

LIGHT UP  
YOUR  
IMAGINATION



**Manfrotto**  
Imagine More

## LED LIGHTS

The latest technology in LED lighting for photo and video, simply the best for V-DSLR applications. Light up your subjects in an easy and effective way with a full range that will support your creativity.

**Perfect chromatic output for your pictures and videos.**

# LED LIGHTS

Manfrotto delivers a complete range of continuous and hybrid solutions fitting the photo and HD video features that are now available in one single camera, capitalizing on LED technology. A pure revolution for Manfrotto lighting: after 40 years of providing supports, for the first time Manfrotto delivers LED Lights, designed and built for ease of operation and portability.



reddot design award  
winner 2011



POCKET **ML120**



MINI **ML240**



MIDI **ML360**



MIDI HYBRID **ML360H**



MIDI PLUS **ML360HP**



MAXIMA **ML840H**

## WHY LED TECHNOLOGY

### Highly efficient

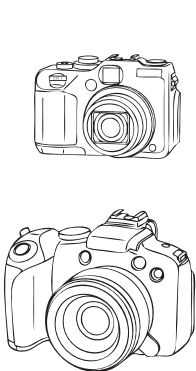
- 1 Less energy lost through heat generation
- 2 Reduced consumption
- 3 Long lifespan
- 4 Highly shock resistant

### Stability

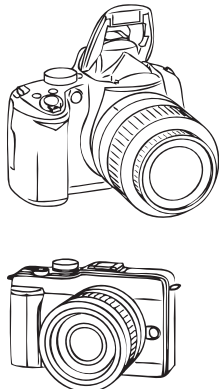
- 1 Constant color temperature throughout time and throughout dimmer output
- 2 Same color from 1% output to 100%

## COMPATIBLE CAMERAS

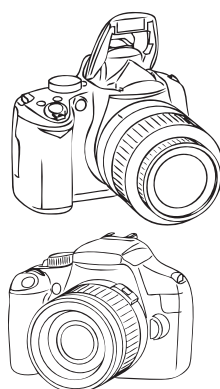
• POCKET **ML120**



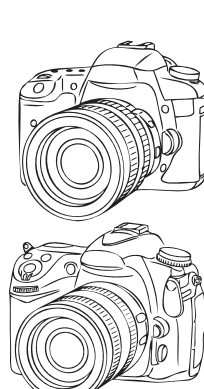
• MINI **ML240**



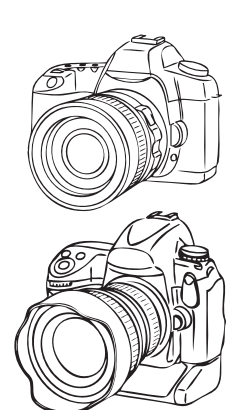
• MIDI **ML360**  
• MIDI HYBRID **ML360H**









• MIDI PLUS **ML360HP**



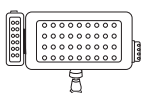
• MAXIMA **ML840H**



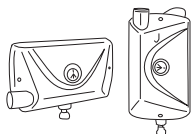
## CHECK OUT LIST

	POCKET ML120	MINI ML240	MIDI ML360	MIDI HYBRID ML360H	MIDI PLUS ML360HP	MAXIMA ML840H
						
<b>Stackable</b>			✓	✓	✓	✓
<b>Dimmer</b>	On-Off Switch	ICON	INDEX	INDEX	INDEX	INDEX
<b>Duo Position</b>			✓	✓	✓	✓
<b>Flash Function</b>				✓	✓	✓
<b>Battery Type</b>	1 AAA Lithium/Alkaline/ RechargeableNiMh	2 AAA Lithium/Alkaline/ RechargeableNiMh	4 AAA Lithium/Alkaline/ RechargeableNiMh	4 AAA Lithium/Alkaline/ RechargeableNiMh	Lithium Built In	Lithium Built In
<b>Accessories (gels - diffusor)</b>					✓	✓
<b>Back Lite</b>		✓	✓	✓	✓	✓

## FEATURES EXPLANATION



- Stackable thanks to the double flash female attachment on the case of the light.



- DUO function thanks to the double flash female attachment on the case of the light.



- 3200°K backlite for illuminating the camera controls.



Designed for V-DSLR applications (Photo-Movie).



Universal camera mounting.

# CONTINUOUS LED LIGHTS

The continuous LED Lights range has been designed for both video and still photography. It is made of three models of LED units: Pocket, Mini and Midi that differ in the quality of light and battery duration. Each can be mounted with existing Manfrotto supports thanks to the 1/4 threading on the bottom of the mounts. They are light and extremely portable. Please note that batteries are not included.

## POCKET LED LIGHT **ML120**

- 12 LEDs
- Double flash universal attachment
- On-off switch
- 1 AAA lithium battery, 1.5 hrs lifespan – 1 AAA alkaline battery, 1 hr lifespan – 1 AAA rechargeable NiMh battery, 0.5 hr lifespan (batteries not included)
- LUX (power of light beam): 120 LUX at 1m
- Color temperature: 5600° K
- Reduced energy consumption through low heat generation
- Long lifespan
- Highly shock resistant
- 2-year warranty



## MINI LED LIGHT **ML240**

- 24 LEDs
- Double flash universal attachment
- Icon dimmer – language aligned with camera commands (full dimmability)
- 2 AAA lithium batteries, 1.5 hrs lifespan – 2 AAA alkaline batteries, 1 hr lifespan – 2 AAA rechargeable NiMh batteries, 0.5 hrs (batteries not included)
- Back Liteled – illuminates camera commands when shooting at night
- Lux (power of light beam): 220 lux at 1m
- Color temperature: 5600° K
- Reduced energy consumption through low heat generation
- Long lifespan
- Highly shock resistant
- 2-year warranty



## MIDI LED LIGHT **ML360**

- 36 LEDs
- Double flash universal attachment
- Index dimmer 0-100% dimmability
- 4 AAA lithium batteries, 1.5 hrs lifespan – 4 AAA alkaline batteries, 1 hr lifespan – 4 AAA rechargeable NiMh batteries, 0.5 hr lifespan (batteries not included)
- Back Liteled – illuminates camera commands when shooting at night
- Lux (power of light beam): 420 lux at 1m
- Color temperature: 5600° K
- Dual function – the light can be mounted vertically or horizontally
- Stackable – you can attach additional lights for enhanced light output
- Reduced energy consumption through low heat generation
- Long lifespan
- Highly shock resistant
- 2-year warranty



# HYBRID LED LIGHTS

Hybrid LED Lights have been designed for both video and still photography. They are available in three LED units: Midi Hybrid, Midi Plus and Maxima. Hybrid LED Lights are a really great lighting option for either the videographer or photographer on the move. The flash function delivers an extra burst of light at 4x the continuous output at 1/1000 of a second. The effect is a high quality beautiful light, perfect for portraits, close-up shots and more general photography in low lit conditions.



## MIDI HYBRID **ML360H**

- 36 LEDs
- Double flash universal attachment
- Index dimmer 0-100% dimmability
- 4 AAA lithium batteries, 1.5 hrs lifespan – 4 AAA alkaline batteries, 1hr lifespan – 4 AAA rechargeable NiMH batteries, 0.5 hr lifespan (batteries not included)
- Back Liteled – illuminates camera commands when shooting at night
- Flash function – 4x the output of the continuous mode with syncro cable
- Lux (power of light beam): 420 lux at 1m
- Color temperature: 5600° K
- Dual function – the light can be mounted Back Liteled [Silvia: do you mean: Backlit LED]
- Stackable – you can attach additional lights for enhanced light output
- Flash triggers at 1/1000 sec, 4x output compared to continuous mode
- Reduced energy consumption through low heat generation
- Long lifespan
- Highly shock resistant
- 2-year warranty



## MIDI PLUS **ML360HP**

- 36 LEDs
- Flex mount included
- Index dimmer 0-100% dimmability
- Built-in rechargeable, lithium battery – 1.5 hrs lifespan
- Back Liteled – illuminates camera commands when shooting at night
- Flash function – 4x the output of the continuous mode with syncro cable
- Accessories included (2 gels & 1 diffusor)
- Lux (power of light beam): 420 lux at 1m
- Color temperature: 5600° K
- Dual function – the light can be mounted vertically or horizontally
- Stackable – you can attach additional lights for enhanced light output
- Flash triggers at 1/1000 sec, 4x output compared to continuous mode
- Reduced energy consumption through low heat generation
- Long lifespan
- Highly shock resistant
- 2-year warranty



## MAXIMA **ML840D**

- 84 LEDs
- Flex mount included
- Index dimmer 0-100% dimmability
- Built-in rechargeable, lithium battery – 1.5 hrs lifespan
- Back Liteled – illuminates camera commands when shooting at night
- Flash function – 4x the output of the continuous mode with syncro cable
- Accessories included (2 gels & 1 diffusor)
- Lux (power of light beam): 850 lux at 1m
- Color temperature: 5600° K
- Dual function – the light can be mounted vertically or horizontally
- Stackable – you can attach additional lights for enhanced light output
- Flash triggers at 1/1000 sec, 4x output compared to continuous mode
- Reduced energy consumption through low heat generation
- Long lifespan
- Highly shock resistant
- 2-year warranty

# WITH AND WITHOUT FLASH



• without



• with



• how



• without



• with



• how



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