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[Top Laser Pointers by Power - 1 Watt+](#)

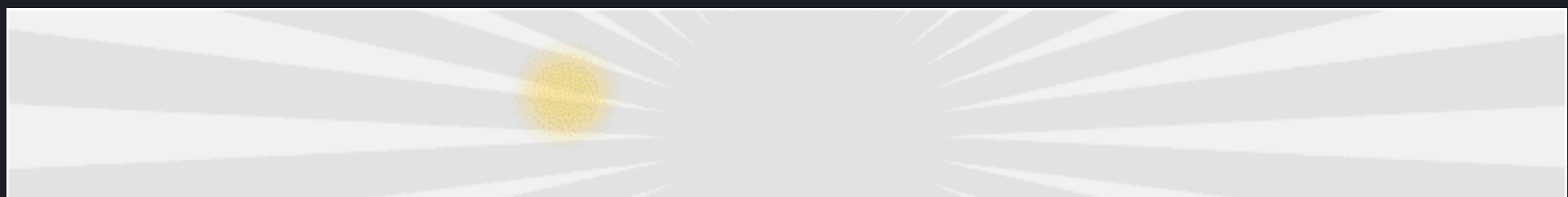
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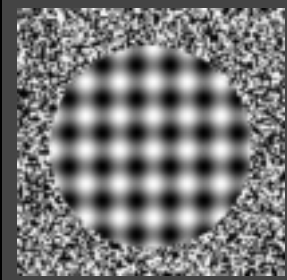


06-17-2014, 12:25 PM

jander6442

modder

extraordinaire



Join Date: Jan 2009

Location: Ft Myers FI




Posts: 2,995

Rep Power: 524

 [Dual 411nm 1335mW] 2D MAG with PBS cube & Newport mounts.

Belphegor

Goddess of Artful Invention

This is #2 in my line of dual builds and I went straight back to the 3.8mm package 411nm diodes , as a matter of fact 2 of them.  Let me show you that the camera does not show how awesome the color is on this unit it really looks a creamy violet to me almost white 

Straight to beam shots

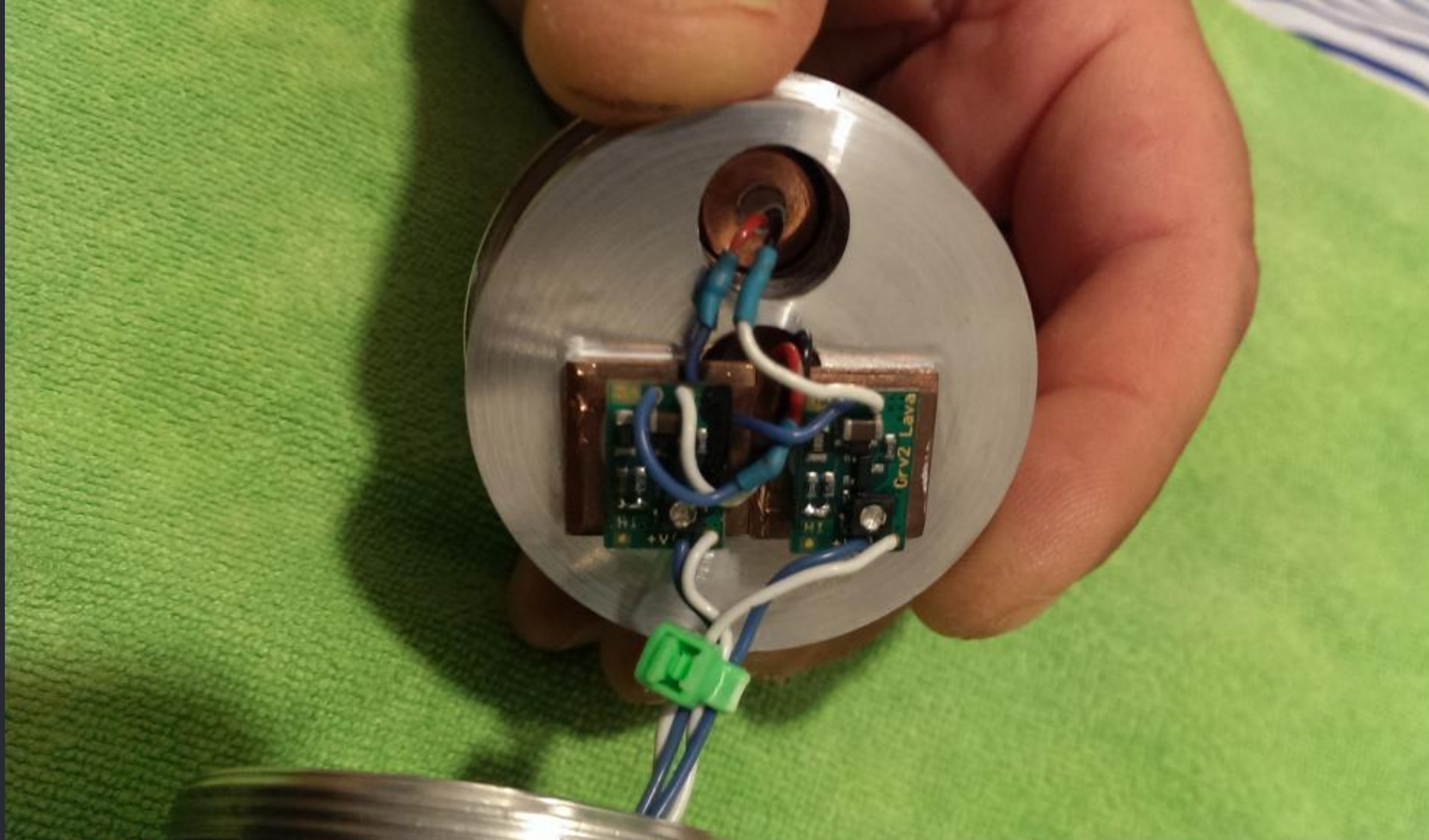




Great pic of those sugar sweet Newports .05" mounts. 🎄 🌲 🌲



Pretty straight forward I used 2 Groove 2 drivers as I mounted them on some copper pads. I chose the Groove driver, well just because I had so many already going on that I did not want to chance any malice to those honey suckle diodes. 🤪 🎄



The secret here are the mounts 🤔 This was way easy to align... NO... way fun to align 🤖 I must have had to do it 20X on this build and it literally only 2 to 3 minutes each time to get the beamz matched up.





As I finished the build I wrapped it up in an acrylic sleeve with a "end cap" this way it becomes compartmental, this aids in being able to adjust and down the unit as needed.





The diodes are being driven 1 @550mA the other @556mA and both diodes output was over 850mW for power. Everyone love GITD decals 🤖



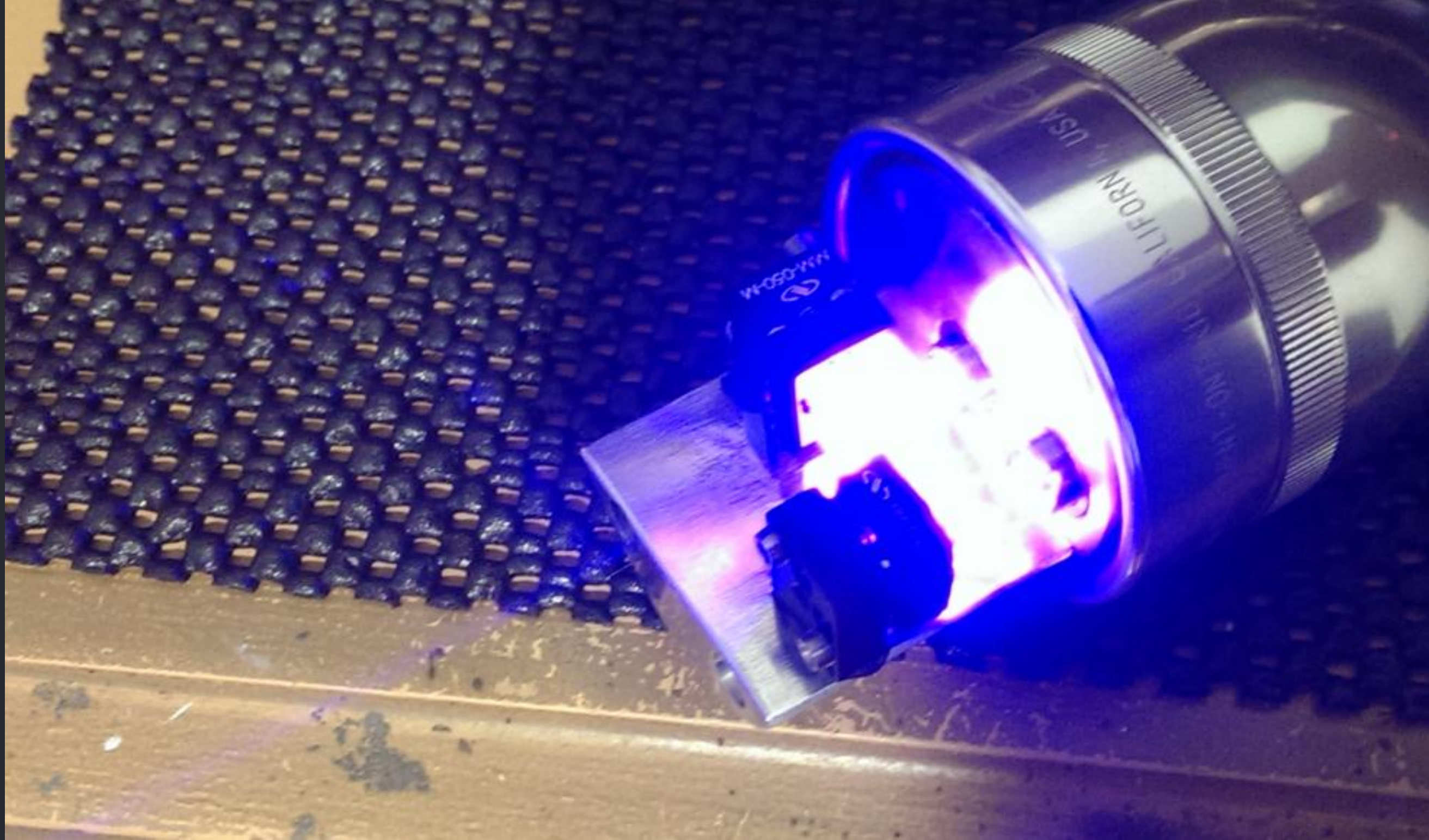


After each diode passing through a lens and either a dichro or a cube there were some substantial losses. I can say that this thing is a massive burn
is a very dangerous HH it will smoke anything in its path almost like a laserpen supersharp it burned the crap out of my fingers many times. 🤢🔥
That's right 1335mA well over 1W of gorgeous 411nm sweetness



Some closing pics







Thank you for looking I hope this build proves to be some eye candy for those who dwell here. ^{THANKS} 🙏 and if you have any questions just ask. As I always say get out there and build one. Thanks again.-jander6442

sAik M-140 foulmist boost "The Real Original Burner" as stated by my son



sAik 12x SO6J 842mW microboost



Dry 9mm 2.3W @1.829mA



The "Fire Farter"



Got butthurt feelings during a post... IF your new, read this.

DN

✖

will manners
Class 2 Laser



Join Date: May 2013
Location: NSW, Australia
Posts: 498
Rep Power: 115
■■■■■■■■■■

ON

Re: [Dual 411nm 1335mW] 2D MAG with PBS cube & Newport mounts.

You are indeed the *Modder Extraordinaire* 🐱👉👈🤖

Your V2 build looks absolutely stunning Jander 🤖 I especially like that you left the guts of it exposed. Makes you really appreciate the time and knowledge that went into creating such a masterpiece 🏆

gotta love australian laws

Laser collection:
[405nm '1mW' ebay pen](#)
[445nm 3W 9mm MS-SSW](#) build thread
[532nm 30mW ebay pen](#)
[532nm 50mW 303 ebay laser](#) gallery
[1W 638nm MS-V1](#)
[650nm '1mW' ebay pen](#)

SkyRay King 3 XML-U2, Ultrafire C20 XML T6, MXDL pen

Our greatest glory is not in never falling, but in rising every time we fall.
Confucious

Eagle Pair 190-540nm Laser Safety Goggles

QUOTE

BowtieGuy
Class 2M Laser



Join Date: Oct 2012
Location: S.E. Michigan U.S.A.
Posts: 712
Rep Power: 160
■■■■■■■■■■

OFF

Re: [Dual 411nm 1335mW] 2D MAG with PBS cube & Newport mounts.

A truly great build jander! 🤖

Your trademark see through acrylic sleeve really sets these dual diode builds apart from the crowd. A very professional looking job!



Nice eye candy indeed! +rep

[405nm 58mW pen](#)
[445nm DIY Build "Ole Blue" \(2.8W+\)](#) -link-
[445nm 1.3W JETLASERS PL-E \(1.5W\)](#)
[532nm 500mW JETLASERS PL-E \(754mW\)](#)
[532nm 150mW Optotronics pen \(159mW\)](#)
[532nm 100mW JETLASERS TI-B \(161mW\)](#)
[532nm 5mW "Eclipse" mints tin \(54mW\)](#) -link-
[589nm 80mW CNI PGL-III-C \(154mW\)](#)
[638nm Modified JETLASERS TI-B \(232mW\)](#) -link-
[638nm Build in sinner's "MS-SSW Stubby" \(1.25W\)](#) -link-
[650nm <5mW Build, focusable](#) -link-
[650nm <5mW pen \(2\)](#)

LK-3D Projector

5W Ophir/dmm LPM

Last edited by BowtieGuy; 06-17-2014 at 03:12 PM.

QUOTE

madmacmo
Class 1M Laser



Join Date: Dec 2009
Location: No Vacancy
Posts: 219
Rep Power: 378
■■■■■■■■■■

Re: [Dual 411nm 1335mW] 2D MAG with PBS cube & Newport mounts.



Belphegor
Goddess of Invention

DN

QUOTE

06-17-2014, 04:28 PM

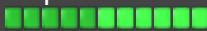
#5

Smeerworst

Class 3R Laser



Join Date: Mar 2011
Location: Netherlands
Posts: 1,455
Rep Power: 229



DN

 **Re: [Dual 411nm 1335mW] 2D MAG with PBS cube & Newport mounts.**

Ohhhh my If you ever need cash 🤖 just pm me ^^..

Love that build!
Would love to have one of these....
Guess i found something new to dream about tonight.

Cheers, Sm.

Too much to list all.

Lazeerer custom polished L6 porcupine build 3.8mm 405nm 1W
Dragonlaser Spartan 405nm 300mW Polished
SKYlasers HL405 405nm 550mW
Wicked Lasers Sonar Elite Pro (Blu-Ray, 20mW)
2x Dragonlaser Spartan 447nm 1.1W with Beam Expander
TrustFire Cree Z5 2W+ 445nm Custom build
Blord build Big Boy 3W 445nm
Wicked Lasers S3 Arctic 445nm 1.25W
Ultrafire C3 host Osram 450nm 180mW single mode
Optotronics RPL-B 473nm peak@112mW viasho upgraded
Wicked Lasers S3 473nm portable 112mW LE
473nm >300 Lab laser
1.4W 520nm - The Hulk - MS-SSW-II Custom Direct Green DTR
SKYlasers PL520 520nm 80mW
Laserglow Hercules-650 532nm 850mW 777mW avg
Optotronics 450 RPL-G 532nm >570mW peak
Wicked Lasers Krypton 1W 532nm avg 997mW pk 1268mW
Jetlasers PL-E Pro >800mW
Laserglow Rigel HV PRO-50 589nm 95.1mW
CNI PGL III C >80mW 589nm
LaserGlow Rigel 6 593.5nm 8mW
Wicked Lasers Spyder II RX (Limited Edition, >300mW) 600mW peak
RHD build SH-032 host 635nm 500mW
RHD build Red Bulldog 638nm 1W+
Dragonlaser Spartan 640nm 100mW
SKYlasers PL650 650nm 1W
RGB and RGY Scanner 1.5W
Flashlights: HID Polaron PH-40, LED Olight SR-90

QUOTE

06-17-2014, 04:52 PM

#6

RayJay
Class 1M Laser



Join Date: May 2014
Location: I come from a land down under!
Posts: 188
Rep Power: 11

OFF

Re: [Dual 411nm 1335mW] 2D MAG with PBS cube & Newport mounts.

Droool.... Wow. So beautiful. Where can i get one of those heads for the dual diodes?

405nm 800mW custom stolen
405nm 250mW customstolen
445nm 3602mW "The Desolator" stolen
445nm 2810mW custom
445nm 2106mW custom stolen
445nm 1600mW C6 stolen
473nm 13mW Penstolen
520nm 200mW C3
532nm 323mW custom stolen
532nm 606mW WarnL Storm stolen
593.5nm 8mW rigel6stolen
638nm 420mW customstolen
650nm 756mW customstolen
808nm 2604mW customstolen
Ophir 20c hooked up to multimeter stolen

All "custom's" are made by me. 😊stolen* All taken in break in

QUOTE

06-17-2014, 09:38 PM

#7

IsaacT
Class 4 Laser



Join Date: Aug 2010
Location: Austin, TX
Posts: 5,382
Rep Power: 404

ON

Re: [Dual 411nm 1335mW] 2D MAG with PBS cube & Newport mounts.

Where did you get 411nm diodes??? I would love to get some high wavelength purp for a build. I love the beam combining you did, looks super slick! And the Acrylic is exactly what I have been considering for a 400mW 532nm Custom job soon. I want all the processes exposed!

CURRENT PROJECT

445nm - 6W "The Adegan Relic"
Estimated Cost: \$600
Estimated Completion Date: DELAYED

PROJECT ON DECK

405nm/660nm - 800mW "The Alchemyst's Stone"
Estimated Cost: \$250
Estimated Completion Date: TBD

ALL MY BUILDS/REVIEWS HERE

"This is the weapon of a Jedi Knight.
Not as clumsy or random as a blaster;
an elegant weapon for a more civilized age."
- Kenobi

MY BEST BUILDS

[Aquarius](#) | [Frost](#) | [Ivy](#)

QUOTE

06-17-2014, 09:41 PM

#8

ChaosLord
Class 2 Laser



Join Date: Feb 2013
Location: Louisville, KY
Posts: 434
Rep Power: 63

ON

Re: [Dual 411nm 1335mW] 2D MAG with PBS cube & Newport mounts.

That is just awesome! And you make it sound so easy...

+rep good sir!

405nm SkyLaser PL 300-500 - ~500mW (523mW);| SkyLaser LP 5-80 - 5mW
405nm SkyRay 12X S06J w/450mA microboost - 485mW
445nm ZeroLaser 2x18650 host 9mm w/2.3A X-drive - 2.8W;| Trustfire A8 9mm w/2.4A X-drive - "The Sentinel" ~3W;| Blord 501B build - 2.1W
445nm JetLasers PL-E - ~1.25W (1.32W)
450nm Osram PLTB450 in Survival laser S4 host - 1.48W
450nm Osram PL450B with ~280mA microboost in C6 host - 235mW Build here
473nm CNI lab 40mW
520nm PL520 w/300mA x-boost in S4 host - 102mW Build here
532nm JetLasers Ti-B - 100mW (151mW)
589nm Dragonlasers Spartan 50mW
638nm Mits module in Survival laser C6 host custom build - 677mW;| Opnext single mode 290mA x-drive in SL Steel C6 host w/extended copper HS - 230mW
650nm copper module in C6 host - ~300mW (230mW) Build here
650nm module in custom host - ~300mW (224mW) "LiL Red Eye" Build Here

Bluefan basic LPM Mark II 4W

QUOTE

06-17-2014, 11:08 PM

#9

Wmacky
Class 1M Laser

Join Date: May 2014
Location: Middleburg Florida
Posts: 101
Rep Power: 4

ON

Re: [Dual 411nm 1335mW] 2D MAG with PBS cube & Newport mounts.

A fantastic build!

Last edited by Wmacky; 06-18-2014 at 12:05 PM.

QUOTE

06-17-2014, 11:10 PM

#10

IsaacT
Class 4 Laser

Re: [Dual 411nm 1335mW] 2D MAG with PBS cube & Newport mounts.

BTW a +4 rep to you for the hilarious thread tag of "Dave please give us reps" lol. Cracked me up.

CURRENT PROJECT



Join Date: Aug 2010
Location: Austin, TX
Posts: 5,382
Rep Power: 404

ON

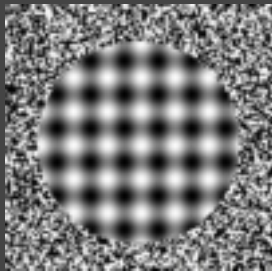
445nm/6W "The Adegan Relic"
Estimated Cost: \$600
Estimated Completion Date: DELAYED
PROJECT ON DECK
405nm/660nm - 800mW "The Alchemyst's Stone"
Estimated Cost: \$250
Estimated Completion Date: TBD
ALL MY BUILDS/REVIEWS HERE
"This is the weapon of a Jedi Knight.
Not as clumsy or random as a blaster;
an elegant weapon for a more civilized age."
- Kenobi
MY BEST BUILDS
[Aquarius](#) | [Frost](#) | [Ivy](#)

QUOTE

06-17-2014, 11:18 PM

#11

jander6442
modder extraordinaire



Join Date: Jan 2009
Location: Ft Myers Fl
Posts: 2,995
Rep Power: 524

ON

Re: [Dual 411nm 1335mW] 2D MAG with PBS cube & Newport mounts.

Quote:

Originally Posted by **IsaacT** :
BTW a +4 rep to you for the hilarious thread tag of "Dave please give us reps" lol. Cracked me up.

Waiting for someone to pick that up u should see some of my other tags from the past.

[sAik M-140 foulmist boost "The Real Original Burner" as stated by my son](#)



[sAik 12x SO6J 842mW microboost](#)



[Dry 9mm 2.3W @1.829mA](#)



[The "Fire Farter"](#)



Got butthurt feelings during a post... IF your new, read this.

QUOTE

06-18-2014, 12:04 AM

#12

Cyparagon
Class 4 Laser



Join Date: Sep 2007
Location: Wisconsin
Posts: 7,356
Rep Power: 591

ON

Re: [Dual 411nm 1335mW] 2D MAG with PBS cube & Newport mounts.

Quote:

Originally Posted by **IsaacT** :
Where did you get 411nm diodes???

Most high power violet tends to be in that range. I've seen violet range from 403-417nm, and I've only measured maybe 5 diodes. The wavelength depends on the diode, the temperature, and the drive current.

A problem well stated is a problem half solved.

QUOTE

06-18-2014, 12:26 AM

#13

crazyspaz
Class 3R Laser

Re: [Dual 411nm 1335mW] 2D MAG with PBS cube & Newport mounts.

Ah, a welcome change from the usual multi 445 builds. Love being able to see a bit of the internals too, really gives this build a unique edge. Can't wait to see what the next build is in your dual-diode lineup 😊

[-450nm-150mW](#)
[-SkyLasers LP515 50mW](#)
[-532nm-50mW,75mW DIY, Skylasers HL300, 250mW CNI labby](#)



Join Date: Jul 2012
Location: IN, United States
Posts: 1,222
Rep Power: 124

ON

-638nm 450mW
-650nm-300mW DIY "Pocket burner"
-eBay RGB module 200mW

QUOTE

06-18-2014, 02:58 AM

#14

CDBEAM777

Class 2 Laser



Join Date: Feb 2010
Posts: 311
Rep Power: 132

ON

Re: [Dual 411nm 1335mW] 2D MAG with PBS cube & Newport mounts.

Jander....Truly a beautiful build !!!

The use of an Acrylic canopy is exactly to my liking !!

The incorporation of existing, off the shelf micro MM1's for PBC and steering mirror....again.....perfect !!

Another " Combiner " enters the arena !!!

MMMmmm...First....a trickle....then....a small stream....then....a small creek...THEN.... A RIVER.....The " Combiner " class will grow and grow !!!

Great review !!! Thanx for sharing !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

"Combiners"....RULE !!!

Lite'em Up CDBEAM=====>

Last edited by CDBEAM777; 06-18-2014 at 01:54 PM.

QUOTE

06-18-2014, 11:35 PM

#15

Hemlock_Mike

Class 4 Laser



Join Date: Jan 2007
Location: just Iowa
Posts: 5,936
Rep Power: 280

ON

Re: [Dual 411nm 1335mW] 2D MAG with PBS cube & Newport mounts.

I really like the "skylight"!!!
Good to show others the way.
HMike

Stop pi\$ing like a puppy, Sherman!!

QUOTE

06-19-2014, 01:26 AM

#16

CDBEAM777

Class 2 Laser



Join Date: Feb 2010
Posts: 311
Rep Power: 132

ON

Re: [Dual 411nm 1335mW] 2D MAG with PBS cube & Newport mounts.

Quote:

Originally Posted by **Hemlock_Mike** :
*I really like the "skylight"!!!
Good to show others the way.
HMike*

Oh....No...I'm gonna "Piss lika Puppy".....the " Dragon's Head" build was the first to incorporate a " Skylight "....to show off the beauty of the internal workings....See Now Completed Optically Corrected P73 HH Design....

SO....I lay claim to that little ditty....But....I DO think it is a great way to illustrate/Show off the internals
!!!!....Mmmm....Wah, Wah !!!

Lite'em Up CDBEAM=====> 🎅🎅🎅

Lite'em Up CDBEAM=====>

TRIDENTIS BUILD-Three (3) 445 Combiner-Knife edge
DRAGON'S HEAD BUILD-Optically corrected P73
LAWGIVER II BUILD-Dual C-Mount(Waiting for drivers)

QUOTE


Tags


dave give us some reps, dual laser, high power, mag-lite

Database of Laser Pointer Companies


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All times are GMT. The time now is 03:13 AM.