NOU_T ECHELLE HOW YOU BE ABLE TO MOUNT THE OPTICAL COMPONENTS.

NOU_T, OPTICAL ELEMENTS LIST. 2020 10 27 **GUIDE BOX** # 1 .- FOCAL REDUCER OR NEGATIVE BARLOW LENS FOCAL REDUCER (it depens of each telescope). Alan Gee Telecompresor MarkII. https://www.baader-planetarium.com/en/alan-gee-telecompressor-mark-ii-(t-2-part-20).h tml NEGATIVE BARLOW LENS (it depens of each t Telescope Focal Relation) https://farpointastro.com/shop/apm-2-inch-coma-corrector-telecentric-1-5x-barlow-lens/ L-AON012 D 31.50 F-100.00 BF-103.80 7.8 10.70 http://catalog.rossoptical.com/catalog/doublets-and-triplets/negative-achromats/ https://www.edmundoptics.com.sg/p/40.4mm-dia-x137mm-fl-grade-1-negative-achromatic-lens/ 25567/ # 2 .- One Pinhole. 50 microns with mount M25 mm. Standar Round Apertures (unblackened). http://www.nationalaperture.com/pinhole.htm #3.-One Flat mirror for guide. https://www.edmundoptics.com/p/20mm-dia-enhanced-aluminum-lambda4-mirror/17777/ # 4 .- Two Achromatic doublets 12.7 mm diameter and 75 mm. focal. https://www.thorlabs.com/thorproduct.cfm?partnumber=AC127-075-A

#5.-One Flat mirror for tungsten light, 15x21x3. Reference #89-477 https://www.edmundoptics.eu/p/15-x-21mm-silver-4-6lambda-mirror/31982/ ______ MAIN BOX # 6 .- One Concave Mirror, UV Enhanced Aluminium, Diameter 25.4 mm. f = 100 mm. (see the reflection graphic), very good transmission in 3700 Angs. and between 8000 at 9000. https://www.thorlabs.com/thorproduct.cfm?partnumber=CM254-100-F01 # 7 .- One Flat mirror, UV Enhanced Aluminium square 25.4 x 25.4 x 6.0 mm., we need make a hole in it afterwards. https://www.thorlabs.com/thorproduct.cfm?partnumber=PFSQ10-03-F01 #8.-One Richardson Echelle grating 25x50x6 mm. 79 l/mm. Blaze 63º https://www.edmundoptics.eu/p/79-grooves-25x50mm-63-echelle-grating/43670/ # 9 .- One Equilateral prism F2 size = 40x40x40 mm. Without AR coating Ref. 04 JE 40 comaroptics.com/components/plano-optics/prisms/inverting-and-dispersing-prisms MAIN CCD CAMERA # 10 .- Fotografic Objective Nikon Nikkor 85mm. F1.8 AF. Metal version. https://www.ebay.fr/sch/i.html? sacat=0& nkw=nikon+85mm+1.8d& frs=1

LAMPS AND BULBS.

11.- Calibration light, box of 25 RELCO SC 480 S53993 80W 225V – for reservation.

https://www.krealo.es/a/arrancador-cebador-sc480-s53993

12 .- Two – one for reservation - Tungstene Lamp. Lamp SOLUX 35004 MR16 12V 35W 4700K 24° (or 36°)

https://www.prozic.com/www2/info promo SOLUX35004 Lampes%20solux.html

13 .- It is already assembled in the NOU_T, but you need to know it exists. One LED diameter 4 mm. 5v DC . For pinhole retroillumination .

VERY IMPORTANT.- Before of all you need make same who an experienced mechanic, catch the NOU_T in your hands and see it very attently, try to guess how it is made, every part, every screw, one, twice, three or more times.. The same with every piece that you take out. You do not want run, keep calm and essay every movement once or twice.















































































