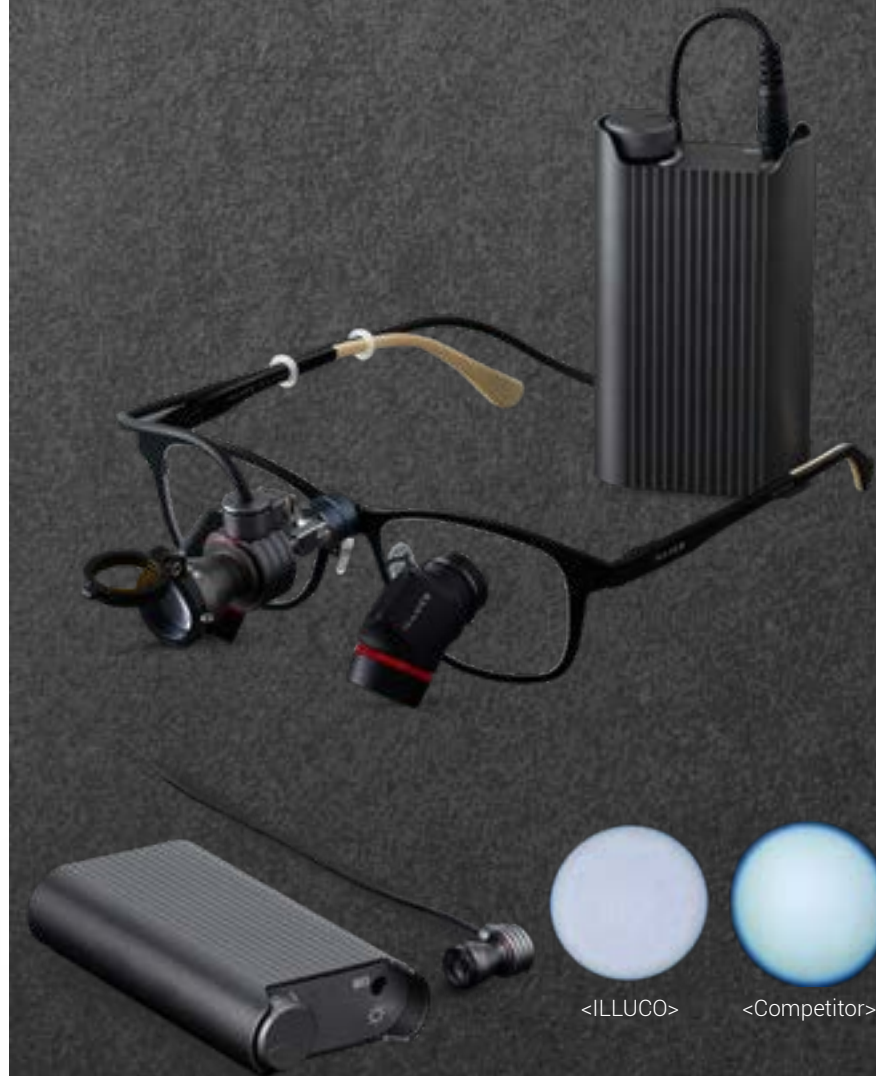
Wireless Headlight
IHL-2000

Item	Specification
Weight of light source (g)	21
Weight of battery pack (g)	24
Total weight (g)	45
Light intensity (lux)	35,000
Color temperature (K)	5,000 or 6,000
Focus beam size (mm)	95
Led life (hour)	50,000
Battery type	3.7V, 700mAh, Li-Polymer
Battery life (hour)	2
Charging time (hour)	2
Battery life time (cycles)	500
UV filter	Included
UV light blocking rate (%)	99.5
LOW BATT indicator	Orange LED, beep sound
Brightness Level	3 levels
How to attach to battery	Manget
How to attach to loupes	Magnet
Touch sensor	O
Charging pad	O
Charging type	USB-C
Maximum heat-generating temperature	35°C

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5000K   6000K

Dark Gray   Light Gray   Gold   Pink

Accessories

Additional Battery for Wired Headlight

Additional Battery for Wireless Headlight

Headband

Frame for Headlights

Universal Adapter

Clamp Adapter

Belt Clip for Wired Headlight

Extension Cable

Headstrap for Metal Frame

Headstrap for Goggle

Side Shield for Metal Frame

Side Shield for Goggle

Cleaning Kit

Screwdriver

Nose Pad

U Shaped Nose Pad

UV Filter