

ILLUCO
Beyond the vision



ILLUCO
Beyond the vision

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Main Service

- Medical Loupes
- Medical Headlight
- Dermatoscope
- Skin Magnifier
- Optical Design
- Optical Components



ILLUCO

- Loupes | TTL / Flip-up
- Light System | Cordless / Corded



www.illuco.co.kr



Beyond the vision

We will always develop products that customer concerns it is value and provide "one-stop service systems" ranging from design, manufacturing, assembly and quality control to testing. We will do our best to create the best value for our customers.

In the field of optics, we still pay our special attention from the design to the quality test and mass production in order to satisfy the needs of our customer.

Working with "craftsmanship in mind" is our first priority and that is and will be our key to survive and make a name in the market.



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ILLUCO Loupes

TTL Loupes (ITL Series)

Flip-up Loupes (IFL Series)

ILLUCO Loupes

creates an ergonomic posture and a comfortable view.

ILLUCO has a lot of design and production experience with optics.

Optical systems of Loupes are designed, manufactured and assembled exclusively by ILLUCO in Korea.

It uses an ultra-low dispersion lens (ED) to minimize chromatic aberration to show vivid color

reproducibility and high sharpness images, Broadband Anti-Reflection (BBAR) is applied to maintain a

clear image in any environment.



TTL Loupes

ITL Series



- Ergonomic design for reduced fatigue
 - Custom-made for individual needs
 - From low to high, various magnifications
 - Remarkable Lightweight and High resolution
 - Laser aligned optics for precise convergence angle
- ◀ Laser aligned



ITL 2.5x



ITL 3.5x



ITL 5.0x



ITL 7.5x

SPECIFICATIONS

Model	TYPE	Magnification	Galilean or Prismatic	FOV(Cm) @xx Cm	Working Distance (Cm)	Resolution (lp/mm)	Weight(g) without spectacle
2.5x	TTL	2.5	GL	15.0	35~55	8	15.00
3x	TTL	3	GL	12.0	35~55	9	22.00
3.5x	TTL	3.5	GL	12.0	35~55	9	46.00
3.8x	TTL	3.8	PM	9.0	35~55	10	46.00
5x	TTL	5	PM	8.0	35~55	10	52.00
6x	TTL	6	PM	7.0	35~55	15	52.00
7.5x	TTL	7.5	PM	6.2	35~55	15	54.00

Flip-up Loupes

IFL Series

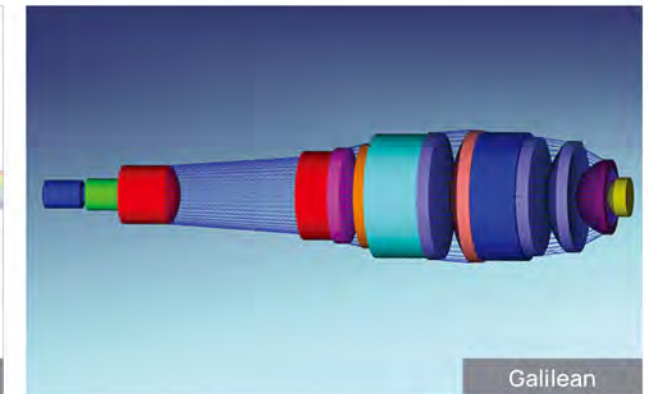
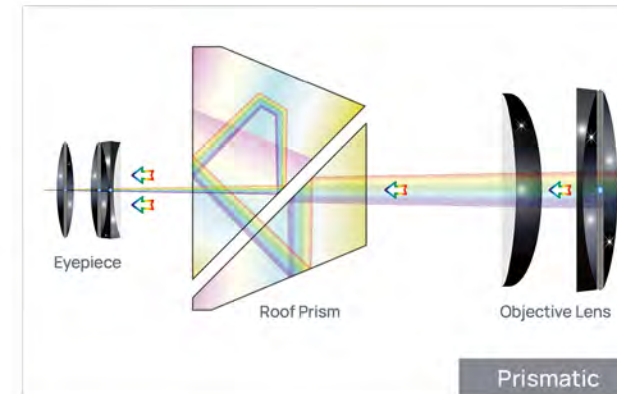
- Ergonomic design for reduced fatigue
- From low to high, various magnifications
- Remarkable Lightweight and High resolution
- Removable prescription lens



IFL 2.5x



IFL 3.5x



SPECIFICATIONS

Model	TYPE	Magnification	Galilean or Prismatic	FOV(Cm) @xx Cm	Working Distance (Cm)	Resolution (lp/mm)	Weight(g) without spectacle
2.5x	Flip-up	2.5	GL	9.0	35~55	10	48.00
3.5x	Flip-up	3.5	GL	12.0	35~55	9	65.00
3.8x	Flip-up	3.8	PM	9.0	35~55	10	64.00
5x	Flip-up	5	PM	8.0	35~55	10	71.00
6x	Flip-up	6	PM	7.0	35~55	15	73.00
7.5x	Flip-up	7.5	PM	6.2	35~55	15	73.00

ILLUCO Headlight

Headlight IHL-1000

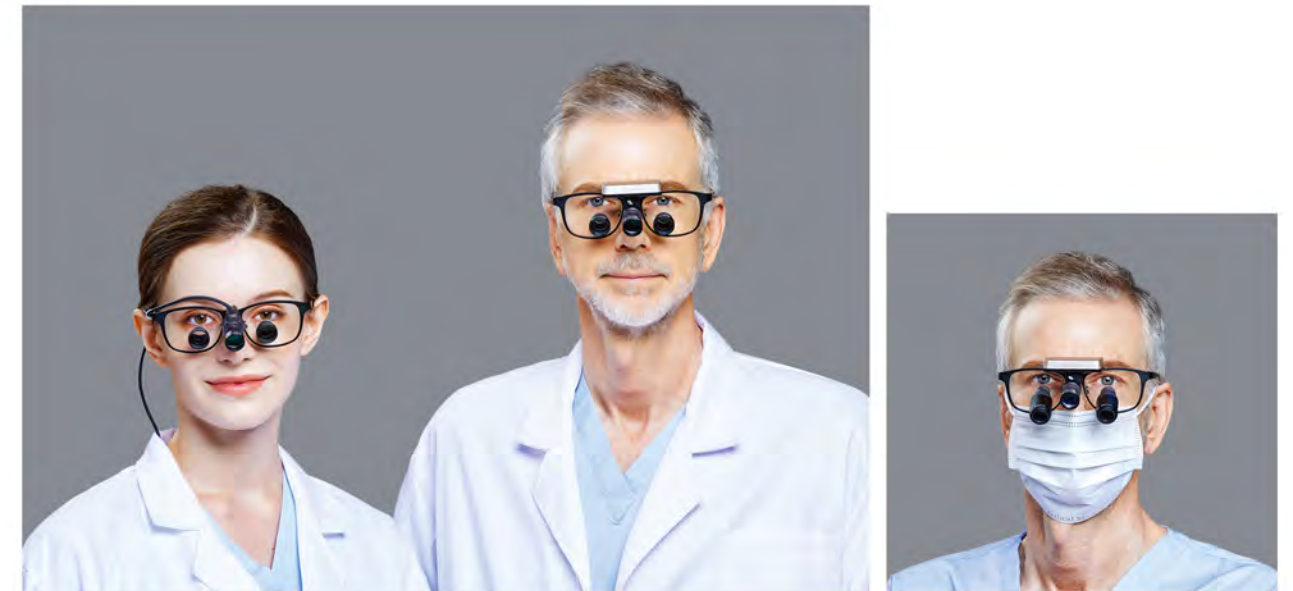
Cordless headlight IHL-2000

ILLUCO Headlight

creates better consistent ray uniformity over working distance range.

ILLUCO has a lot of design and production experience with optics.

Optical systems of Headlight are designed, manufactured and assembled exclusively by ILLUCO in Korea



Headlight

IHL-1000

- Uniform and Vivid Round Spot and Illumination over run time
- Compatible Adapters to fit most manufactures' loupes
- Max 45,000 lux
- 6 ~ 8 Hours Run Time
- 20g of Lightweight without battery
- Fast USB C charging



Uniform and Vivid Round Spot and Illumination over run time

SPECIFICATIONS	
Weight	214g
Light intensity	45000 lux
Color temperature	6000K
Focus beam size (@ 305mm)	105mm
Led life	50,000 hr
Battery Type	3.7V, 4800mAh
Battery Life	6 ~ 8 hr
Charging time	3.5 hr
Battery life time	500 Recharge cycles
Curing filter	included
LOW BATT indicator	LED
Indication of the battery recharge condition	6 steps



Cordless headlight

IHL-2000



- Cable Free
- Quick battery change
- Uniform, Vivid Round Spot over run time
- Max 35,000 lux
- 7.5+ Hours Run Time (2.5+ hrs per battery)
- 37g of Lightweight with battery
- Touch sensor - on/off, 3 step bright control
- Fast USB C charging
- Compatible Adapters to fit most manufactures' loupes

SPECIFICATIONS	
Weight	37g
Light intensity	35,000 lux
Color temperature	6000K
Focus beam size (@ 305mm)	105mm
Led life	50,000 hr
Battery Life	160 min
Charging time	120 min
Battery life time	500 Recharge cycles
Curing filter	included
LOW BATT indicator	LED/beep sound
How to attach to battery	magnet
touch sensor	O
Indication of the battery recharge condition	O
Charging cradle	O
Maximum heat-generating temperature	35 degree