

## L-62 COLD LIGHT SOURCE

100 / 120 / 220 / 240 V

Lamp	12 V, 100 W Halogen lamp
Lamp life	Approx. 1000 Hrs.
Brightness	500000 lx
Color temp.	3100 K
Light adjustment	Variable voltage type
Cooling format	Forced fan cooling
Rated voltage / frequency	100 to 240 VAC, 50 / 60 Hz (Switching power supply)
Power consumption	130 W
External dimensions	70 (W) × 170 (H) × 210 (D) mm
Weight	2.3 kg



\* A light guide is not included.  
The light guide can be ordered separately.

### ■ Combination example



L-62 + L-63-A

### ■ Replacement part

#### L-62-1 BULB



### ■ Custom orders



Custom-order light guides are also available.

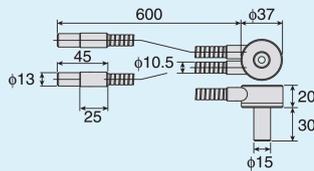
\* Orders for customized lengths are accepted even for 1 item. Contact HOZAN for details.

### ■ Optional parts

#### L-63-A LIGHT GUIDE (2-branched & interlock)

CUSTOM

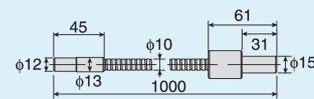
- Overall length: 600 mm
- Interlock type



#### L-63-B LIGHT GUIDE (Straight & flexible)

CUSTOM

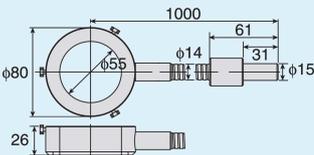
- Overall length: 1000 mm
- Flexible type



#### L-63-C LIGHT GUIDE (Ring & flexible)

CUSTOM

- Overall length: 1040 mm
- Flexible type

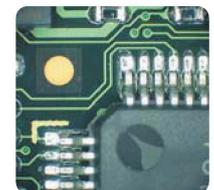
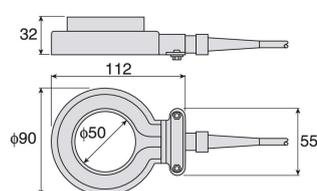


## L-65 RING LIGHT

100 V

### Inverter type lighting system

Lamp	8W fluorescent lamp
Lamp life	Approx. 2000 Hrs.
Brightness	5200 lx
Color Temp.	4200 K
Rated voltage / frequency	100 VAC 50/60 Hz
Mounting ring inner dia.	50 mmφ
Power consumption	9.5W
External dimensions (unit body)	66 (W) × 43 (H) × 158 (D) mm
Weight	560 g



L-50 Stereo microscope + L-65 image example



L-50 Stereo microscope + L-65 usage example

### ■ Replacement parts

#### L-65-1 BULB

#### L-65-3 BULB

- Offers excellent color rendering. Ideal for inspecting colors, lettering, and shapes, etc. (L-65-3)



L-65-1

Part No.	Rated	Color temperature K	Lamp life	Compatible models
L-65-1	100 V 8 W	4200	2000 Hrs.	L-65 / 522
L-65-3		7000		

\* The L-65-1 is recommended for inspecting metal surfaces such as solder surfaces, etc.

Stereo Microscopes

Color CCD camera

USB cameras

Zoom lens

LED lights

Lighting equipment

Magnifier

# L-677 ILLUMINATED MAGNIFIER

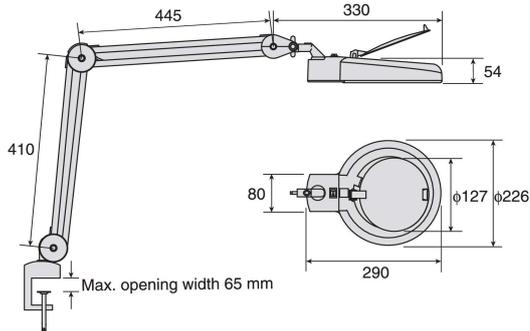


100 V

A Multi-purpose magnifier with flexible arm and ring lamp that offers high-quality at a low price.

- Inverter lamp lights up quickly and is flicker-free.
- High-quality, large diameter white lens provides bright crisp images (magnification: 2x).
- Flexible arm can be set as desired, leaving plenty of working space around your hands. Springs are housed inside the arm to create a simple and slim design.
- Equipped with a lens dust / protective cover.

Magnification	2x
Lens diameter	120 mmφ
Light	FCL20 Fluorescent light
Rated voltage / frequency	100 VAC 50 / 60 Hz
Arm length	855 mm
Max. clamp opening width	65 mm
Power consumption	20 W
Weight	2.6 kg



## Large diameter white lens

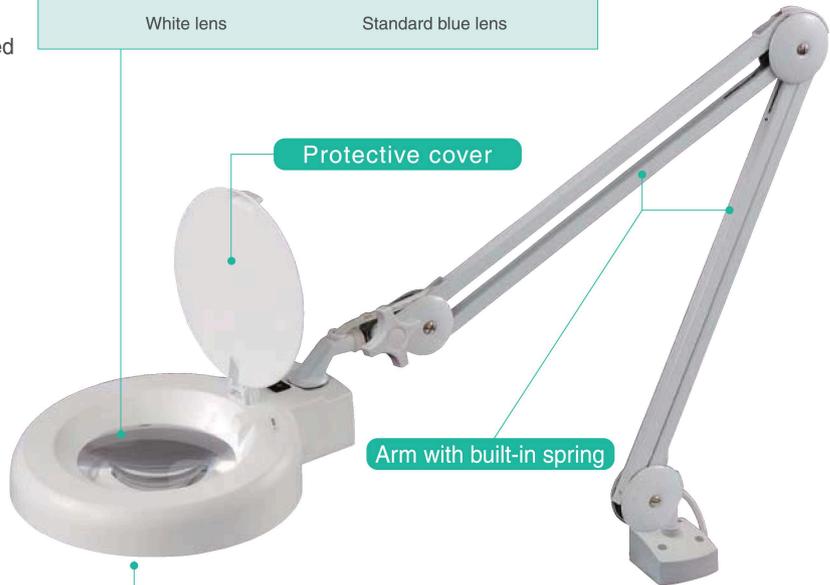
The white lens provides brighter, more vivid images than the blue lens.



White lens



Standard blue lens



Inverter light



# Z-350 / 354 INSPECTION MIRROR / BALL JOINT MIRROR



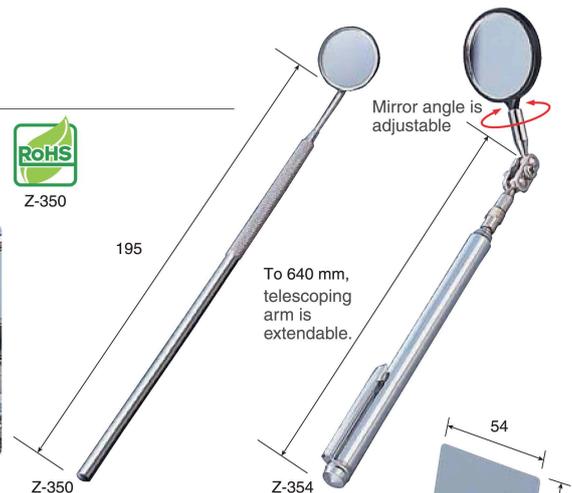
Z-350

- Permits inspections in hard-to-reach places.

Part No.	OAL mm	Mirror dia. mmφ	Arm length mm	Arm dia. mmφ	Weight g
Z-350	215	24	195	5.5	30
Z-354	200 to 693	30	150 to 640	Max. 8.5	38



Example of Z-354 usage



# Z-355 STAINLESS MIRROR

Stainless mirror used

- Mirror dimensions: 54 x 86 x thickness 0.4 mm
- OAL: 250 to 740 mm
- Arm length: 150 to 640 mm
- Arm dia.: Max. 8.5 mmφ
- Weight: 50 g



To 640 mm, telescoping arm is extendable.

Cutters & Pliers

Wire strippers

Crimpers

Tweezers

Screwdrivers & Wrenches

Metal working

Parts boxes

Tool cases

Tool kits

Soldering irons & Solder

Parts & Solder removal equipment

Measuring instruments

Optical equipment

Antistatic products

Clean products

Chemical products

Maintenance & Safety products

Stereo Microscopes

Color CCD camera

USB cameras

Zoom lens

LED lights

Lighting equipment

Magnifier



# INSPECTION MIRROR WITH LED LIGHT

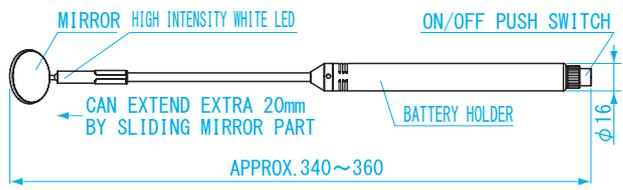


## FEATURES

- Inspection around and behind obstacles and in poorly lit areas
- LED light for high visibility
- Inspection mirror : 2 pcs (  $\phi$  20mm,  $\phi$  30mm )
- Power : Two "AA" size batteries included for testing
- Stalk : Stainless steel
- Grip : Brass ( Silver finish )

## DIMENSIONS

Units : mm



Order No.	Model No.	Operating Temperature	Luminance	Weight
011105	LM-340	- 10 ~ 40°C	10000mcd	126g

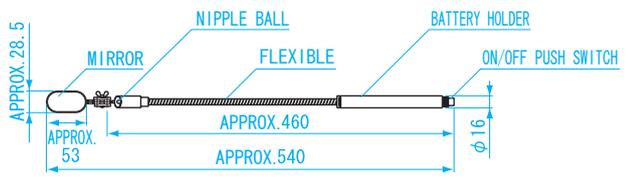
# INSPECTION MIRROR WITH LIGHT

## M type



## DIMENSIONS

Units : mm



## FEATURES

- Inspection solution for dark tight spaces
- Flexible stem can be bent to any angle
- Mirror can be removed for use as flexible light
- Power : two "AA" size batteries included for testing

Order No.	Model No.	Ball nipple bulb	Weight
011100	LMF-M	2.2V 0.25A	200g

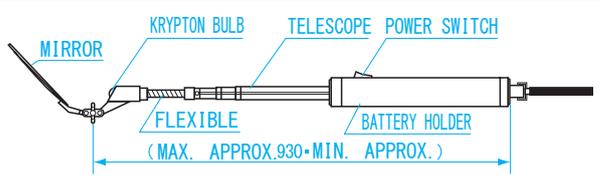
# INSPECTION MIRROR WITH LIGHT

## L type



## DIMENSIONS

Units : mm

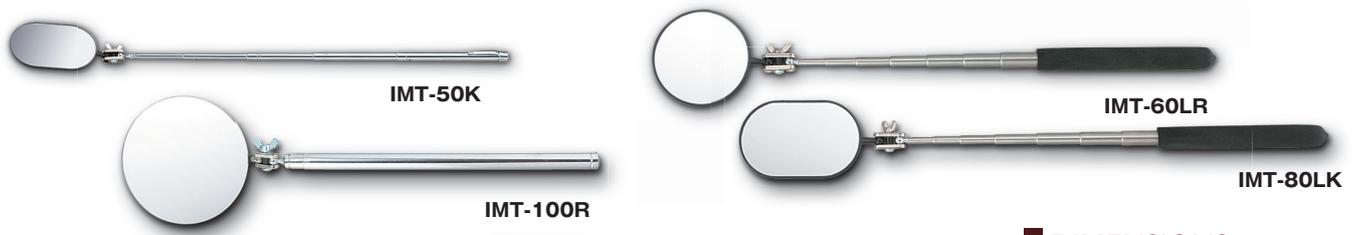


## FEATURES

- Inspection solution for dark tight spaces
- Brass ( Silver finish )
- Telescoping stalk with flexible end mirror angle adjustable for any requirement
- $\phi$  100 planar mirror
- Krypton bulb for high intensity light
- Power : two "AA" size batteries included for testing

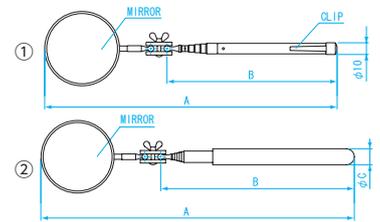
Order No.	Model No.	Krypton bulb	Weight
011103	LMF-L	2.5V 0.75A	500g

## TELESCOPING INSPECTION MIRROR



- Body : Stainless steel
- ### FEATURES
- Inspection of hard-to-see locations
  - Body : Brass (IMT-60LR, IMT-80LR : Stainless steel)
  - Mirror : Glass
  - Extendable reach and easy to carry
  - Replacement mirror (Round type 60, oval type 80) also sold separately

### DIMENSIONS



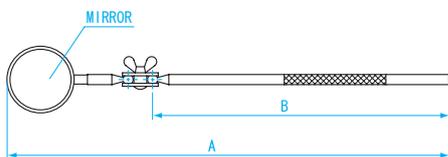
Order No.	Model No.	Mirror Shape (mm)	A : Maximum Length (mm)	B : Telescope Length (mm)	C (mm)	Dimensions	Weight	Note
011140	IMT-20R	Round $\phi$ 20	Approx. 525	Approx. 130~475	10	①	40g	with clip
011150	IMT-30R	Round $\phi$ 30	Approx. 535	Approx. 130~475	10	①	40g	with clip
011170	IMT-50K	Oval 50×25	Approx. 555	Approx. 130~475	10	①	45g	with clip
011185	IMT-85S	Square 100×85	Approx. 745	Approx. 245~610	13	①	200g	with clip
011186	IMT-100S	Square 100×100	Approx. 745	Approx. 245~610	13	①	200g	with clip
011187	IMT-100R	Round $\phi$ 100	Approx. 745	Approx. 245~610	13	①	200g	with clip
011181	IMT-80LK	Oval 80×50	Approx. 945	Approx. 160~840	14	②	100g	Long type
011161	IMT-60LR	Round $\phi$ 60	Approx. 925	Approx. 160~840	14	②	100g	Long type

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## INSPECTION MIRROR



### DIMENSIONS



### FEATURES

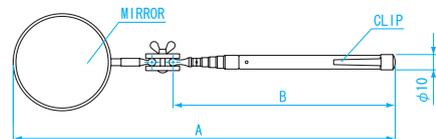
- For inspection in hard-to-see location
- Body : Steel
- Mirror : Glass
- Mirror firmly held for easy inspection

Order No.	Model No.	Mirror shape (mm)	A (mm)	B (mm)	Weight
011120	IM-20R	Round $\phi$ 20	Approx. 200	Approx. 145	50g
011130	IM-30R	Round $\phi$ 30	Approx. 210	Approx. 145	50g
011110	IM-50K	Oval 50×25	Approx. 230	Approx. 145	50g

## MAGNIFYING INSPECTION MIRROR WITH TELESCOPING



### DIMENSIONS



### FEATURES

- For inspection in hard-to-see location
- Body : Brass
- Mirror : Glass
- Extendable reach and easy to carry
- Mirror magnifies objects for better visibility

Order No.	Model No.	Mirror shape (mm)	A:Max Length (mm)	B:Telescope Length (mm)	Magnification	Weight
011195	IMTR-20R	Round $\phi$ 20	Approx. 525	Approx. 130~475	2	40g
011196	IMTR-30R	Round $\phi$ 30	Approx. 535	Approx. 130~475	2	40g
011197	IMTR-60R	Round $\phi$ 60	Approx. 560	Approx. 130~475	1.5	60g
011198	IMTR-50K	Oval 50×25	Approx. 555	Approx. 130~475	2	45g
NEW-011199	IMTR-80K	Oval 80×50	Approx. 575	Approx. 130~475	1.5	60g

STEREO MICROSCOPE

FIBER SCOPE

TECHNO-ENDOSCOPE

CIRCLE SCOPE

MICRO SCOPE

INSPECTION MIRROR

MAGNIFIER