



## The New LM series : Re Definite

Designed for EDC, the new LM301/LM303 provides best balance between Output and Runtime.

LM301/303 has 2stage reverse clickie with on-Lo-Hi-off sequence.

New contact mechanism between LED housing and Battery tube as tighten for power transfer and unscrew 1/3 turn for locking which prevent accidental power ON and also acts as twisty switch of LM301/LM303.

1. We optimized both LM301 and LM303 with selected battery source for usability, value and power. Rechargeable NiMH battery sources with advantage of large capacity and low internal resistance offers most reasonable power to feed LM301. A single 2600mAH NiMH can offer 95minutes of nearly-flat output for LM301 at Hi-out (350mA forward current) and 1,600minutes at Low-output. Alkaline is also recommended. LM301 is also designed for 1.2-1.6 E2 Lithium

But not for 14500 protected or unprotected batteries as Low runtime is affected.

2. LM303 is designed for users who need more output, new LM303 can feed with primary 123A or rechargeable Li-ion cell (16340). RCR123A do boost the output of LM303 with 60minutes of nearly flat output and 140 minutes plus with primary 123A (E2 Lithium). Lo-out with primary 123A offers 480 minutes (100% to 50%). The new LM301/LM303 obeys the rule to control the feeding current within battery's chemistry limit which offers almost full flat-output until the battery is drained completely.

3. Each LM301/LM303 integrated with selected bin of LED and pure white for optimal use.
  
4. With SSC-P4 and Luma's Aluminum OP-reflector and AR-glass lens, both LM301/LM303 project maximum Flood and Smooth beam format. Large Hotspot with Smooth side-spills is perfect for short to medium use.
  
5. Each LM301/LM303 ship with spare O-rings, Lanyard, GID tailcap as added extras.
  
6. Free Holster for outdoor usage and easy carrying.

## Power output :

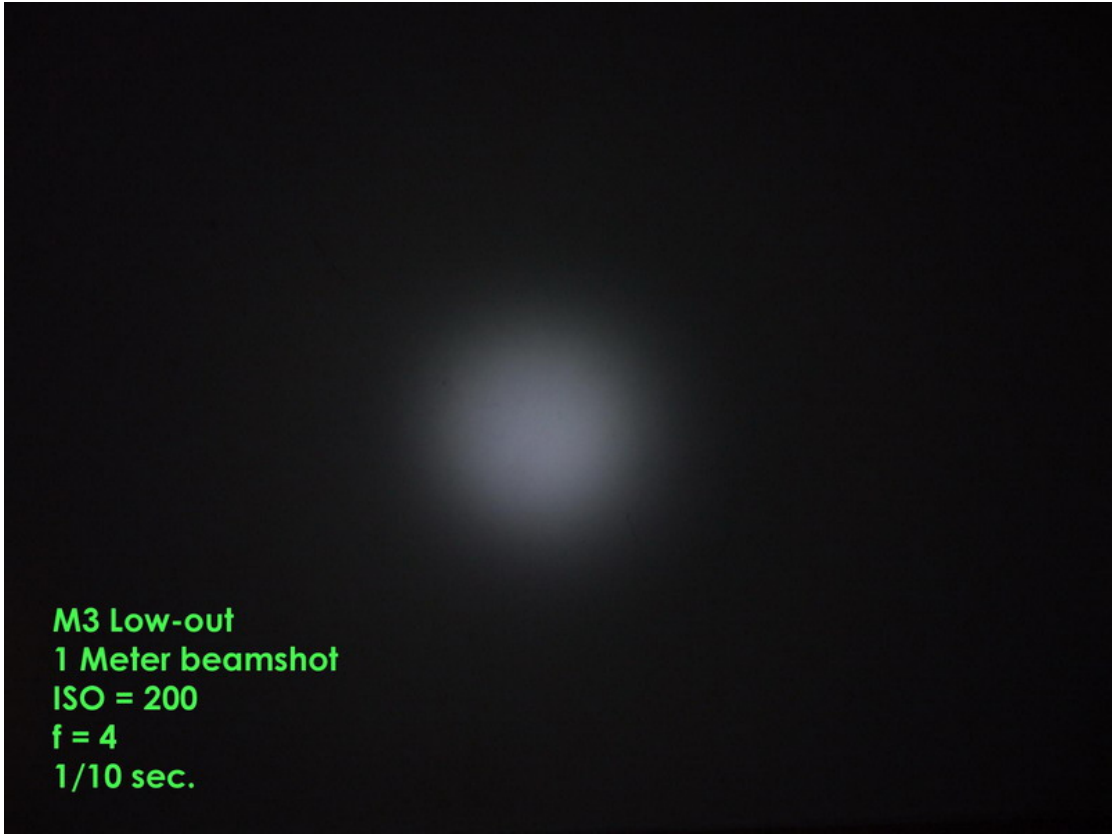
LM301 : with 350mA LED forward current offers max. 80Lumens plus at High.

LM303 : with 350mA LED forward current offers max. 90Lumens plus at High (123A)

And 120Lumens plus when powered with 3.6V rechargeable Li-ion

## Reflector and Beamshot :

Aluminum OP-type reflector provides Flood and Smooth beam format for short to medium distance with large useful side spills.



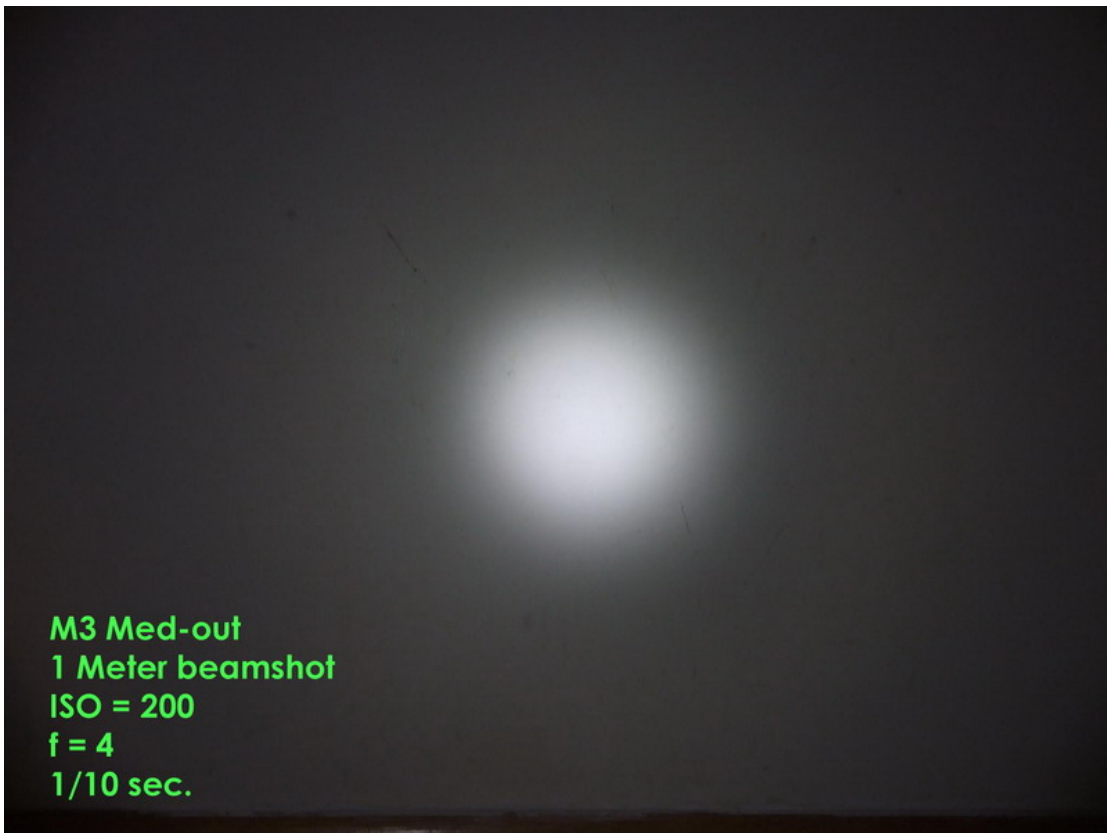
M3 drive with CR123A, Lux readings as : 60



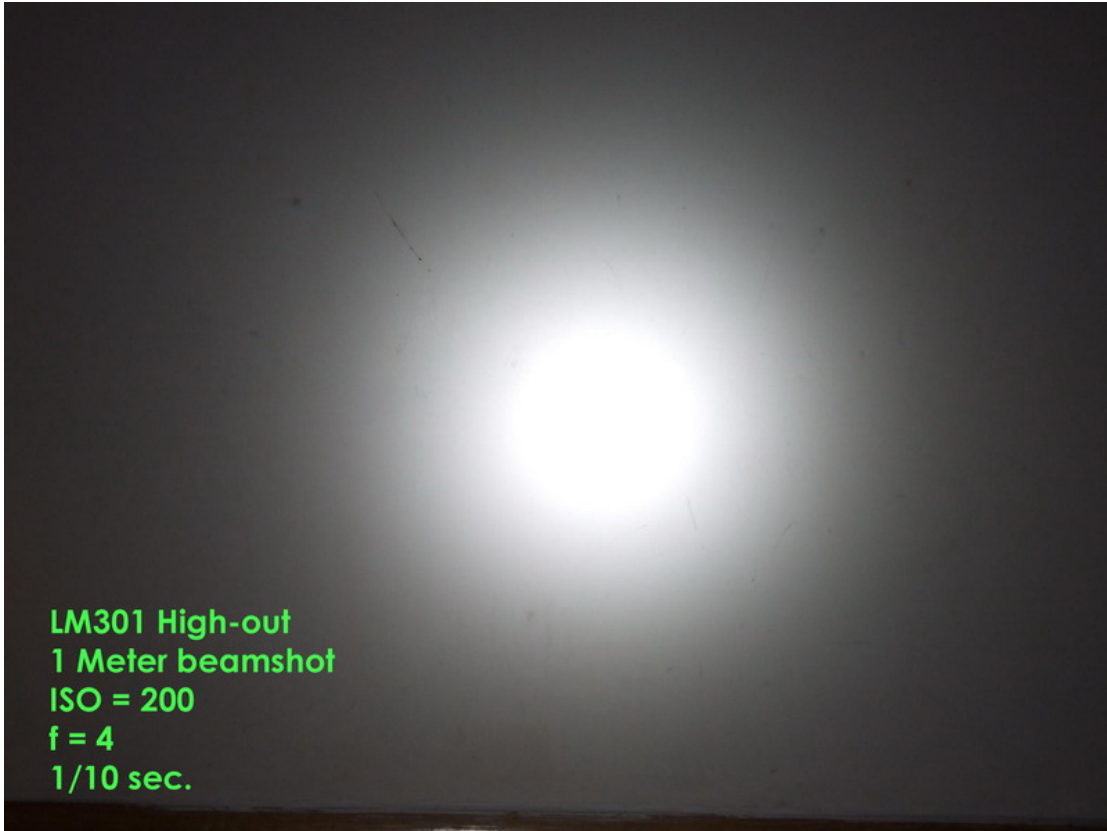
LM301 drive with NiMH, Lux readings as : 50



LM303 drive with rechargeable Li-ion123A Lux readings as : 200



M3 drive with CR123A, Lux readings as : 250



LM301 drive with NiMH, Lux readings as : 780



LM303 drive with rechargeable Li-ion123A Lux readings as : 1350



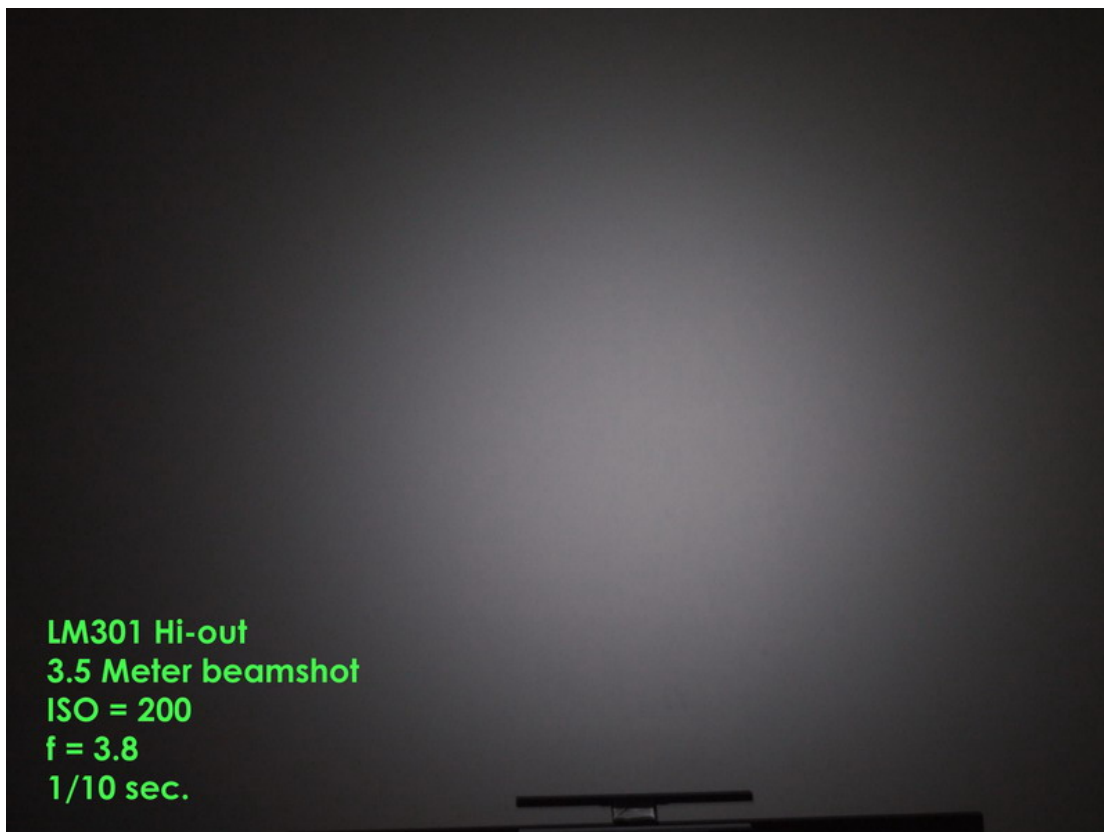
M3 drive with CR123A, Lux readings as : 900

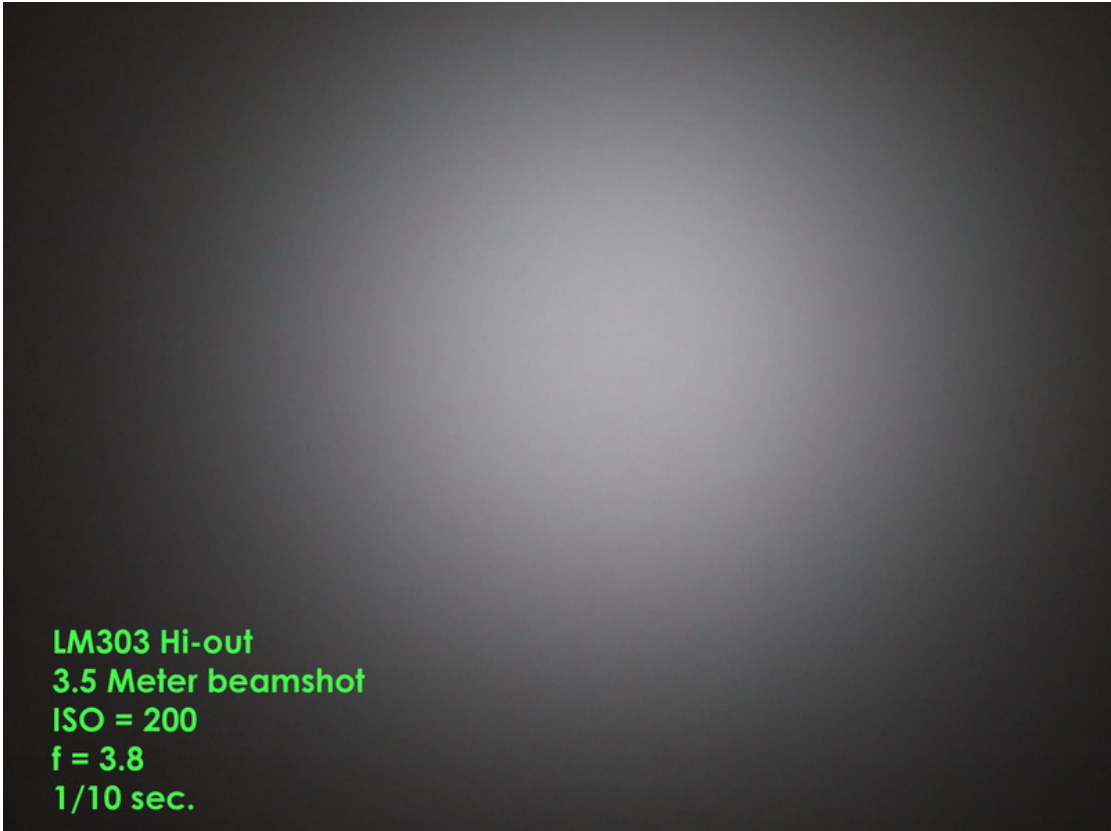


Left : M3 High (123A, 3V), Right : LM301 (NiMH 1.2V)

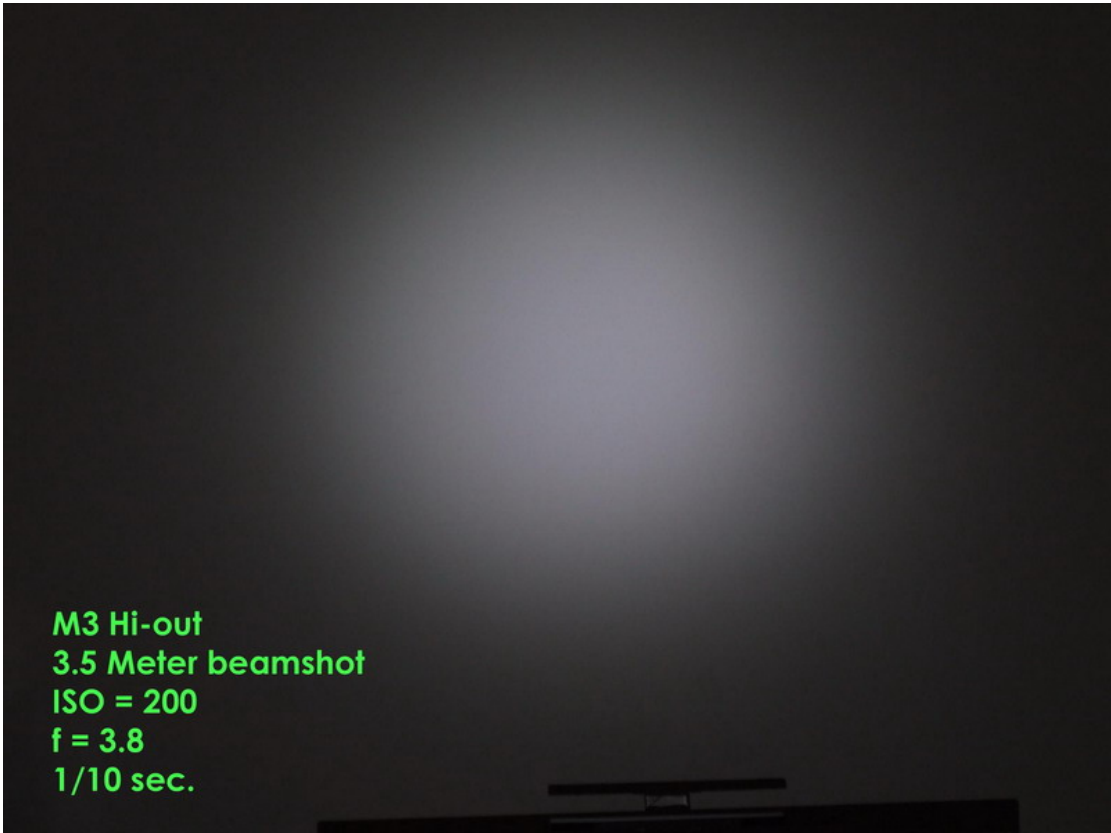


Left : M3 High (123A, 3V), Right : LM303 (RCR123A 4.0V)





LM303 Hi-out  
3.5 Meter beamshot  
ISO = 200  
f = 3.8  
1/10 sec.



M3 Hi-out  
3.5 Meter beamshot  
ISO = 200  
f = 3.8  
1/10 sec.

## Runtime :

LM301 :

Hi-out with NiMH 2600mAh ; 95 minutes (from 100% to 50%)

Low-out with NiMH 2600mAh ; 1600 minutes (from 50Lux to 5Lux at 1M)

LM303

Hi-out with rechargeable 16340 600mAh ; 65 minutes (from 100% to 50%)

Low-out with primary 123A E2 ; 770 minutes (from 50Lux to 5Lux at 1M)



LM301 and LM303 with Holster



LM301/LM303 with packing



LM301 with Holster, with lanyard



Spare O-rings and GID tailcap.



LM301 and LM303 side by side dimension comparison



3 kinds of tailcap shipped with new LM : Orange/Black-round, GID-tail stand.