



LD-BN842-LRF

LASER RANGEFINDER
BINOCULARS 8X42

NIGHT VISION

- NEW! 8X42 LASER RANGEFINDING BINOCULARS
- INSTANT OBJECT FOCUS BEYOND 100M
- LIGHTNING-QUICK DISTANCE READING (AS FAST AS 0.5SEC!)
- DISTANCE MEASURED IN METERS AND YARDS
- FULLY MULTICOATED OPTICS WITH REVOLUTIONARY "SPRAY-ON-GLASS" LIQUID SILICON LAYER
- STANDARD BAK-4 PRISMS WITH PHASE CORRECTION COATING
- FULLY WATERPROOF AND FOGPROOF
- BUILT-IN TRIPOD MOUNT



LUNA OPTICS IS INTRODUCING ONE OF THE MOST COMPACT FULL-SIZE LASER RANGEFINDER BINOCULARS ON THE MARKET. FEATURING LONG RANGE MEASUREMENT SYSTEM (UP TO 2800M ON REFLECTIVE TARGETS, UP TO 1600M ON NON-REFLECTIVE TARGETS) AND LIGHTNING-QUICK RESPONSE TIME (AS FAST AS 0.5SEC!) THESE BINOCULARS BENEFIT FROM UNIQUE RANGE-FINDING SYSTEM ALLOWING FOR COMPACT OVERALL DIMENSIONS THAT ARE VERY SIMILAR TO A NORMAL 8X42 TYPE ROOF PRISM BINOCULAR.

THE BINOCULARS OFFER ITS USERS SUPERB OPTICAL QUALITY WITH STANDARD BAK-4 (BARIUM CROWN GLASS) PRISMS WITH PHASE CORRECTION OFFER IMAGES FREE OF DISTORTION AND ABERRATION, WHILE FULLY MULTICOATED LENSES PROVIDE EXCELLENT LIGHT TRANSMISSION AND COUPLED WITH LARGE EYEPIECES CONTRIBUTE TO SUPER COMFORTABLE VIEWING DURING ANY DAYLIGHT CONDITIONS AND EVEN DURING THE HOURS OF DUSK AND DAWN.

ALL EXTERNAL AND INTERNAL AIR-TO-GLASS SURFACES ARE MULTICOATED WITH MAGNESIUM FLUORIDE, MgF₂ (BROADBAND ANTI-REFLECTIVE COATING), TITANIUM DIOXIDE, TiO₂ (SELF-CLEANING COATING), AS WELL AS HYDROGEN (H₄) AND A REVOLUTIONARY SPRAY ON GLASS SILICON DIOXIDE COATING, SiO₂, WHICH SEALS THE LENS SURFACES FROM A VARIETY OF DAMAGING EFFECTS CAUSED BY WATER, UV RAYS, DIRT AND EVEN BACTERIAL INFECTIONS.

TWIST-UP EYECUPS WITH MULTIPLE POSITIONS AND A LONG EYE-RELIEF ALLOW EYEGGLASS AND SUNGLASS WEARERS TO VIEW COMFORTABLY AS WELL AND INDIVIDUAL FOCUSING SYSTEM IN EACH EYE ALLOWS FOR INSTANT OBJECT FOCUSING BEYOND 100M – GREAT FOR QUICK TARGET ACQUISITION AND ACCURATE DISTANCE READING. OBJECTIVE LENS COVERS ARE CONVENIENTLY AND SECURELY ATTACHED TO THE BINOCULAR'S BODY.

QUALITY YOU CAN SEE...EVEN IN THE DARK.®

OPTICAL DATA

- IMAGE MAGNIFICATION ----- 8x
- OBJECTIVE LENS DIAMETER ----- 42MM
- PRISM SYSTEM ----- ROOF
- PRISM TYPE ----- BAK-4
- FOCUSING SYSTEM ----- INDIVIDUAL EYEPIECE
- MIN. FOCUSING DISTANCE ----- 10M (11YDS)
- LENS COATING --- MULTI-LAYERED / FULLY MULTICOATED
- COATING TYPE ----- H4; MgF2; TiO2; SiO2
- PRISM CORRECTION COATING ----- YES
- FIELD OF VIEW ----- 105M/1000M
(340FT/1000YDS)
- EXIT PUPIL ----- 5.25MM
- RELATIVE BRIGHTNESS ----- 27.6
- TWILIGHT FACTOR ----- 18.3
- EYE RELIEF ----- 19MM
- DIOPTRER ADJUSTMENT ----- +/-8 EACH EYEPIECE
- EYECUP ----- TWIST-UP
- WATERPROOF ----- YES
- FOGPROOF ----- YES
- TRIPOD ADAPTER ----- YES

LASER RANGEFINDER DATA

- REFLECTIVE TARGETS ----- 20-2800M
(22-2953YDS)
- NON-REFLECTIVE TARGETS (LIGHT COLORS) ----- 20-1600M
(22-1750YDS)
- NON-REFLECTIVE TARGETS (DARK COLORS) ----- 20-1000M
(22-1094YDS)
- NON-REFLECTIVE TARGETS (ANIMAL SIZE) ----- 20-500M
(22-547YDS)
- ERROR TOLERANCE ----- +/- 1M TO 5M (DISTANCE DEPENDENT)
- RESPONSE TIME (20-900M) ----- 0.5SEC
- RESPONSE TIME (GREATER THAN 900M) ----- 1-2SEC
(DISTANCE/OBJECT SIZE DEPENDENT)
- INDICATING TIME ----- 15SEC
- AUTOMATIC SHUT-OFF TIME ----- 30SEC
- INDICATOR COLOR ----- RED

GENERAL DATA

- POWER SUPPLY ----- 1X3V LITHIUM BATT. CR2-TYPE
- DIMENSIONS ----- 165MM X 114MM X 61MM
(6.5" X 4.5" X 2.4")
- WEIGHT ----- 998G (2.2LBS) W/BATTERY

SET INCLUDES

- LENS COVERS
- CARRY CASE
- PADDED NECK STRAP
- CR2 BATTERY



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