

2012



**CYCLOPS**  
GET OUT OF THE DARK

# ANSI NEMA FL1

The standard was developed by the Flashlight Standards Committee of the National Electrical Manufacturers Association (NEMA). The committee consisted of a number of flashlight manufacturers. The resulting specification is called ANSI/NEMA FL-1. As with many technical specifications, the full standard can only be purchased from ANSI or NEMA.

The purpose of the standard is to allow consumers to make apples-to-apples comparisons of lights and to eliminate exaggerated light performance by quoting "emitter lumens" or "out-the-front lumens". The tests can be performed by the manufacturer or an independent lab. The necessary equipment and calibration makes this an expensive undertaking.





## Beam Distance

Beam distance is defined as the distance from the device at which the light beam is 0.25 lux (0.25 lux is approximately the equivalent of the light emitted from the full moon "on a clear night in an open field").



## Peak Beam Intensity

Peak Beam Intensity is the maximum luminous intensity typically along the central axis of a cone of light. The value is reported in candela and does not change with distance.



## Run Time

Run Time is defined as the duration of time from the initial light output value—defined as 30 seconds after the point the device is first turned on—using fresh batteries, until the light output reaches 10% of the initial value.



## Light Output

Light Output is the total luminous flux. It is the total quantity of emitted overall light energy as measured by integrating the entire angular output of the portable light source. Light output in this standard is expressed in units of lumens.



## Impact Resistance

Impact resistance is the degree to which a device resists damage from dropping on a solid surface.



## Water Resistant

Water Resistant—IPX4—Water splashed against the device from any direction shall have no harmful effects.



# CS ANSI / NEMA Light Ratings Definitions



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# HAND HELD LIGHTS



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# Sirius

## 9 WATT - 300 LUMENS HAND HELD LIGHT CYC-9WS

- 3 – White 3 Watt CREE High Power LED's for long range
- 6 – White LED's for immediate area use
- 20% Brighter
- Red lens, home and car charge included
- Ergonomically designed rubberized grip with trigger pulse switch
- Always ON lock switch
- Burn time: 3x 3 Watt – 3+ hours  
6 LED – 40+hours
- Light output: 300/45 Lumens
- Powered by 6V 2.5Ah SLA battery included

### Cree 3 LED Mode



### 6 LED Mode





# Flare

## 3 WATT 193 LUMENS HAND HELD LIGHT CYC-3WS6AA

- 3 – White 1 Watt CREE High Power LED's for long range
- 6 – Green LED's for local area illumination
- Durable O-Ring weather sealing
- Ergonomically designed rubberized grip with trigger pulse switch
- Integrated Power Meter display
- Always ON lock switch
- Includes lanyard wrist strap
- Burn time: 3 x 1 Watt – 3+ hours  
6 LED – 11+ hours
- Light output: 193/45 Lumens
- Powered by 6 Energizer "AA" batteries included

### Cree 3 LED Mode



### 6 LED Mode





## FLARE SPORT 3 WATT 193 LUMENS HAND HELD SPOT LIGHT CYC-3WS

- 3 – White 1 Watt CREE High Power LED's for long range
- Durable O-Ring weather sealing
- Ergonomically designed rubberized grip with trigger pulse switch
- Integrated Power Meter display
- Always ON lock switch
- Includes lanyard wrist strap
- Burn time: 3 x 1 Watt – 3.5 hours
- Light output: 193 Lumens
- Powered by 6 Energizer "AA" batteries included

Cree 3 LED Mode



# HEAD LAMPS



# RANGER CREE 1 WATT 4 STAGE HEADLAMP w/ 4 RED LED LIGHTS



- New Stealth Black Design
- CREE 1 Watt Clear Bulb for center light
- 4 Mode lighting: Center white light only, 3 green LED bottom lights only, 4 red side lights only, and strobe on 4 red side lights
- Weather-Resistant
- ABS Rubberized housing for durability
- 3 Layer Nylon adjustable cross-strap elastic headband
- Light Output : 20-83 Lumens, depends on mode
- Burn Time: +5 hours
- Powered by 3 “AAA” Energizer Alkaline batteries included

Model – BLACK - CYC-RNG1  
Model – NXT CAMO– CYC-RNG1-CMO

## Cree Bulb Mode



## 3 LED Mode





# PHOENIX HEADLAMP – 3 LED KRYPTON

- 2-Way Switch for dual light source
  - Krypton bulb
  - Adjustable stretch head band
  - Shock resistant, rugged construction
  - Water resistance
  - Available in black or Next Camo finish
- Burn time: Krypton Lamp: 90 minutes  
 3 LED: 720 minutes
- Light output: Lamp 12.5 lumens  
 3 LED 20 lumens
- Powered by 3 “AAA” batteries included

Model – Black - CYC-903C

Model – NXT Camo – CYC-903NXTCMO

## Krypton Bulb



## 3 LED Mode





# HELIOS - 6 LED HEADLAMP

- 2-Way Switch for dual light source to vary light level
- Adjustable stretch head band
- Lightweight, weighs less than 3 oz.
- Shock resistant, rugged construction
- Water resistance
- Available in Black or NXT Camo finish
- Burn time: 6 LED : 230 minutes  
3 LED : 720 minutes
- Light output: 6 LED 37 lumens  
3 LED 20 lumens
- Powered by 3 "AAA" batteries included

Model – Black - CYC-906C

Model – NXT Camo – CYC-906NXTCMO



## 6 LED Mode



## 3 LED Mode



# ATOM LED MAGNIFIER HEADLAMP With BATTERIES



- 1 Luminous Clear LED
- Twist ON/OFF switch
- Pivot hinge to adjust light beam where needed
- Detachable clip light for top mount design does not obstruct line of vision
- Durable ABS housing
- Weather Resistant
- Adjustable stretch headband
- Light weight – 1.6 OZ
- Powered by 2 CR-2032 Lithium batteries included

Model – Black – CYC-ATM1-B  
Model – Camo – CYC-ATM1-CMO  
Model – Silver -- CYC-ATM1-S





# 18 PIECE COUNTER DISPLAY MICRO HAT CLIP LIGHT – 5 LED BULBS

- Footprint H 12” x 11.125” x D 5.875”
- 5 Super Bright White LED Bulbs with built-in 15 degree angle tilt
- Available in white & green bulbs
- Weighs less than an ounce
- Burn time 118 minutes
- Light output: 10 lumens
- Top mount design does not obstruct line of vision
- Sturdy metal clip
- 2 CR-2016 Lithium batteries included

Model – CYC-MHC-DISP



# HAT CLIP LIGHTS





## MICRO HAT CLIP LIGHT

- 5 Super Bright White LED Bulbs with built-in 15 degree angle tilt
- Weighs less than an ounce
- Burn time 118 minutes
- Light output: 10 lumens
- Top mount design does not obstruct line of vision
- Sturdy metal clip
- 2 CR-2016 Lithium batteries included

- Model CYC-MHC-W
- Model CYC-MHCPNK-W
- Model CYC-MHC-G





## ORION HAT CLIP LIGHT w/ 3 LED LIGHTS

- 3 Super bright LED bulbs, available in white, blue, & green bulbs
- Contoured shape to fit cap brims securely
- Top mount design does not obstruct line of vision
- Burn time 170 minutes
- Light output: 17.5 lumens
- Powered by 2 CR-2032 Lithium batteries (included)

Model CYC-HC1-W  
Model CYC-HC1-G  
Model CYC-HC1-B  
Model CYC-HC1-WNXT



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## ORION HAT CLIP LIGHT w/ 5 LED LIGHTS

- 5 Super bright LED bulbs, available in white bulbs
- Contoured shape to fit cap brims securely
- Top mount design does not obstruct line of vision
- Burn time 120 minutes
- Light output: 27 lumens
- Powered by 2 CR-2032 Lithium batteries included

Model – CYC-HC5-W



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# ORION HAT CLIP LIGHT w/ 5 LED LIGHTS NEXT CAMO



- 5 Super bright LED bulbs, available in white & green bulbs
- Contoured shape to fit cap brims securely
- Top mount design does not obstruct line of vision
- NXT CAMO SHELL
- Burn time 120 minutes
- Light output: 27 lumens
- Powered by 2 CR-2032 Lithium batteries included

Model – CYC-HC5GRTN







## ORION TILT HAT CLIP w/5 LED LIGHTS

### 1 White LED Head / 1 Green LED Head

- 5 Super Bright LED bulbs
- Interchangeable light modules in white and green bulbs
- Light module tilts 45 degrees for desired light positioning
- Contoured shape to fit cap brims securely
- Top mount design does not obstruct line of vision
- Burn time 120 minutes
- Light output: 30 lumens
- Powered by 2 CR-2032 Lithium batteries included

Model – CYC-HCDT-WG

Model – CYC-HCDT-WGNXT





# Orion Hat Clip Light Sidekick Free with purchase Holds 27 units

Model CYC-HC-DIS-EMT



# Utility



# 702U – 1 LED Lightweight Utility Flex Light

- 1 LED Bulb for clear white light
- Available in Black, Shimmer Green & Silver
- Durable rubberized clamp clips just about anywhere
- Flexible arm points light in any direction
- LED bulbs are 5X more energy efficient than standard bulbs
- Light output: 4.5 Lumens
- Available in Black or Silver
- Two Lithium CR-2016 batteries included

Model – CYC-702U



# 24 PIECE COUNTER DISPLAY OF 702 LIGHTS SHIMMER COLLECTION

Model CYC-702DIS





# Accessories

**BAT1 – (CR2016) – 2 PACK**  
CR2016 REPLACEMENT BATTERIES

**BAT2025 – 2 PACK**  
CR2025 REPLACEMENT BATTERIES

**BAT2032 – 2 PACK**  
CR2032 REPLACEMENT BATTERIES

# SPOT LIGHTS





# NEXUS

## Rechargeable 3200 Lumen Power HID Spotlight

- Featuring a 12V 25W HID bulb
- LED charging indicator : Green – full battery / Yellow – half battery / Red – low battery
- Durable construction in black
- Nylon carrying belt
- Dual recharge, either by 12V car plug adapter or 12V 300mA AC charger (both included)
- Burn time: Spotlight - 50 min. (after fully charged)
- Light output:3200 Lumens
- Equipped with 2 x 6V Rechargeable Sealed Lead Acid Battery

Model – CYC-HID5



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## **THOR X COLOSSUS 18 Million Candle Power Rechargeable Spotlight**

- Featuring a Phillips 130/100 Watt H4 Halogen Bulb
- Two adjustable swivel stands
- Two power levels
- Durable rubberized construction in green
- Dual recharge, either by AC/DC adapter or 12V DC car plug adapter (both included)
- Battery charge time: 20 hours
- Light output: 18 Million Candle Power
- Equipped with 2 x 6V Sealed Lead Acid Battery

Model – C18MIL-FE





## **THOR X SCOUT 6.5 Million Candle Power Rechargeable Spotlight**

- Featuring a H3 12V 100 Watt Halogen Bulb
- Two adjustable swivel stands
- Dual recharge, either by AC/DC adapter or 12V DC car plug adapter (both included)
- 12V Operation using car adapter
- Battery charge time: 20 hours
- Light output: 6.5 Million Candle Power
- Equipped with a 2 x 6V Sealed Lead Acid Battery

Model – CYC-S6X





## **THOR S250**

### **2.5 Million Candle Power**

### **Rechargeable Spotlight**

- Featuring a Quartz Halogen 6V 55W Bulb
- Two position handle
- Dual recharge, either by AC/DC adapter or 12V DC car plug adapter (both included)
- Compact Design
- Light output: 2.5 Million Candle Power
- Equipped with a 6V 4Ah Sealed Lead Acid Battery

Model – CYC-S250





## **SEEKER S35012VR 3.5 Million Candle Power 12V Direct Spotlight**

- Featuring a 100 Watt H3 Halogen bulb
- Detachable red lens (included)
- 6 foot coiled cord
- Compact Design
- Light output: 3.5 Million Candle Power
- Direct use with 12V DC plug adapter

Model – CYC-S35012VR



# 1 WATT RECHARGEABLE LANTERN

- 1 Watt White LED bulb
- Durable and stylish ABS plastic housing
- Burn time: Approx.. 3 hours when fully charged
- Light output: 90 Lumens
- Includes Home AC charger & car 12V DC charger
- Powered by 4V rechargeable Sealed Lead Acid Battery

Model – CYC-RL1W



  
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In Development





## SIRIUS 12V 300 Lumens

- 3 – White 3 Watt High Power LED's for long range
- 6 – White LED's for immediate area use
- 20% Brighter
- Red Lens, home and car charge included
- Ergonomically designed rubberized grip with trigger pulse switch
- Integrated Power Meter display
- Always ON lock switch
- Light output: 300/45 Lumens
- Powered by 6V 2.5Ah SLA batteries included

In Development





In Development

## **XE-900**

### **900 Lumen Handheld**

- Cree 10W XML LED
- 900 Lumens
- Ergonomically designed rubberized grip with trigger pulse switch
- Integrated Power Meter display
- Always ON lock switch
- Burn time: 40 Min – EST
- Powered by 6V 2.5Ah SLA battery







## XF-80

Cree XPE-Q5 White LED

Fiberglass Polymer housing

Operated by 3 x AAA Energizer Alkaline batteries ( included)

Switch type : Simple ON - OFF  
or adjustable setting for half power

In Development



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