

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

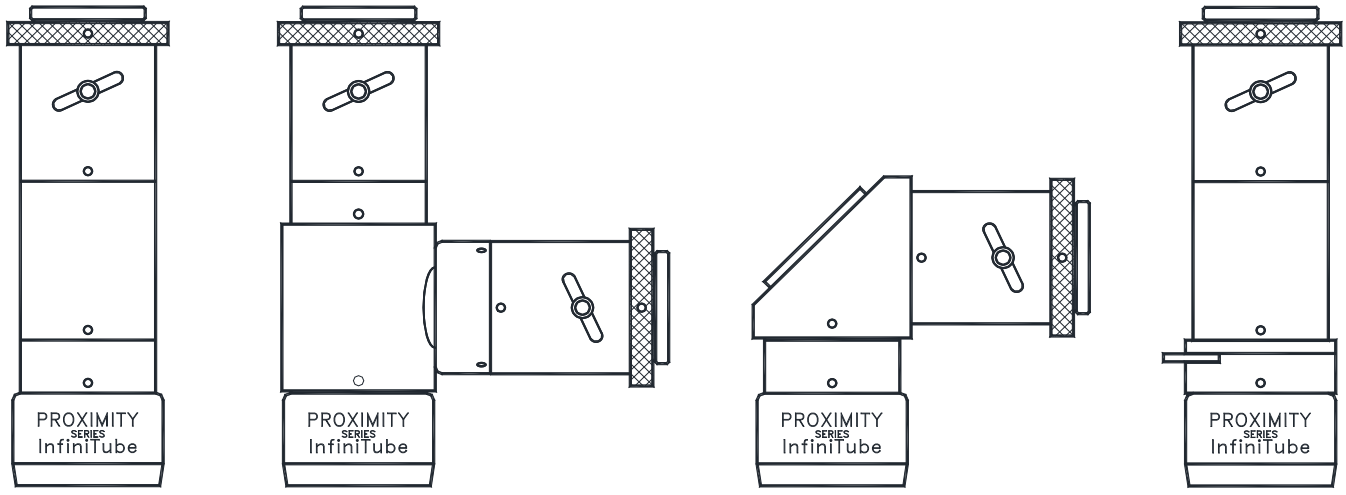
- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

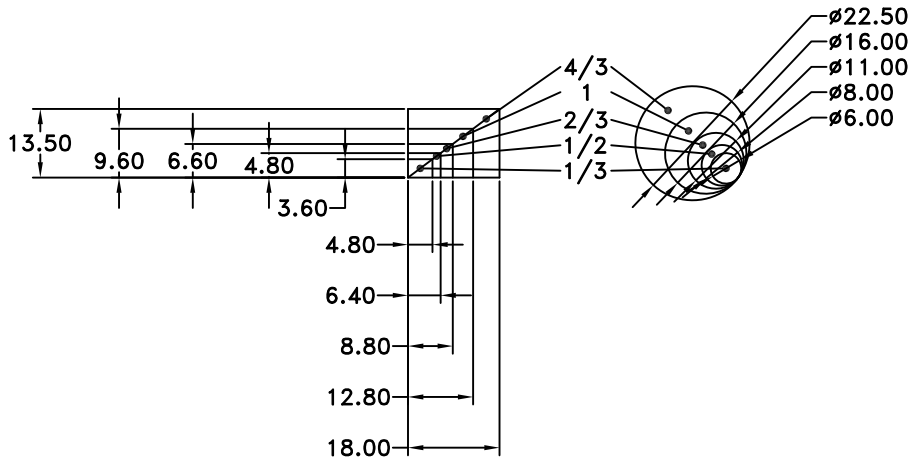
PROXIMITY SERIES:
InfiniTube™ In-Line Assembly™
Standard Series

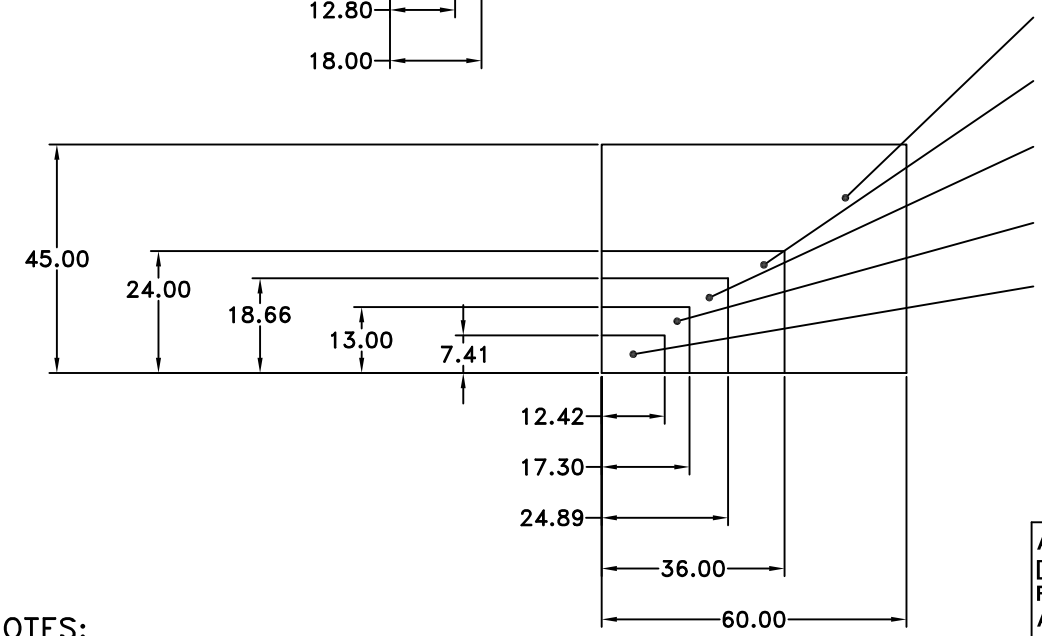


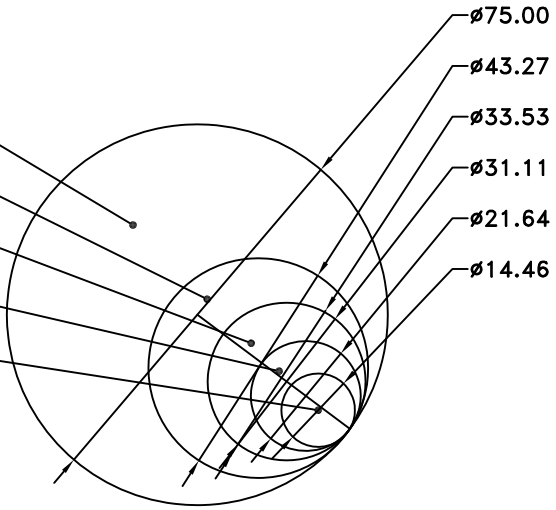
INFINITY **Photo-Optical Company** • *Manufacturers of precision optical instruments.*
7108-D S. Alton Way, Centennial, CO 80112 • Tel: (303) 440-4544 • Fax: (303) 440-4144 • E-mail: info@infinity-usa.com • Web: www.infinity-usa.com

Copyright 2021 Infinity Photo-Optical Company. All Rights Reserved.

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED





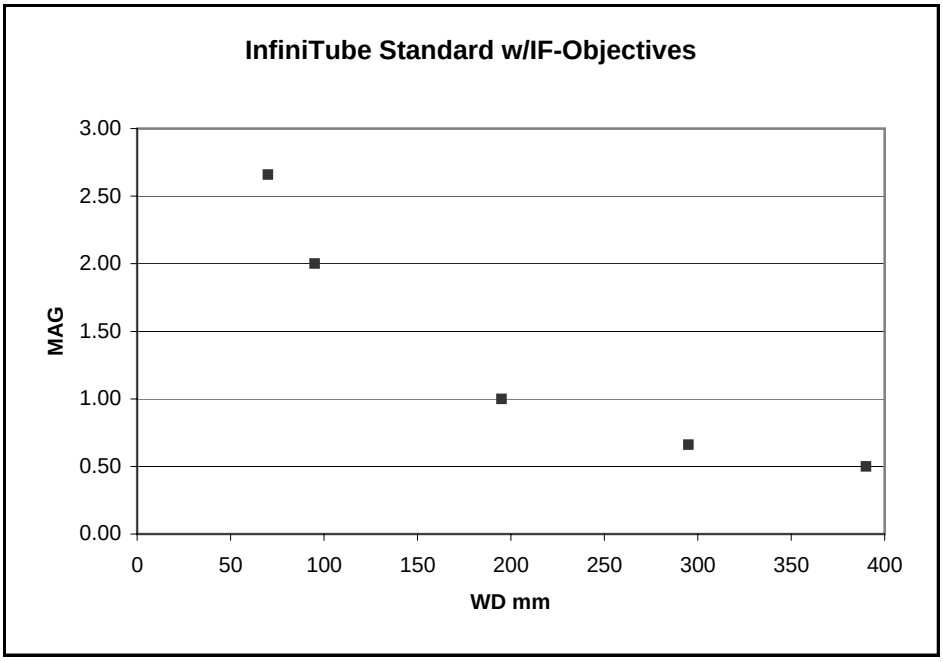


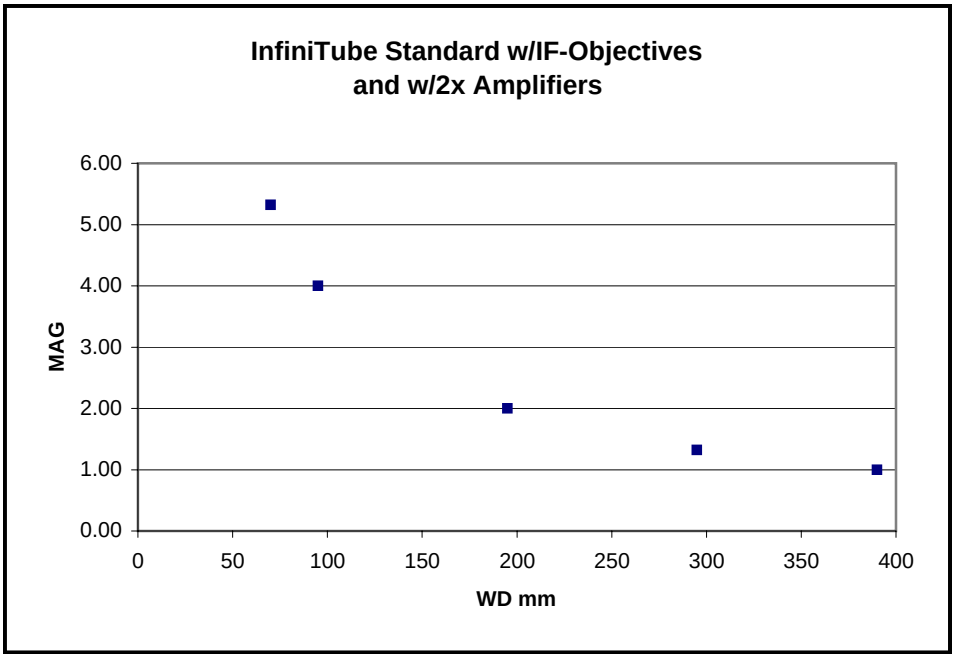
NOTES:
1. SENSOR SIZE & IMAGE CIRCLE IN MILLIMETERS.

ALL DIM ARE mm [inches] AND ARE FOR REFERENCE ONLY AND ARE SUBJECT TO CHANGE.	INFINITY Photo-Optical Company www.infinity-usa.com			
	SENSOR SIZE AND IMAGE CIRCLE			
Date: 08/27/21 MB	SIZE B	FSCM NO.	DWG NO. -	REV -
Modified:	SCALE 1:1	-	SHEET 1 OF 1	

INFINITUBE STANDARD w/IF-OBJECTIVES

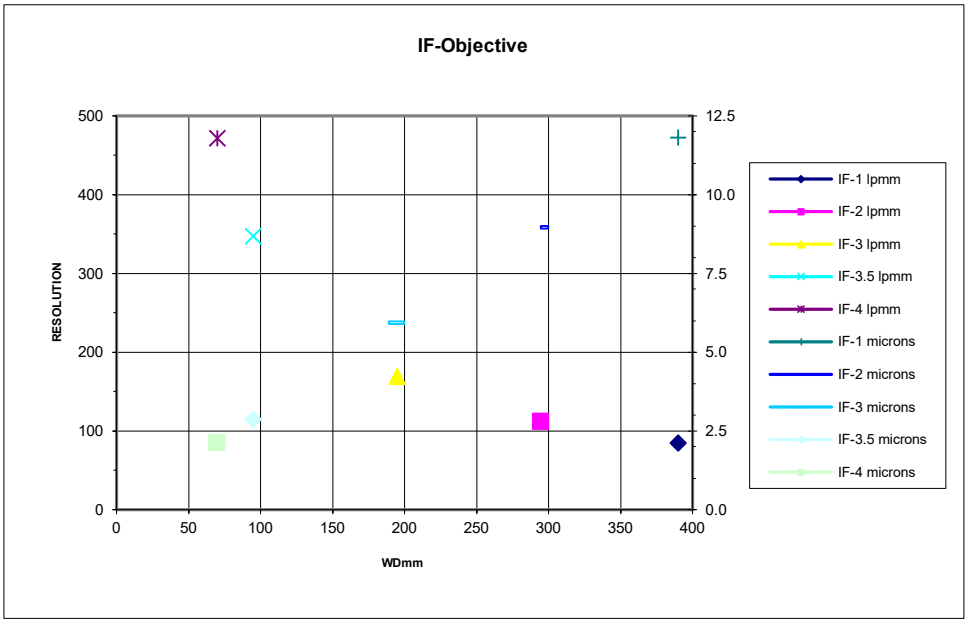
InfiniTube Standard		IF-1	IF-2	IF-3	IF-3.5	IF-4
Direct	**WD mm**	390	295	195	95	70
	Mag	0.50	0.66	1.00	2.00	2.66
	FOV 1/2"	12.80	9.70	6.40	3.20	2.41
	FOV 1/3"	9.60	7.27	4.80	2.40	1.80
2x Amplifier	**WD mm**	390	295	195	95	70
	Mag	1.00	1.32	2.00	4.00	5.32
	FOV 1/2"	6.40	4.85	3.20	1.60	1.20
	FOV 1/3"	4.80	3.64	2.40	1.20	0.90

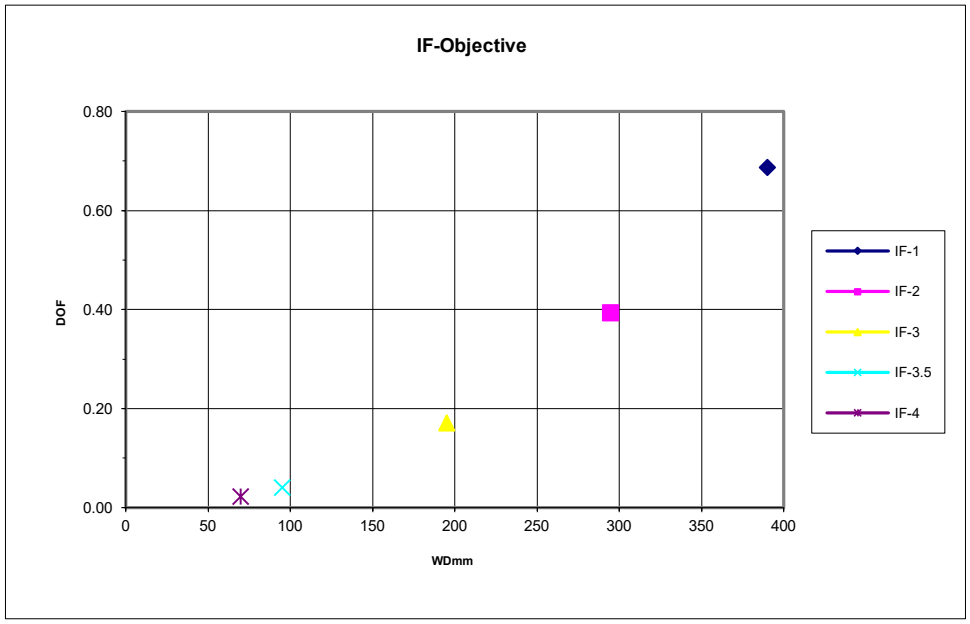




IF-Objective OPTICAL RESOLUTION DATA

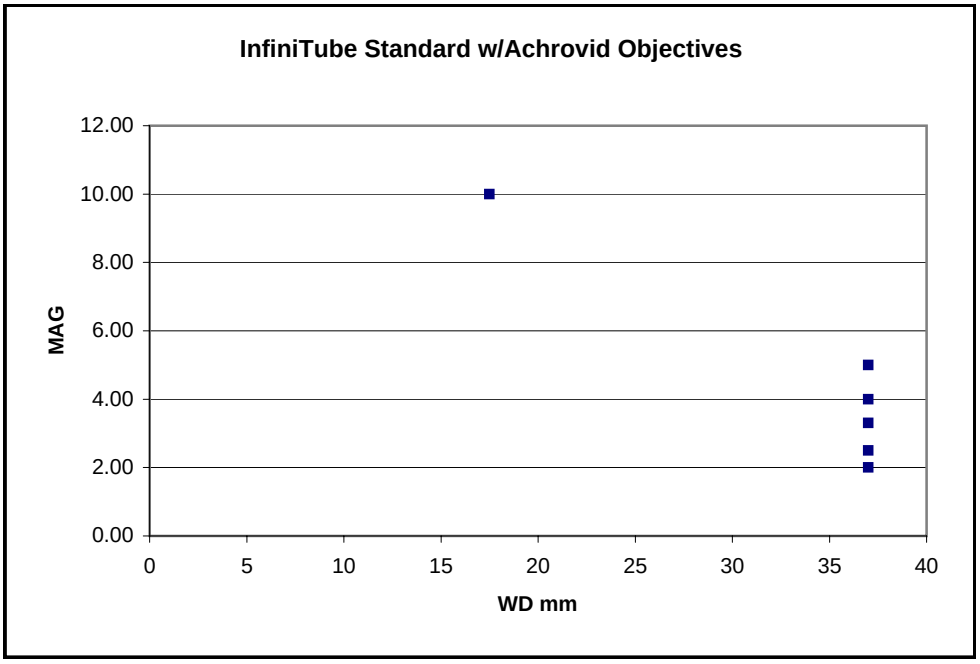
IF-Objectives	IF-1	IF-2	IF-3	IF-3.5	IF-4
WDmm	390	295	195	95	70
MAG	0.50	0.66	1.00	2.00	2.66
NA	0.028	0.037	0.056	0.116	0.157
Resolution (lpmm)	85	112	169	347	471
Resolution (microns)	11.8	8.9	5.9	2.9	2.1
DOFmm	0.69	0.39	0.17	0.04	0.022

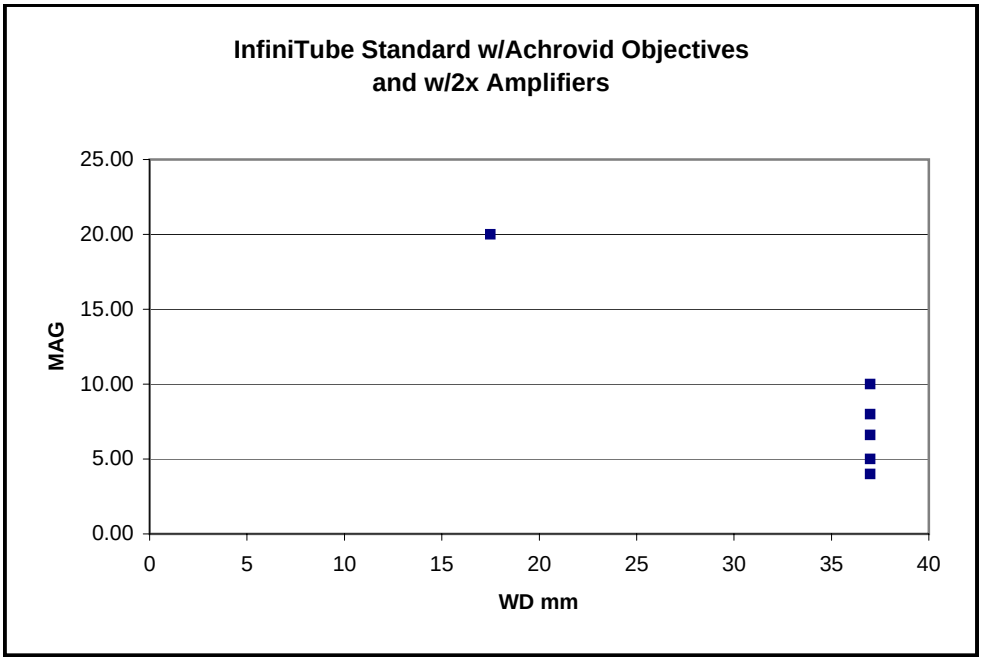




INFINTUBE STANDARD w/ACHROVID OBJECTIVES

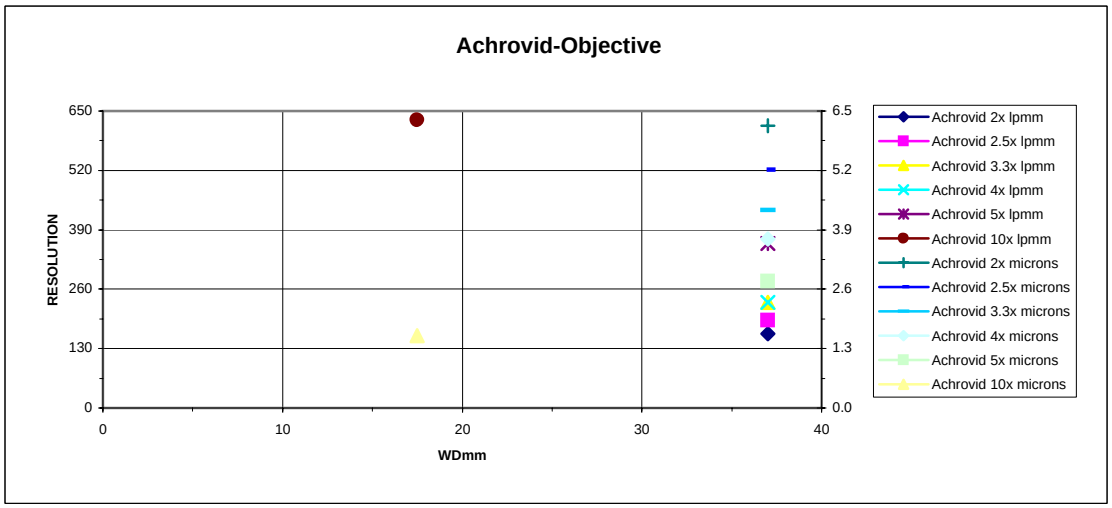
InfiniTube Standard		Achrovid 2x	Achrovid 2.5x	Achrovid 3.3x	Achrovid 4x	Achrovid 5x	Achrovid 10x
Direct	**WD mm**	37	37	37	37	37	17.5
	Mag	2.00	2.50	3.30	4.00	5.00	10.00
	FOV 1/2"	3.20	2.56	1.94	1.60	1.28	0.64
	FOV 1/3"	2.40	1.92	1.45	1.20	0.96	0.48
2x Amplifier	**WD mm**	37	37	37	37	37	17.5
	Mag	4.00	5.00	6.60	8.00	10.00	20.00
	FOV 1/2"	1.60	1.28	0.97	0.80	0.64	0.32
	FOV 1/3"	1.20	0.96	0.73	0.60	0.48	0.24

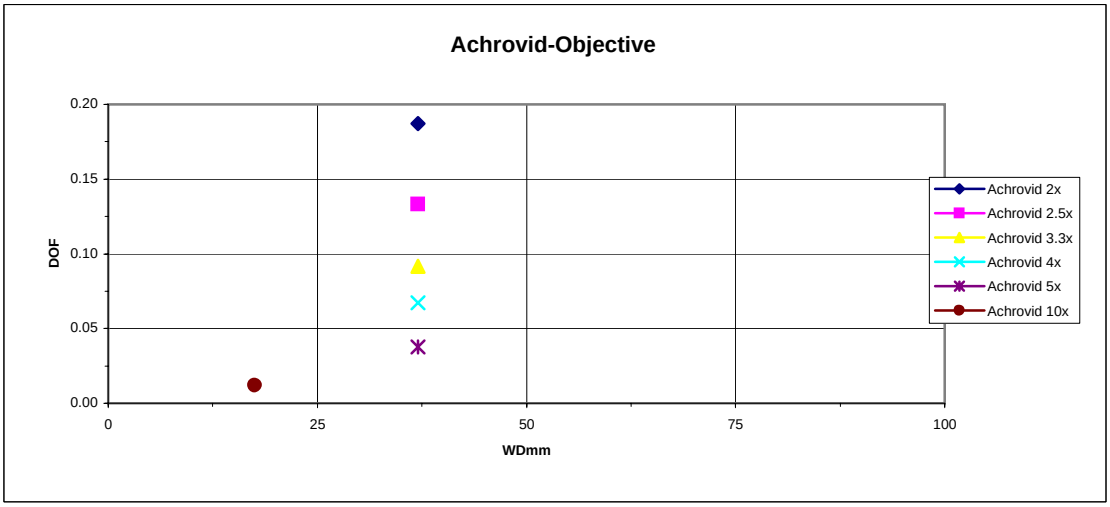




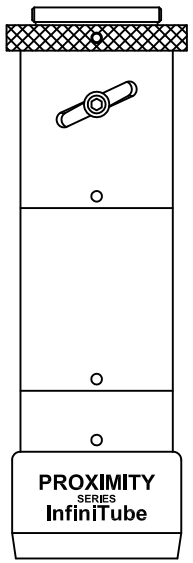
Achrovid-Objectives OPTICAL RESOLUTION DATA

Achrovid-Objectives	2x	2.5x	3.3x	4x	5x	10x
WDmm	37	37	37	37	37	17.5
MAG	2.00	2.50	3.30	4.00	5.00	10.00
NA	0.054	0.064	0.077	0.09	0.12	0.21
Resolution (lpmm)	162	192	231	270	360	630
Resolution (microns)	6.2	5.2	4.3	3.7	2.8	1.6
DOFmm	0.19	0.13	0.09	0.07	0.04	0.01

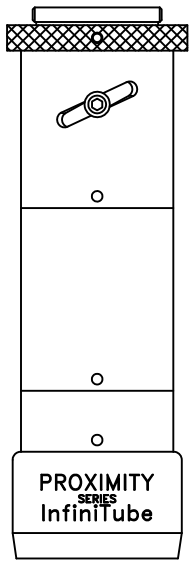




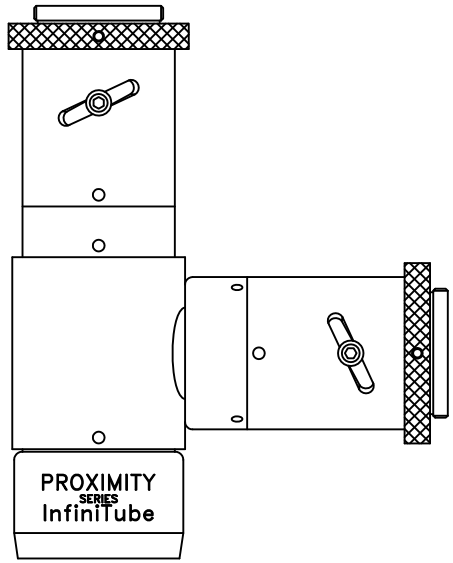
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



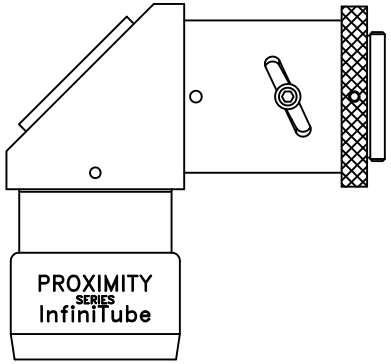
INFINITUBE
STANDARD



INFINITUBE-Z
1.25x



INFINITUBE
DUAL-PORT 1x



INFINITUBE
RIGHT ANGLE

ALL DIM ARE mm [inches] AND ARE FOR REFERENCE ONLY AND ARE SUBJECT TO CHANGE.

Date: 04/09/01 MB

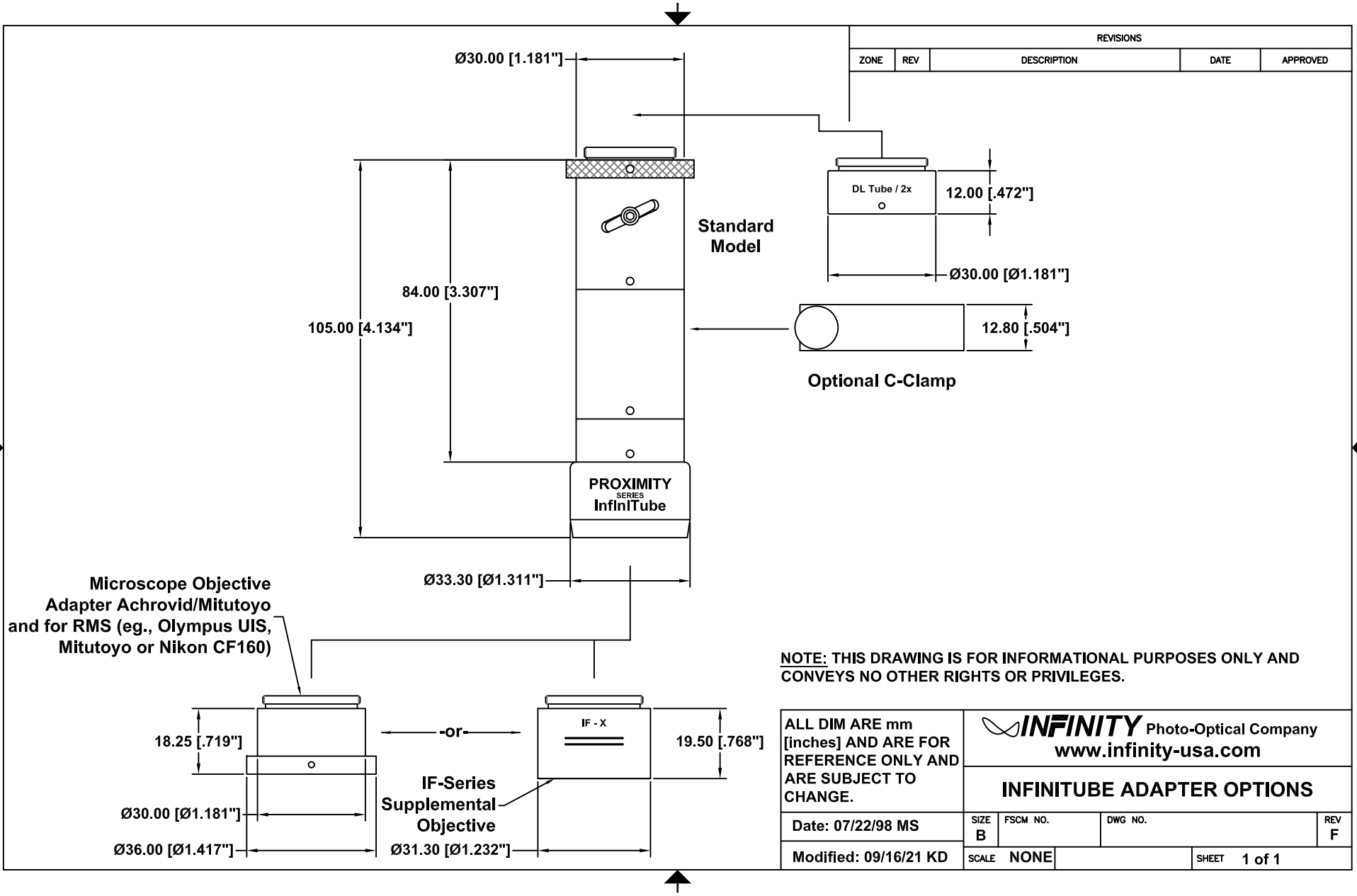
Modified: 05/12/05 JM

INFINITY Photo-Optical Company
www.infinity-usa.com

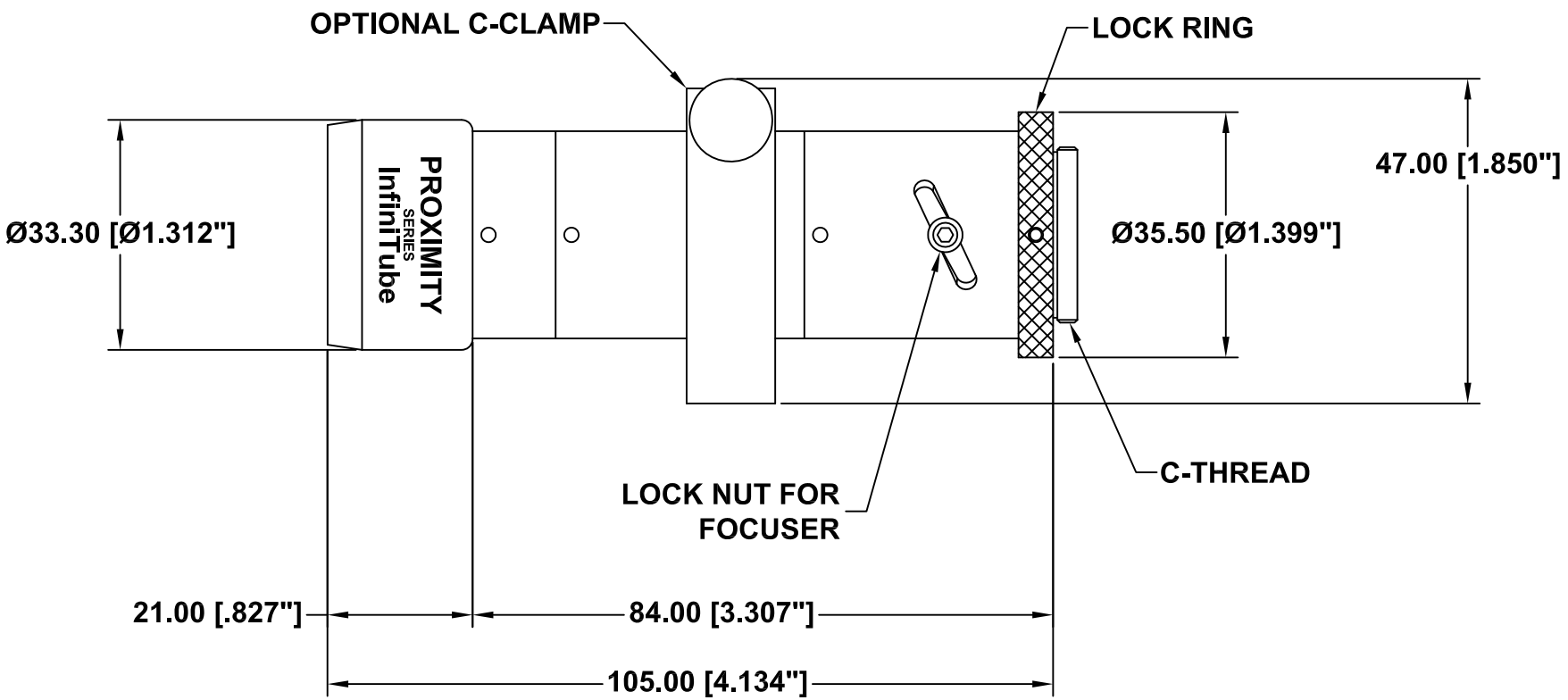
INFINITUBE STANDARD TYPES

SIZE	FSCM NO.	DWG NO.	REV
B		-	E

SCALE			SHEET
NONE		-	1 OF 1


REVISIONS
ZONE
REV
DESCRIPTION
DATE
APPROVED
Ø30.00 [1.181"]
DL Tube / 2x
12.00 [.472"]
Standard Model
Ø30.00 [Ø1.181"]
84.00 [3.307"]
105.00 [4.134"]
12.80 [.504"]
Optional C-Clamp
PROXIMITY SERIES InfinITube
Ø33.30 [Ø1.311"]
Microscope Objective Adapter Achrovid/Mitutoyo and for RMS (eg., Olympus UIS, Mitutoyo or Nikon CF160)
18.25 [.719"]
-or-
IF - X
19.50 [.768"]
IF-Series Supplemental Objective
Ø30.00 [Ø1.181"]
Ø36.00 [Ø1.417"]
Ø31.30 [Ø1.232"]
NOTE: THIS DRAWING IS FOR INFORMATIONAL PURPOSES ONLY AND CONVEYS NO OTHER RIGHTS OR PRIVILEGES.
ALL DIM ARE mm [inches] AND ARE FOR REFERENCE ONLY AND ARE SUBJECT TO CHANGE.
Date: 07/22/98 MS
Modified: 09/16/21 KD
INFINITY Photo-Optical Company
www.infinity-usa.com
INFINITUBE ADAPTER OPTIONS
SIZE B
FSCM NO.
DWG NO.
REV F
SCALE NONE
SHEET 1 of 1

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



ALL DIM ARE mm [inches] AND ARE FOR REFERENCE ONLY AND ARE SUBJECT TO CHANGE.

Date: 06/07/01 MB

Modified: 07/27/04 MB

INFINITY Photo-Optical Company
www.infinity-usa.com

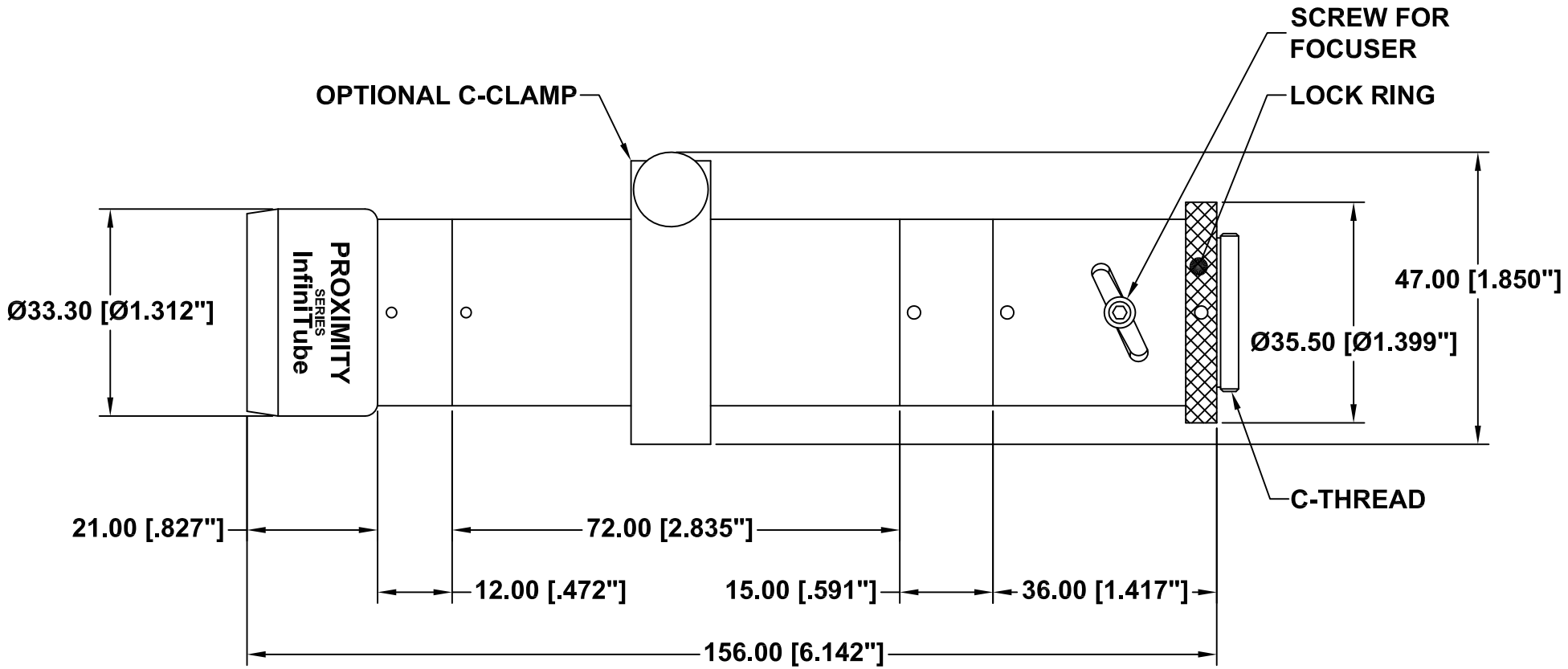
INFINITUBE™ STANDARD 1x

SIZE	FSCM NO.	DWG NO.	REV
A			C

SCALE NONE | SHEET 1 of 1

This drawing is for informational purposes only.
No other rights or privileges are granted or implied.

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



ALL DIM ARE mm [inches] AND ARE FOR REFERENCE ONLY AND ARE SUBJECT TO CHANGE.

Date: 06/15/20 MB

Modified:

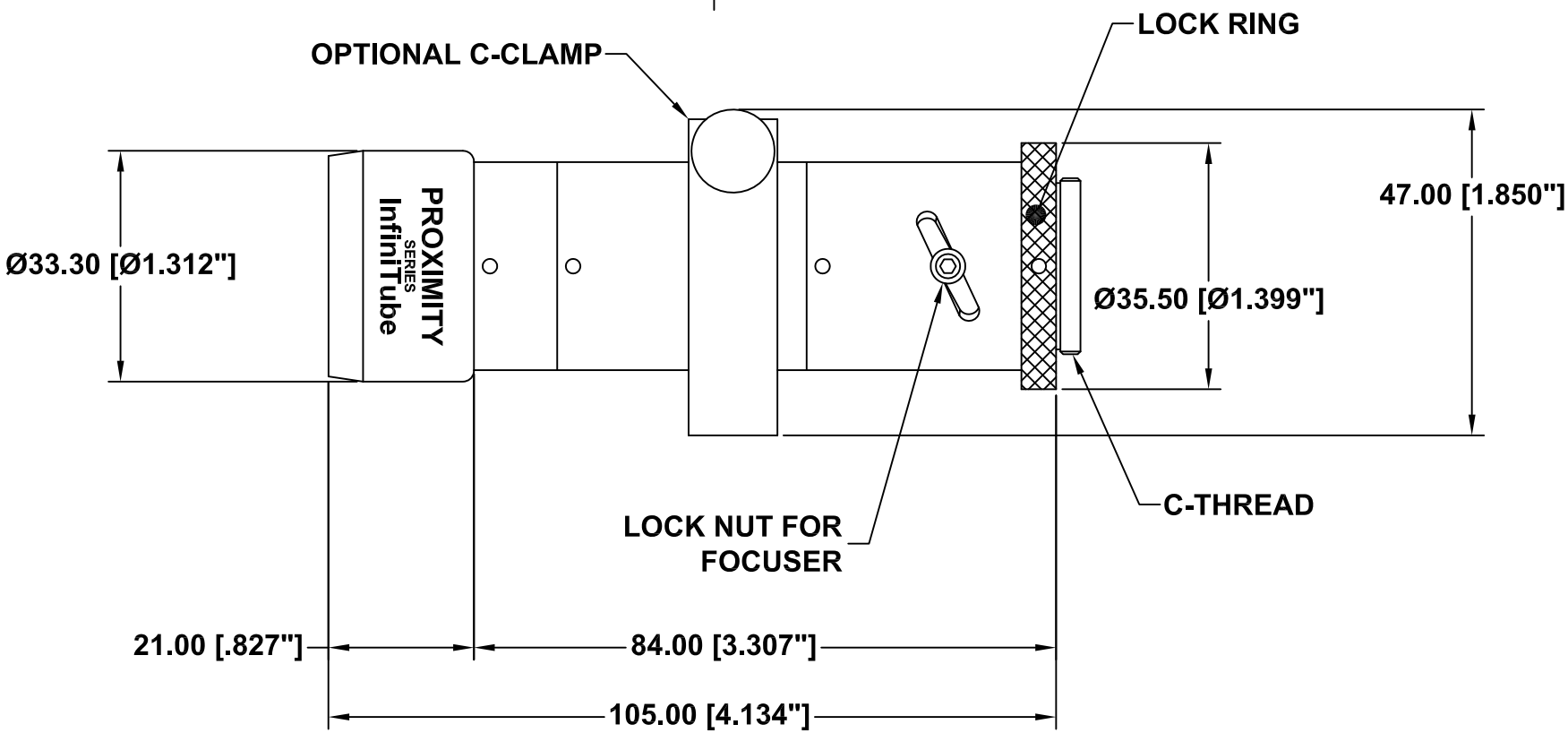
INFINITY Photo-Optical Company
www.infinity-usa.com

INFINITUBE™ STANDARD 1.5x

SIZE	FSCM NO.	DWG NO.	REV
A		210 215	-

SCALE NONE | SHEET 1 of 1

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



NOTE: THIS DRAWING IS FOR INFORMATIONAL PURPOSES ONLY AND CONVEYS NO OTHER RIGHTS OR PRIVILEGES.

ALL DIM ARE mm [inches] AND ARE FOR REFERENCE ONLY AND ARE SUBJECT TO CHANGE.

Date: 06/15/20 MB

Modified:

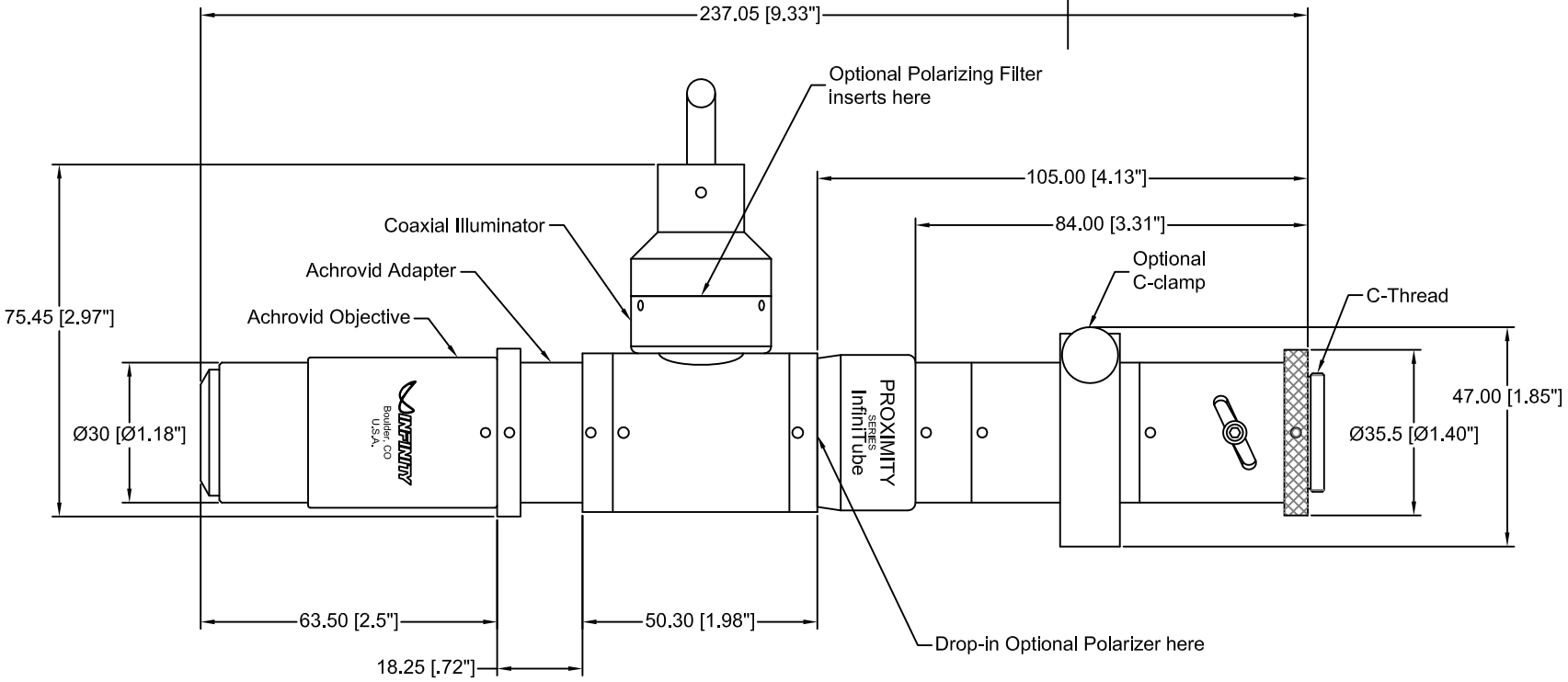
INFINITY Photo-Optical Company
www.infinity-usa.com

INFINITUBE™ Z
(PROVIDES 1.25x FACTOR W/ZEISS ICS OBJECTIVES)

SIZE	FSCM NO.	DWG NO.	REV
A		210 244	-

SCALE		SHEET
NONE		1 of 1

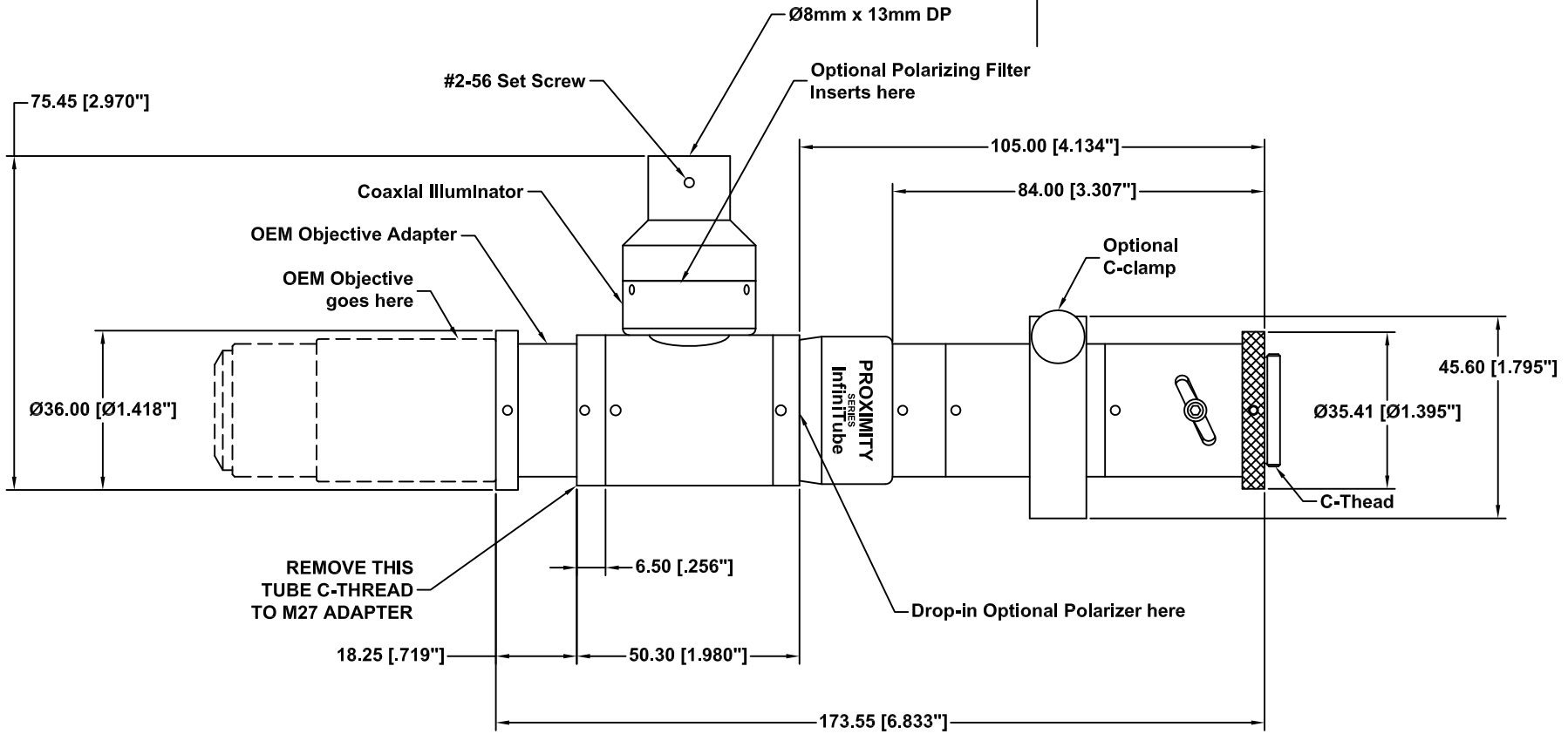
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



InfiniTube shown with Coaxial Illuminator, Achrovid Adapter and Achrovid Objective.

ALL DIM ARE mm [inches] AND ARE FOR REFERENCE ONLY AND ARE SUBJECT TO CHANGE.	INFINITY Photo-Optical Company www.infinity-usa.com
	INFINITUBE w/COAXIAL ILLUMINATOR
Date: 06/06/01 MB	SIZE B | FSCM NO. | DWG NO. - | REV B
Modified: 07/30/04 MB	SCALE NONE | - | SHEET 1 OF 1

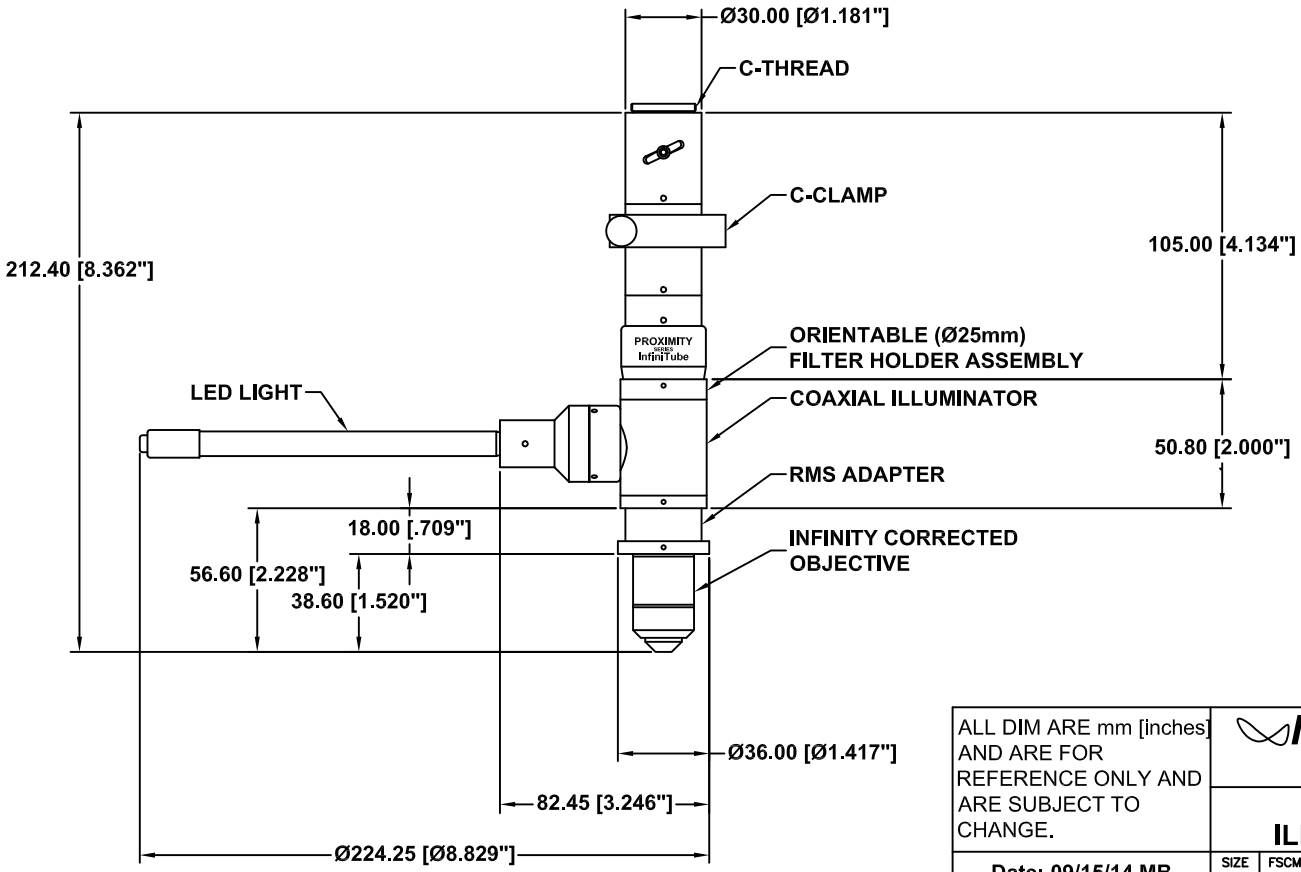
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



InfiniTube shown with Coaxial Illuminator, OEM Objective Adapter and OEM Objective.

ALL DIM ARE mm [inches] AND ARE FOR REFERENCE ONLY AND ARE SUBJECT TO CHANGE.	INFINITY Photo-Optical Company www.infinity-usa.com
	INFINITUBE w/BASIC COAXIAL ILLUM. FOR OEM OBJECTIVE
Date: 06/06/01 MB	SIZE B | FSCM NO. | DWG NO. - | REV C
Modified: 07/30/04 MB	SCALE NONE | - | SHEET 1 OF 1

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



ALL DIM ARE mm [inches] AND ARE FOR REFERENCE ONLY AND ARE SUBJECT TO CHANGE.

Date: 09/15/14 MB

Modified:

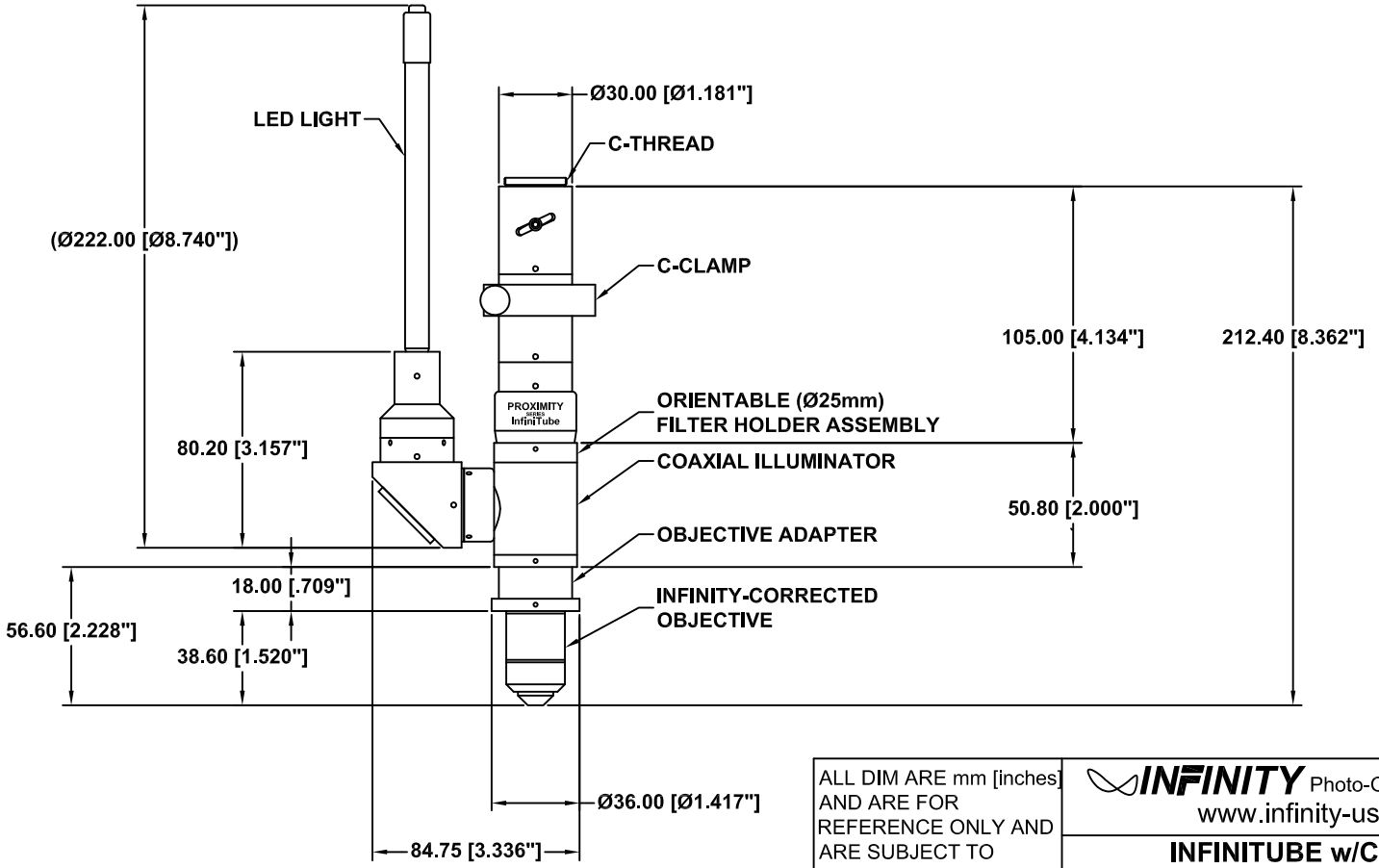
INFINITY Photo-Optical Company
www.infinity-usa.com

INFINITUBE w/COAXIAL ILLUMINATOR AND LED LIGHT

SIZE	FSCM NO.	DWG NO.	REV
B		-	-

SCALE	NONE	-	SHEET	1 OF 1

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



ALL DIM ARE mm [inches] AND ARE FOR REFERENCE ONLY AND ARE SUBJECT TO CHANGE.

Date: 09/15/14 MB

Modified:

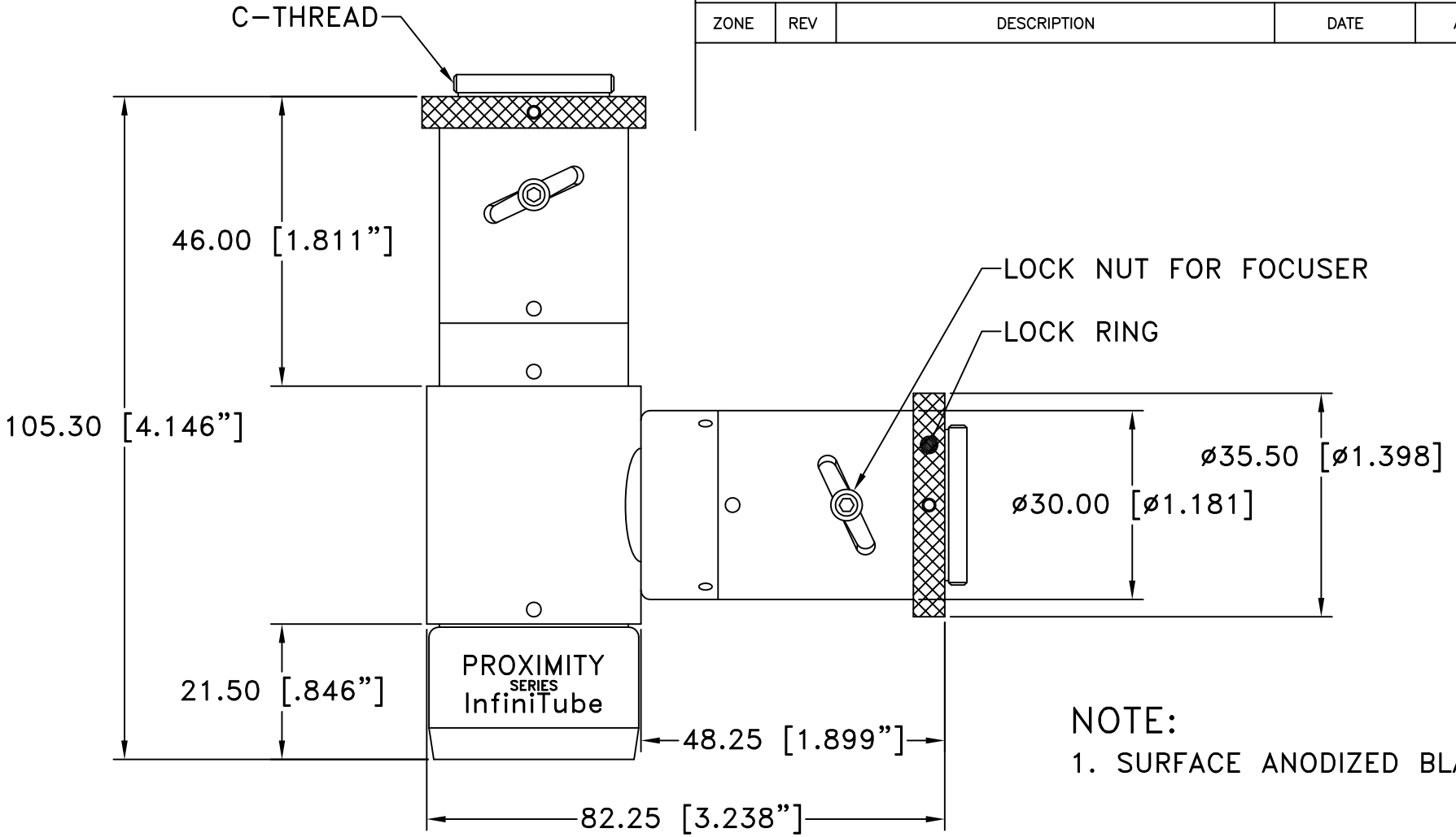
INFINITY Photo-Optical Company
www.infinity-usa.com

INFINITUBE w/COAXIAL ILLUMINATOR AND RA LED LIGHT

SIZE	FSCM NO.	DWG NO.	REV
B		-	-

SCALE	NONE	-	SHEET	1 OF 1

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



NOTE:
1. SURFACE ANODIZED BLACK.

NOTE: THIS DRAWING IS FOR INFORMATIONAL PURPOSES ONLY AND CONVEYS NO OTHER RIGHTS OR PRIVILEGES.

ALL DIM ARE mm [inches] AND ARE FOR REFERENCE ONLY AND ARE SUBJECT TO CHANGE.

Date: 07/29/04 MB

Modified:

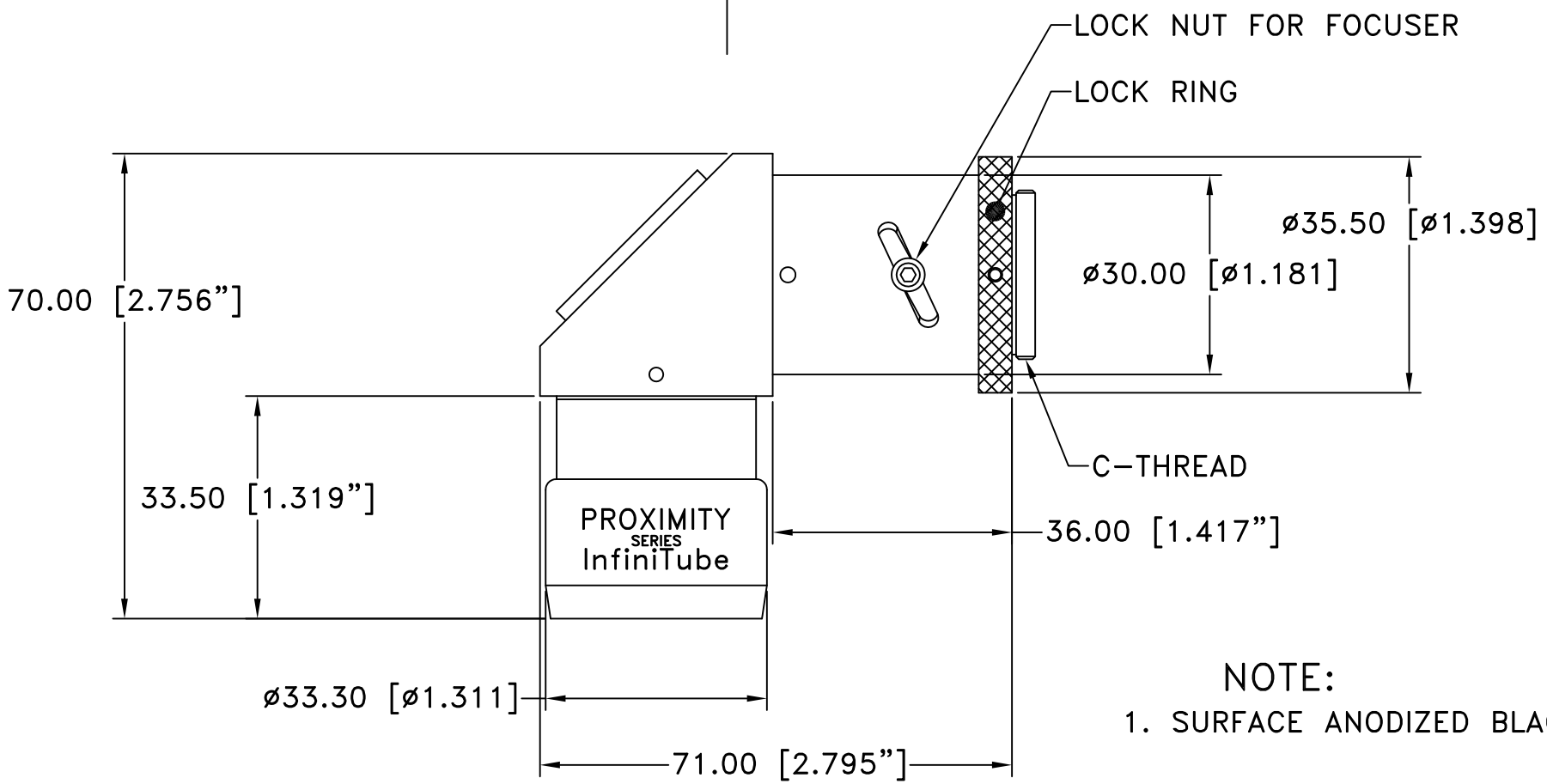
INFINITY Photo-Optical Company
www.infinity-usa.com

INFINITUBE DUAL PORT

SIZE	FSCM NO.	DWG NO.	REV
A		210 246	-

SCALE		SHEET
NONE	-	1 OF 1

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



NOTE:
1. SURFACE ANODIZED BLACK.

NOTE: THIS DRAWING IS FOR INFORMATIONAL PURPOSES ONLY AND CONVEYS NO OTHER RIGHTS OR PRIVILEGES.

ALL DIM ARE mm [inches] AND ARE FOR REFERENCE ONLY AND ARE SUBJECT TO CHANGE.

Date: 04/20/11 MB

Modified:

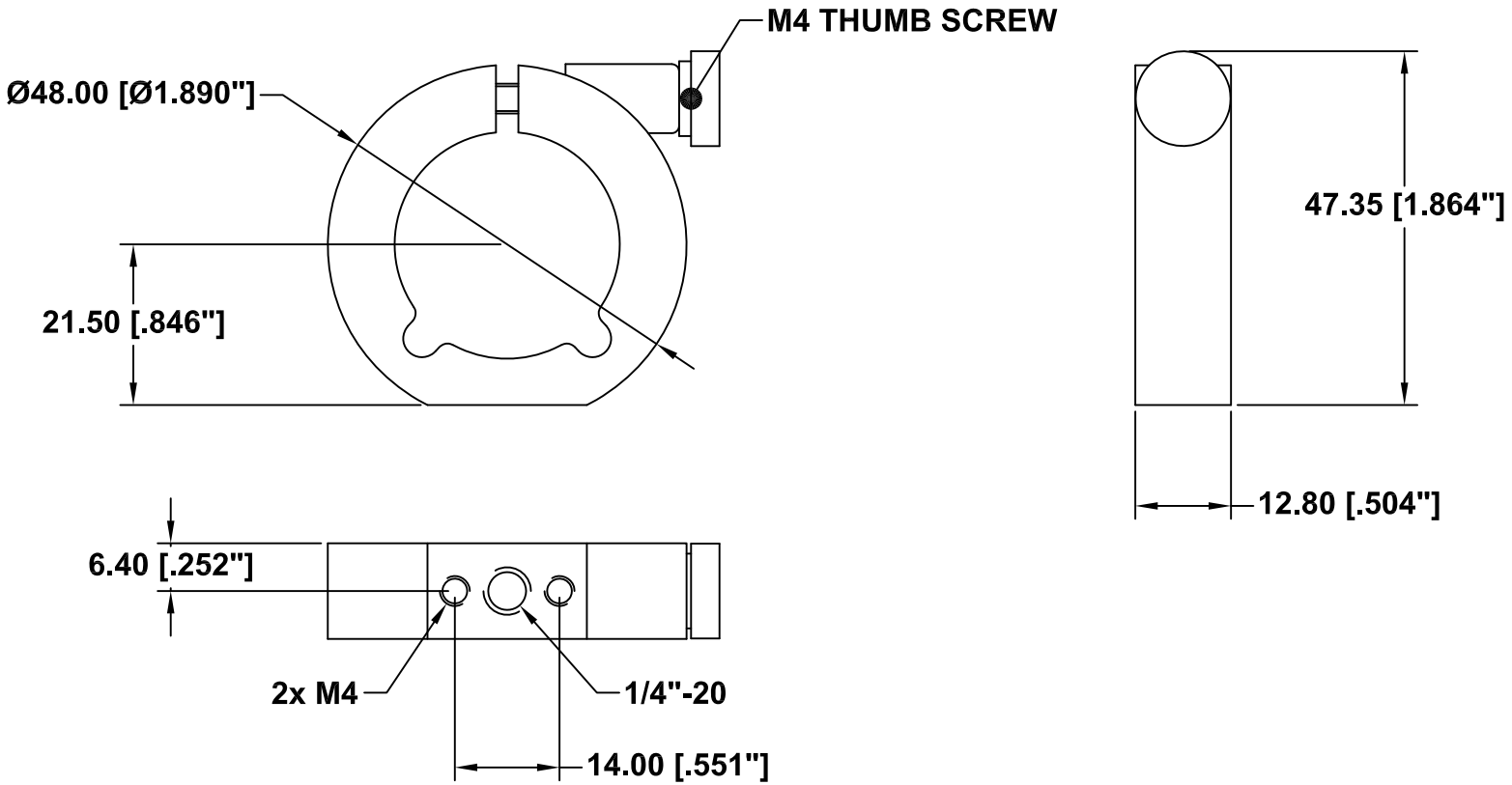
INFINITY Photo-Optical Company
www.infinity-usa.com

INFINITUBE RIGHT ANGLE

SIZE	FSCM NO.	DWG NO.	REV
A		210 202	-

SCALE		SHEET
NONE	-	1 OF 1

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



This drawing is for informational purposes only.
No other rights or privileges are granted or implied.

ALL DIM ARE mm [inches] AND ARE FOR REFERENCE ONLY AND ARE SUBJECT TO CHANGE.	INFINITY Photo-Optical Company www.infinity-usa.com			
	SMALL MOUNTING CLAMP			
Date: 03/19/01 MB	SIZE A	FSCM NO.	DWG NO. 990 171	REV A
Modified: 04/06/01 MB	SCALE NONE		SHEET 1 of 1	

INFINITY PHOTO-OPTICAL COMPANY LIMITED WARRANTY

INFINITY PHOTO-OPTICAL COMPANY hereby warrants its products to be free from defects in workmanship or materials for the warranty period set forth below. INFINITY PHOTO-OPTICAL COMPANY, at its option, shall repair or replace the defective product without cost to the purchaser, and such repair or replacement shall be the full extent of this express limited warranty. INFINITY PHOTO-OPTICAL COMPANY shall not be liable for any other damages either direct or consequential.

This warranty is made to the original purchaser, and is effective only on new equipment purchased from INFINITY PHOTO-OPTICAL COMPANY, or a dealer authorized by INFINITY PHOTO-OPTICAL COMPANY to sell the product.

This warranty is valid only when the product is returned to the authorized dealer from whom it was purchased, or returned directly to INFINITY PHOTO-OPTICAL COMPANY, freight prepaid, with proof of date of purchase.

This warranty does not extend to any defect, malfunction or failure caused by misuse, abuse or the use of the product with equipment for which it may not have been intended. Any unauthorized repair voids this warranty.

The warranty period for all products manufactured by INFINITY PHOTO-OPTICAL COMPANY is five (5) years from date of original purchase. Parts or components made or sourced from other manufacturers shall be solely covered by that manufacturer's warranty.

The warranty contained herein is the only warranty made by INFINITY PHOTO-OPTICAL COMPANY. Any implied warranty of merchantability and/or fitness for a particular purpose is expressly excluded from this warranty. INFINITY PHOTO-OPTICAL COMPANY shall not be liable for any expense, loss, incidental or consequential damages which may arise in connection with the use of this equipment. Recovery under this warranty is limited to repair or replacement of the equipment as provided above.

INFINITY PHOTO-OPTICAL COMPANY reserves the right to modify designs, equipment and accessories without notice.

RETURNING INFINITY PRODUCTS FOR SERVICE

Warranty Repairs:

If you have reason to think something is wrong or functioning improperly with your Infinity Photo-Optical product under the terms of the Warranty, please contact us to explain the problem. We can not accept items sent to us without first discussing the problem and providing you with a return merchandise authorization (RMA). Customer is responsible for delivery charges to us. We will examine the product and inform you whether or not the Warranty applies. If so, we will repair/replace the item to factory specifications free of charge. Return delivery charges will be paid by us. If the item(s) is/are deemed out of Warranty, we will advise if repairs can be made at a quoted charge. If customer refuses to authorize a charged repair, item will be returned at the customer's expense.

Repairs of Out of Warranty Products:

Often, we get requests to fix or repair products which are clearly older models out of Warranty. Before attempting to send such to us, please contact Infinity to go over what is desired. It is helpful to send us photos of the product so that we can see if there is a reasonable basis for a repair. Often, older instruments are "inherited" in a department and may have been tampered with by previous users. Infinity products obtained second-hand may have missing parts. After obtaining an RMA as detailed above for Warranty repairs, we will examine the item(s) and provide you with an estimate of charges for repair and return delivery to a level of performance agreed upon. Sometimes it is not possible to cost-effectively repair a product that has been abused or disassembled. A slight cosmetic defect may not affect performance and if so, we will not repair or replace it unless instructed to do so at additional charges. Upon your authorization for us to perform the repair, you will be charged at the price previously quoted for the service and delivery charges involved.

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP