

# ML105

## Compact size aluminum flashlight head



**Multifaceted reflector** controls the direction and spread of light cast from LED to provide a sharp round spot light with uniform high brightness.



## 12 Position pivoting flashlight head



**Strap hook** can be installed on the upper or lower position in accordance with usage.



## Light source

Type : 4.9W single LED  
Illuminance : 5,500lx  
Luminous flux : 190lm



Illuminance: measured in  $\varnothing 20\text{mm}$  circle at the center of an illuminated field 1m in front of the light source.

# ML104



## Convenient metal hook

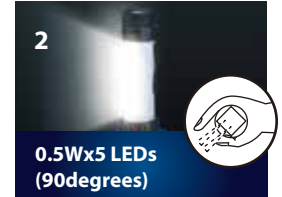
- can be retracted and stored behind the light head.
- swivels full 360 degrees.



## 3-stage brightness switch for wide and bright illumination



Full brightness with 20 LEDs (5 LEDs for 4 sides)



Half brightness with 5 LEDs (5 LEDs for 1 side)

## Top LED (x1)



with light-diffusing reflector and transparent lens

## Ring for Strap

Optional shoulder strap can be attached.



Part No. GM00001028

## USB output port (Type A, 5V, 2.1A)

with rubber cap to prevent dust and debris from entering



## USB power supply switch

with Auto - off function for saving battery power.

## Continuous run time (approx)

Model No.	Illuminance	BL1041B	BL1016
ML105	4.9Wx1 LEDs	14 h	5.5 h
ML104	0.5Wx20 LEDs	5.5 h	2.0 h
	0.5Wx5 LEDs	17 h	6.5 h
	2W LED	19 h	7.0 h

## Accessory

### Magnet attachment



Part No. GM00001683(EU)  
Part No. GM00001714

## Li-ion Battery & Charging Time Reference (approx)

Charging time	Battery Type	*with Battery fuel gauge		
		*BL1041B 12Vmax 4.0Ah	*BL1021B 12Vmax 2.0Ah	BL1016 12Vmax 1.5Ah
DC10SB		60min	30min	22min
DC10WD		130min	70min	50min

Items of standard equipment and specifications may vary by country or area.

## Cordless LED Flashlight

### ML105 / ML104

	ML105
Run Time (hrs)	Up to: 14 (BL1041B)
Luminous flux	190 lm
Illuminance	at 1m from the light source 5,500 lx
Dimensions (L x W x H)	249x66x93mm
Net weight	(9-3/4"x2-5/8"x3-5/8") 0.53 - 0.70 kg

Standard Equipment : Strap Hook

	ML104
Run Time (hrs)	Up to (BL1041B: Sub light) : 19
Main light (on bar side)	
Full brightness Luminous flux	710 lm
Full brightness Illuminance	at 50cm from the light source 340 lx
Sub light (on top side)	
Luminous flux	130 lm
Illuminance	at 50cm from the light source 1,900 lx
Dimensions (L x W x H)	414x66x132mm (16-1/4"x2-5/8"x5-3/16")
Net weight	0.61 - 0.78 kg

The weight may differ depending on the attachment(s), including the battery cartridge. The lightest and heaviest combination, according to EPTA-Procedure 01/2014.

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# Cordless LED Flashlight ML105 / ML104



## ML105

High-luminance single LED flashlight provides 190 lumens.



## ML104

Three LED lighting modes:  
360° lantern, 90° lantern or flashlight



USB output port (ML104 only)



Optional magnet attachment for hands-free operation



Powered by Slide Li-ion Battery of Makita's New 12Vmax Platform

