



ILLUCO 

Beyond the vision

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Loupes | Ergo X / Galilean / Prismatic / Flip-up / Angled flip-up

Headlights | Wired / Wireless

Accessories

ILLUCO

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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Loupes



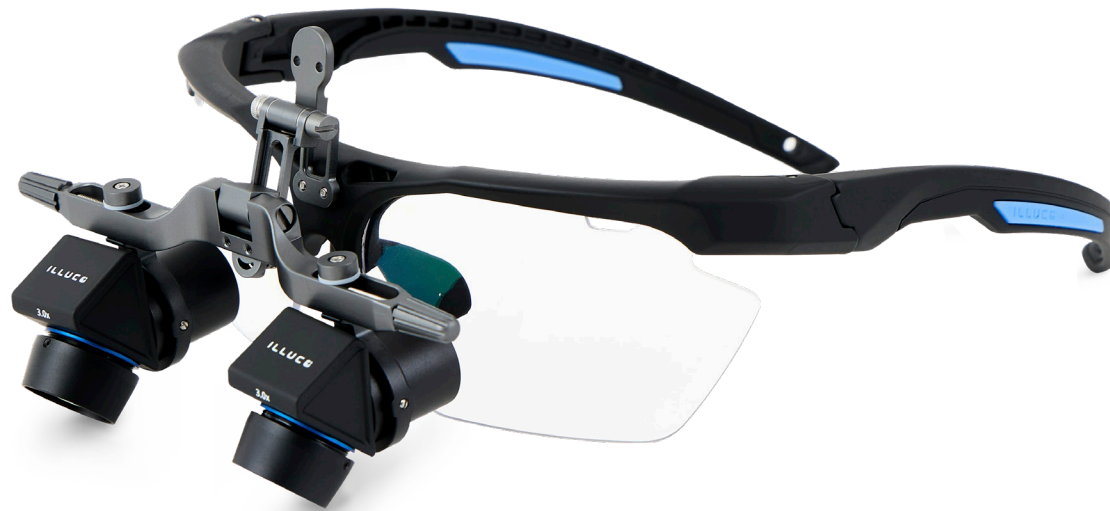
Ergo X Angled Loupes

Model	Style	Magnification	FOV (Cm, @45 Cm)	DOF (Cm)	Working Distance (Cm)	Resolution (lp/mm)	Weight w/o frame (g)
IAL-1030	TTL Angled	3.0×	10.5	11	45~65	28	41
IAL-1040	TTL Angled	4.0×	9	10	45~65	34	42
IAL-1055	TTL Angled	5.5×	7.5	7	45~65	40	61



Ergo X 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)
IAL-1030F	Angled flip-up	3.0×	10.5	11		28	62.7	
IAL-1040F	Angled flip-up	4.0×	9	10	45, 50, 55, 60	34	63.7	52 ~ 76
IAL-1055F	Angled flip-up	5.5×	7.5	7		40	82.7	



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



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



reddot winner 2022
medical devices and technology

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



Headband mounted type



Frame mounted type

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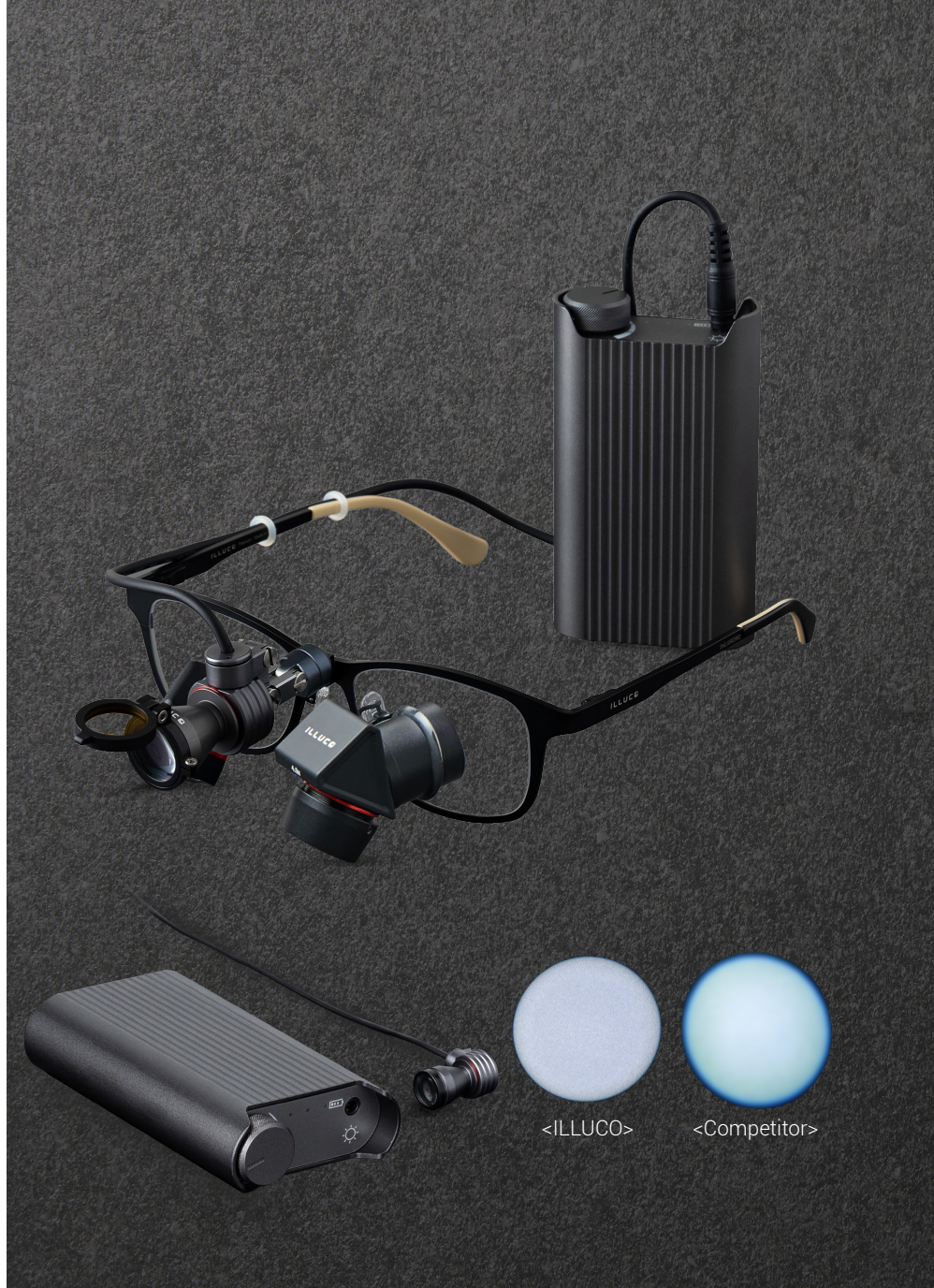
Headlights



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

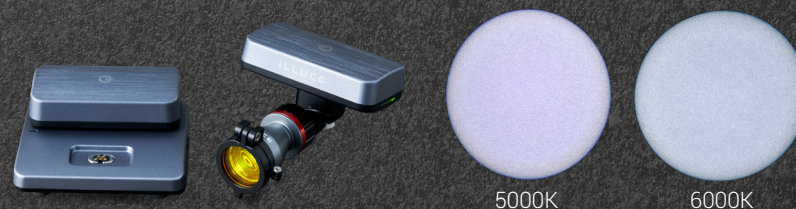




Wireless Headlight

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	Magnet
How to attach to loupes	Magnet
Touch sensor	0
Charging pad	0
Charging type	USB-C
Maximum heat-generating temperature	35°C



Dark Gray

Light Gray

Gold

Pink

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Accessories & Frame



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

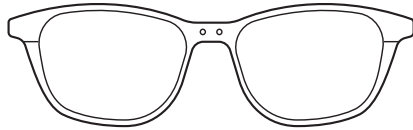


Lens Cap

LOUPES FRAME

CLASSIC

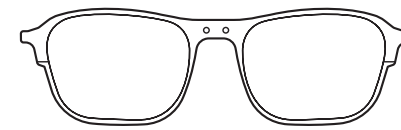
Titanium W: 150.6mm H: 44.2mm



TTL Galilean	2.5x	3.0x	3.5x	
TTL Prismatic	4.0x	4.5x	5.5x	6.5x
Angled	3.0x	4.0x	5.5x	
Flip-up	G 3.0x			

ATLAS

Aluminium W: 140.3mm H: 38.6mm



TTL Galilean	2.5x	3.0x	3.5x	
TTL Prismatic	4.0x	4.5x	5.5x	6.5x
Angled	3.0x	4.0x	5.5x	
Flip-up	G 3.0x			

SLEEK

Titanium W: 146.8mm H: 44.6mm



TTL Galilean	2.5x	3.0x	3.5x	
TTL Prismatic	4.0x	4.5x	5.5x	6.5x
Angled	3.0x	4.0x	5.5x	
Flip-up	G 3.0x			

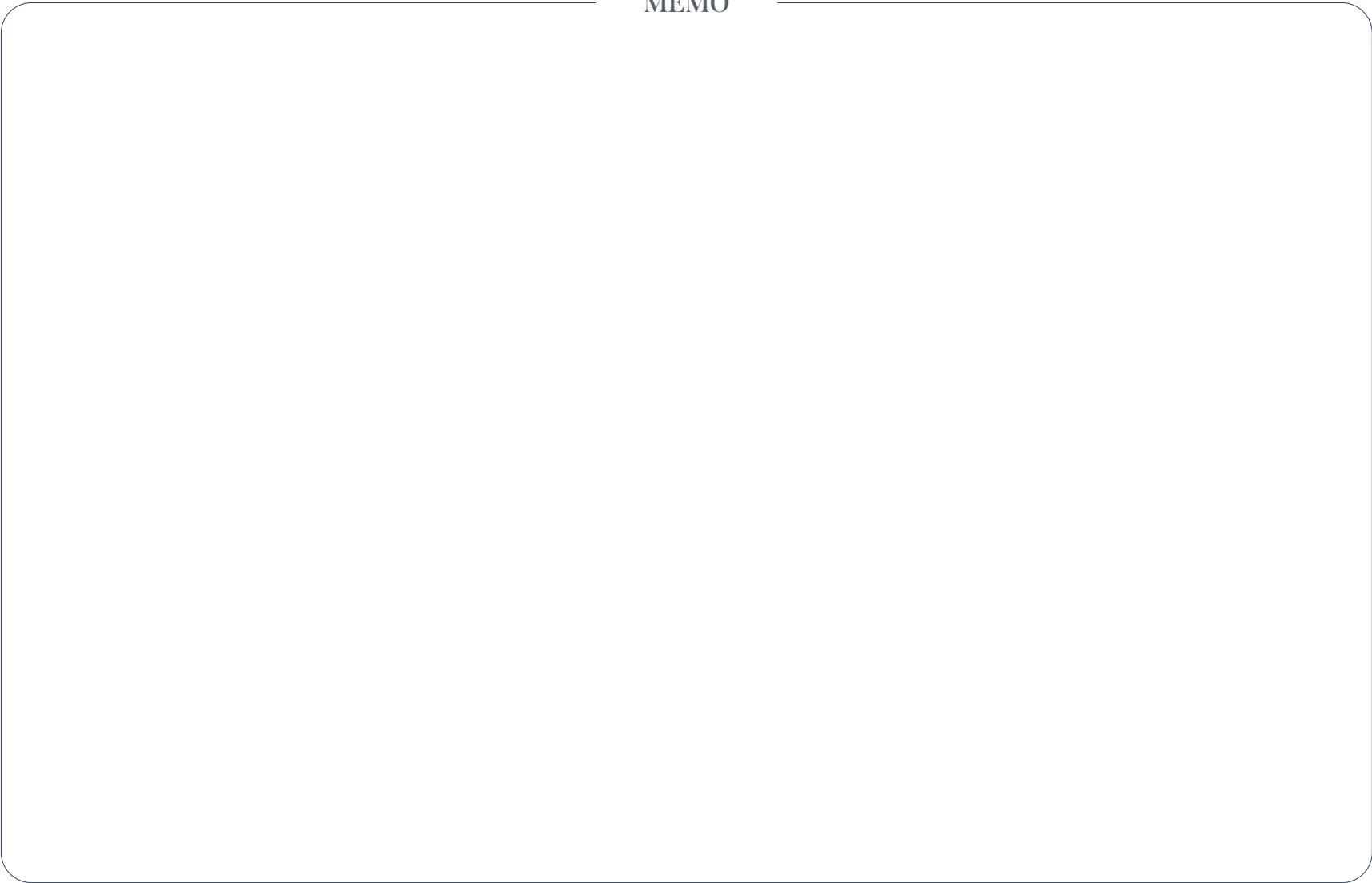
SPORT

TR90 W: 143.5mm H: 48.8mm



TTL Galilean	2.5x	3.0x	3.5x
Angled	F 3.0x	F 4.0x	F 5.5x
Flip-up	G 3.0x		

MEMO



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Main Service

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



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