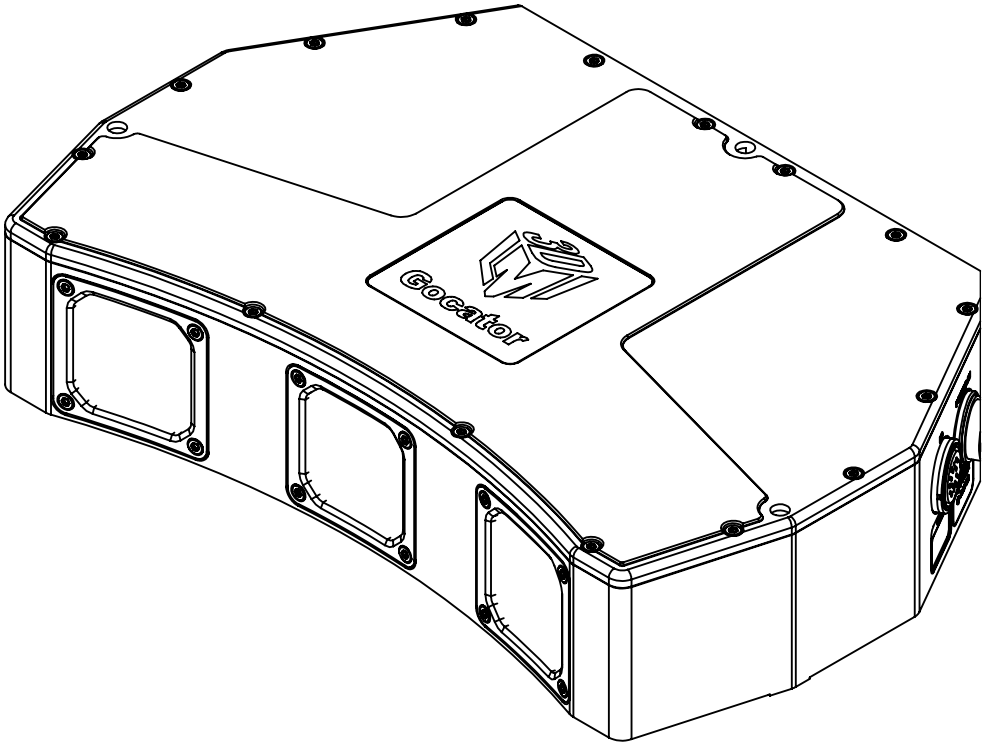
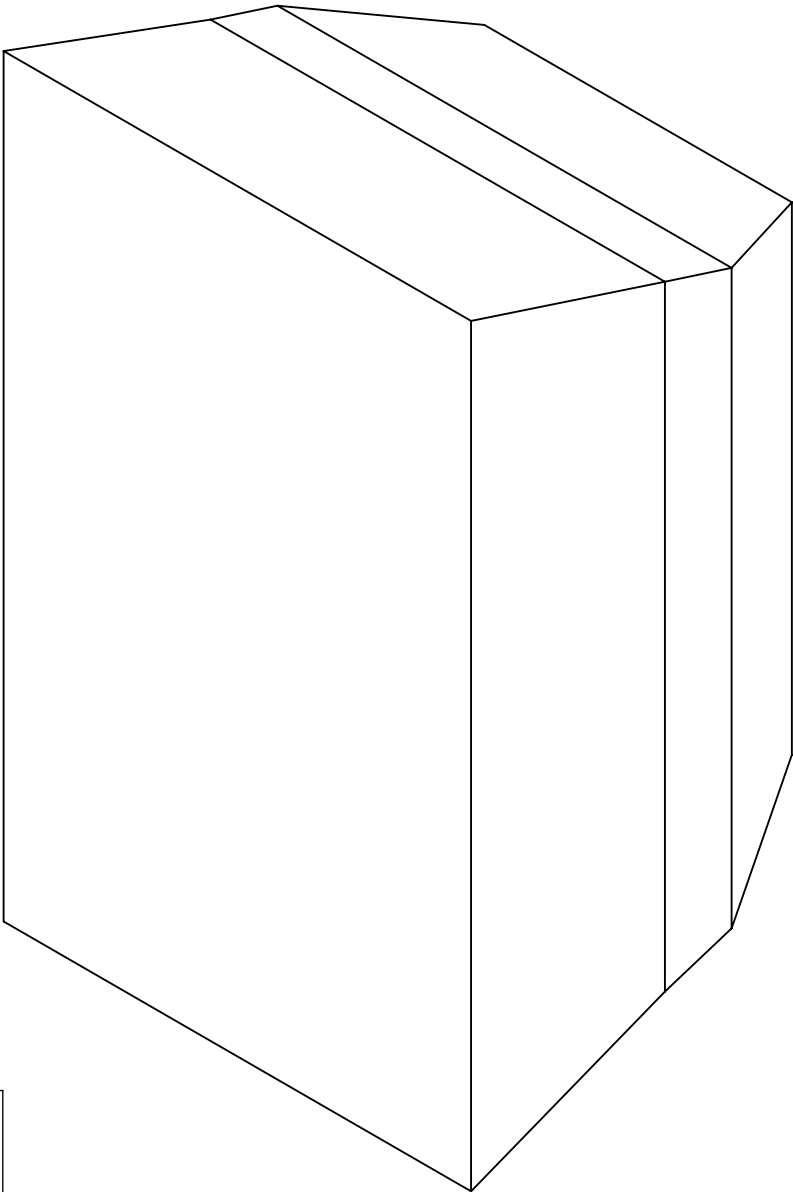


CAD, GOCATOR 3520, 313520A-LED-B-01-S.01

REVISION (ONLY LAST REV REQUIRED)				
ZONE	VER REV	DESCRIPTION	DATE (YYYY-MM-DD)	REVISED BY
6-D1	01 02	ADDED CENTER OF MASS AND MOMENT OF INERTIA DETAILS	2021-03-23	WBEATTIE

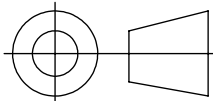


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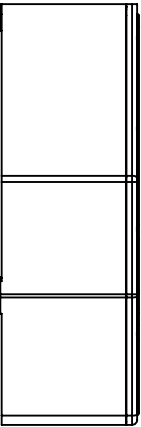
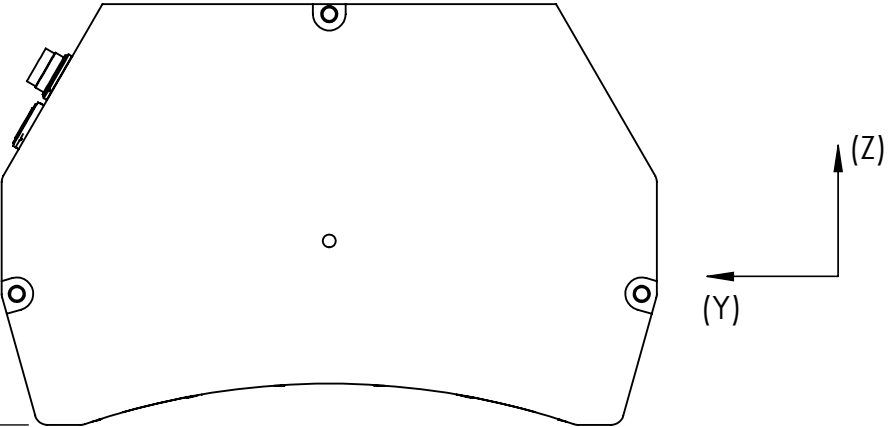
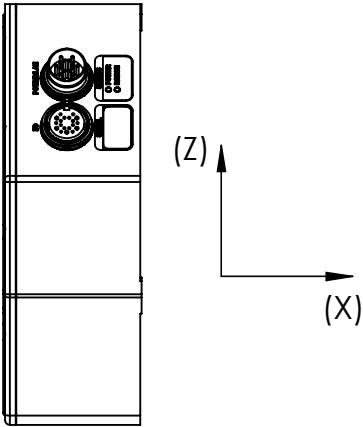
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THIRD ANGLE PROJECTION



ALL DIMENSIONS ARE METRIC			DESCRIPTION			
	Name	YYYY-MM-DD	CAD, GOCATOR 3520, 313520A-LED-B-01-S.01			
DESIGN:	JPOTTER	2020-11-19	PART NUMBER	VERSION	REVISION	SIZE
DRAWN:	JPOTTER	2020-11-19	25051	01	02	B

DATASHEET



NEAR FIELD
OF VIEW (X)

CLEARANCE
DISTANCE (CD)

NEAR FIELD
OF VIEW (Y)

MEASUREMENT
RANGE (MR)

FAR FIELD
OF VIEW (X)

FAR FIELD
OF VIEW (Y)

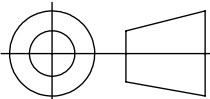


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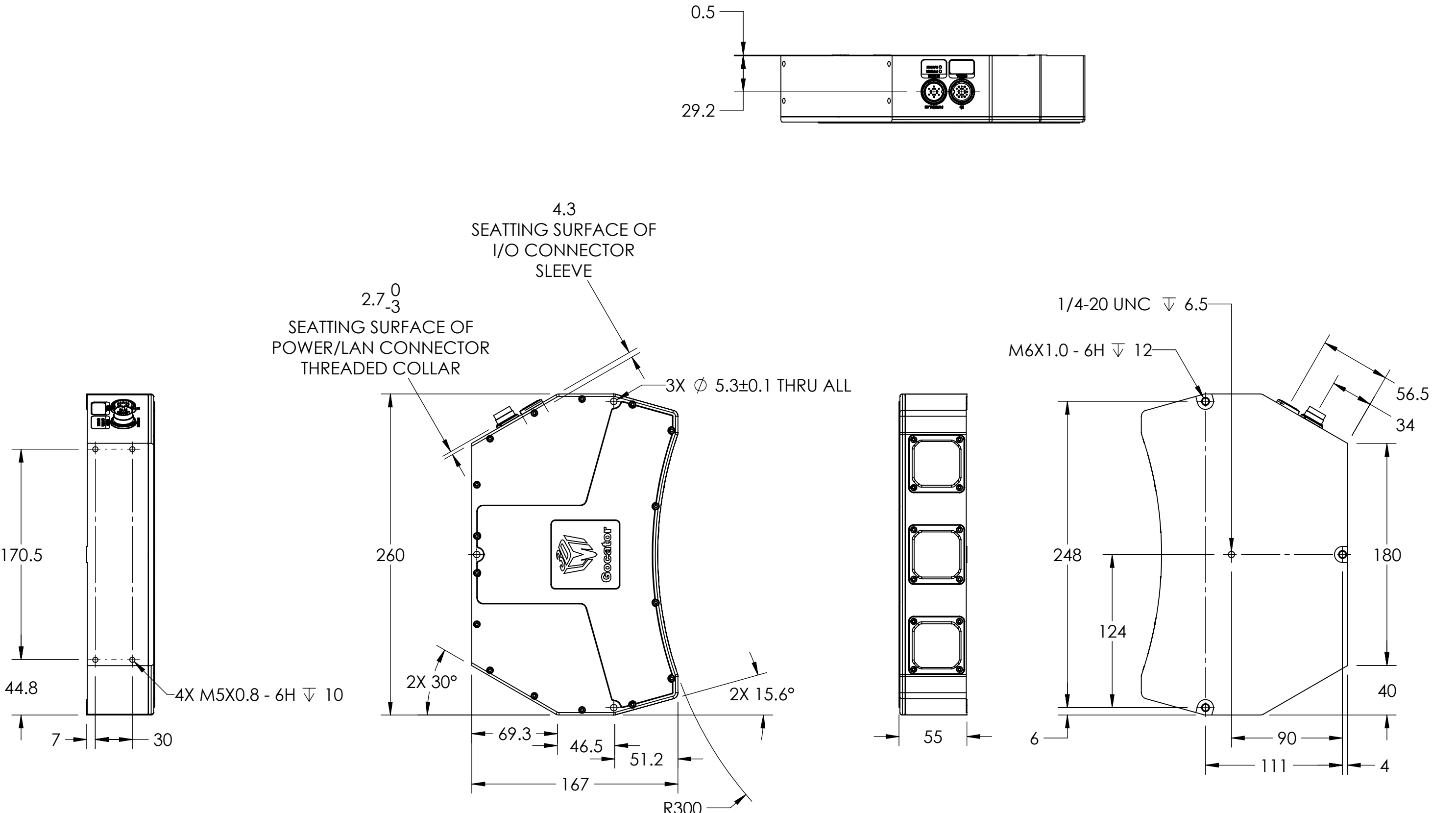
ALL DIMENSIONS ARE METRIC			DESCRIPTION			
	Name	YYYY-MM-DD	CAD, GOCATOR 3520, 313520A-LED-B-01-S.01			
DESIGN:	JPOTTER	2020-11-19	PART NUMBER	VERSION	REVISION	SIZE
DRAWN:	JPOTTER	2020-11-19	25051	01	02	B

TEMPLATE-23091.01.01

SCALE: 1:3

SHEET 2 OF 6

MOUNTING



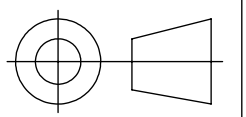


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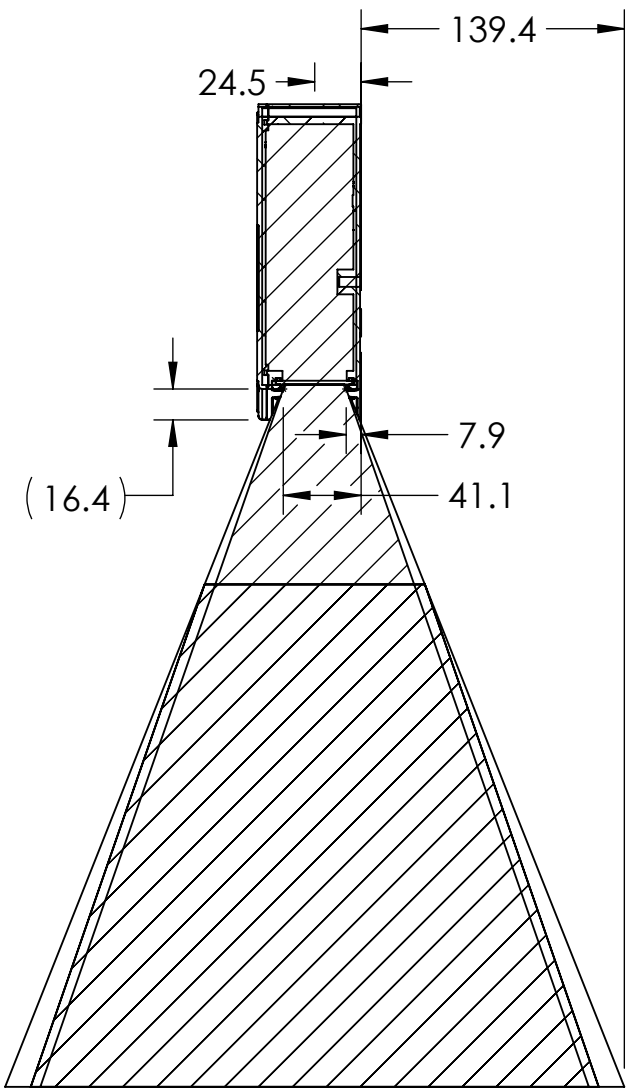
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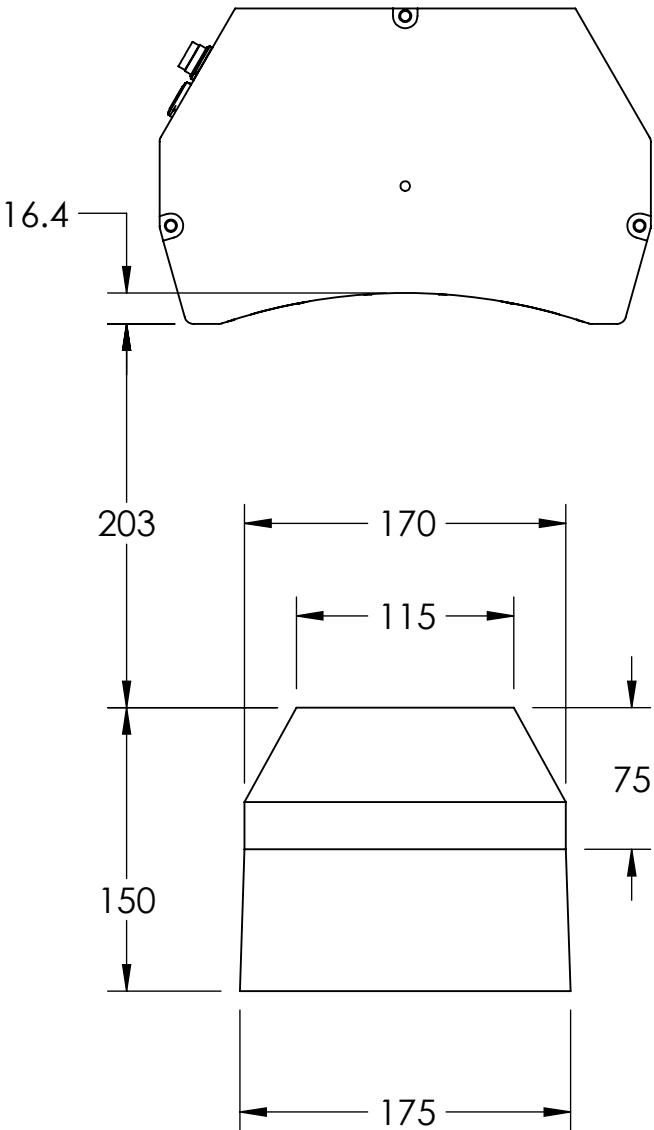
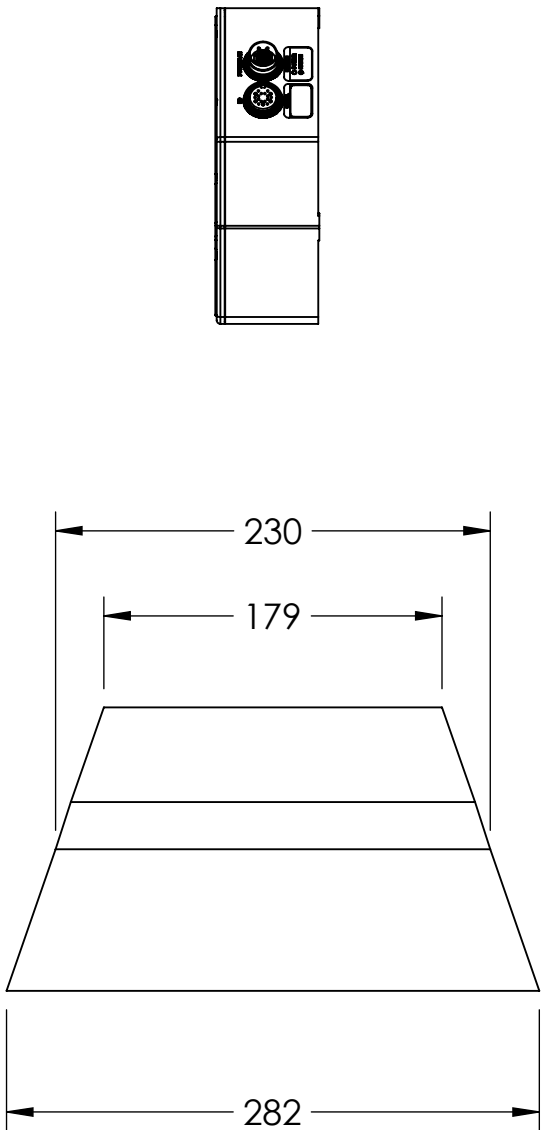
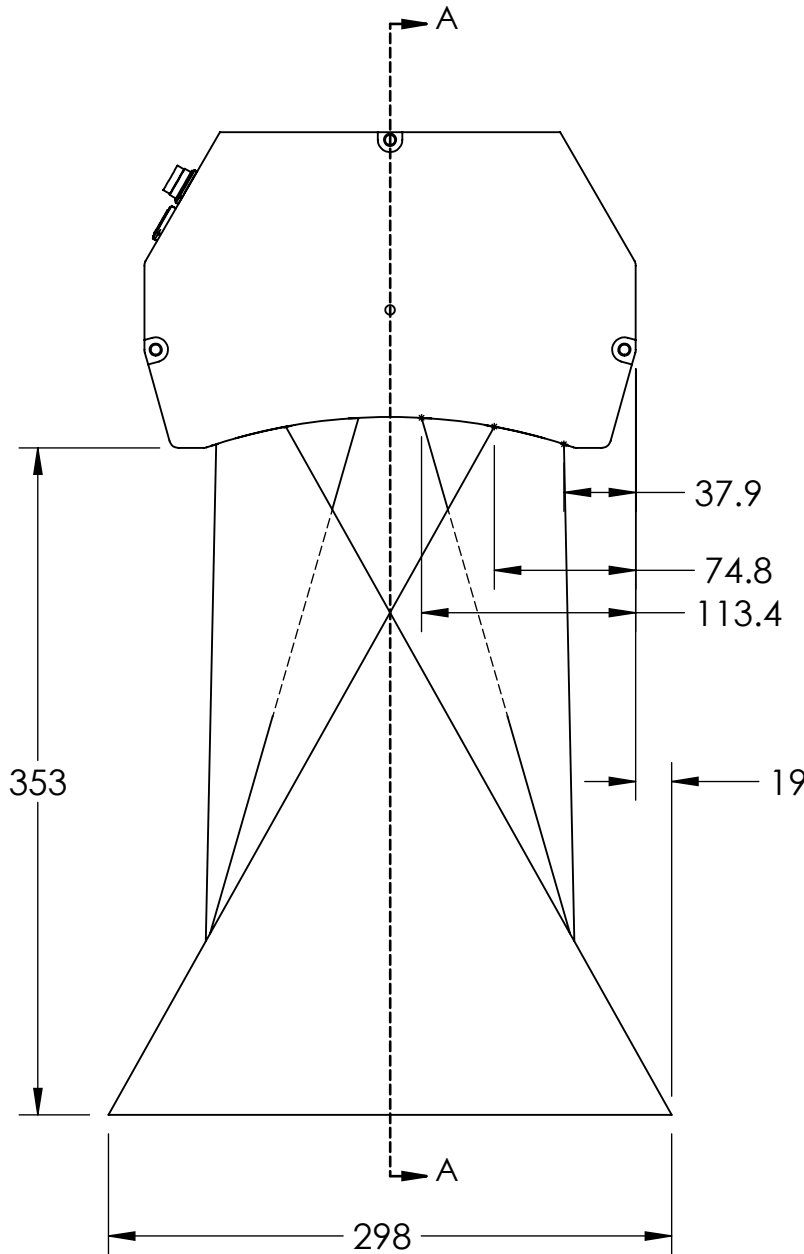


ENVELOPE

STEREO COVERAGE

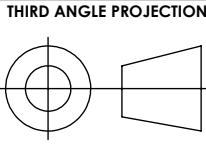


SECTION A-A



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THIRD ANGLE PROJECTION

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SCALE: 1:4

SHEET 4 OF 6

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DESIGN:	JPOTTER	2020-11-19	PART NUMBER	VERSION	REVISION	SIZE
DRAWN:	JPOTTER	2020-11-19	25051	01	02	B

PROJECTION VIEW

87654321

D

D

C

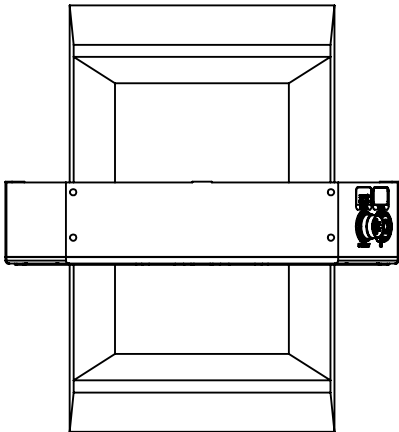
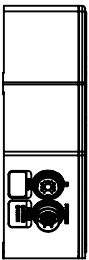
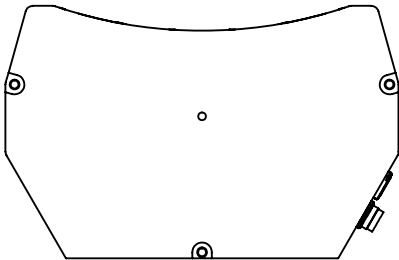
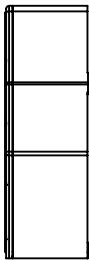
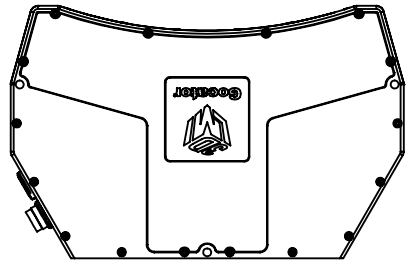
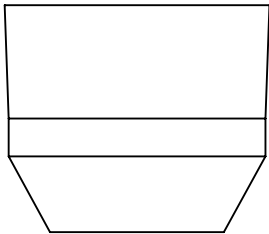
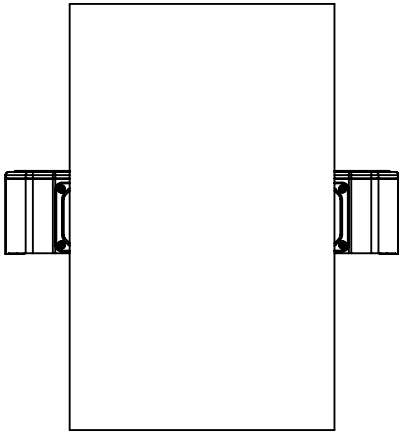
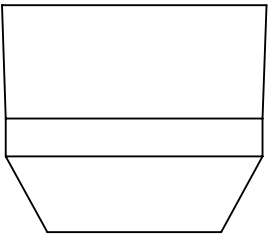
C

B

B

A

A

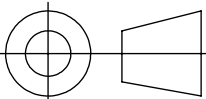


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THIRD ANGLE PROJECTION



8

7

6

5

4

3

2

1

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SCALE: 1:5

SHEET 5 OF 6

ALL DIMENSIONS ARE METRIC			DESCRIPTION			
	Name	YYYY-MM-DD	CAD, GOCATOR 3520, 313520A-LED-B-01-S.01			
DESIGN:	JPOTTER	2020-11-19	PART NUMBER	VERSION	REVISION	SIZE
DRAWN:	JPOTTER	2020-11-19	25051	01	02	B

CENTER OF MASS

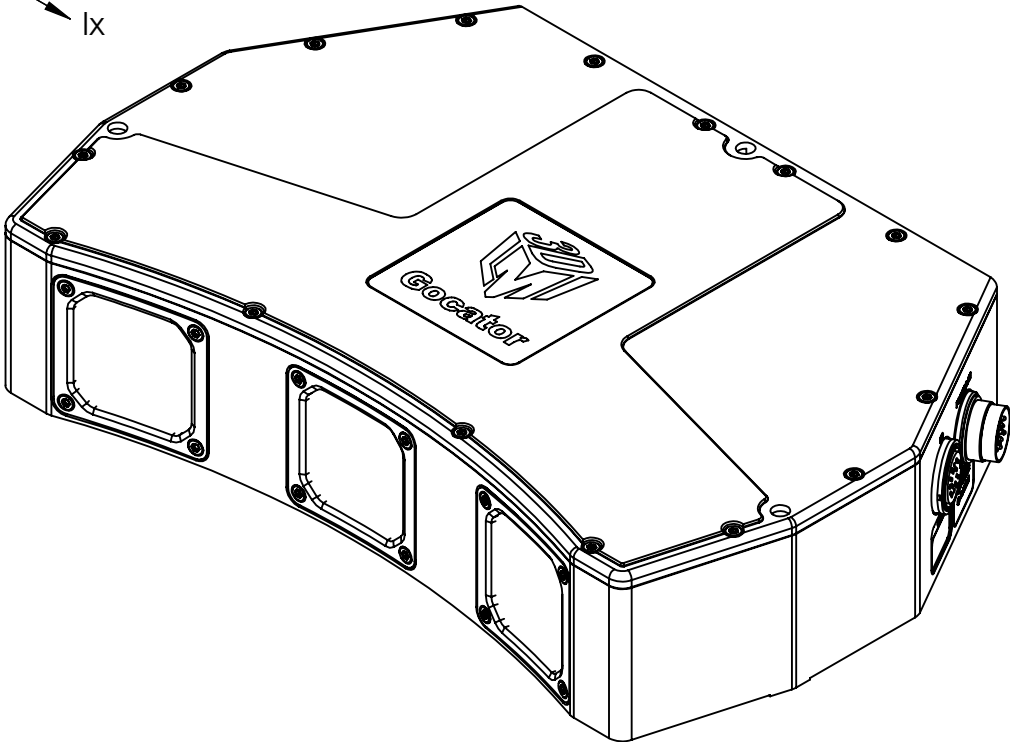
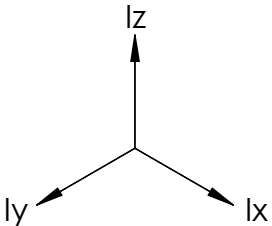
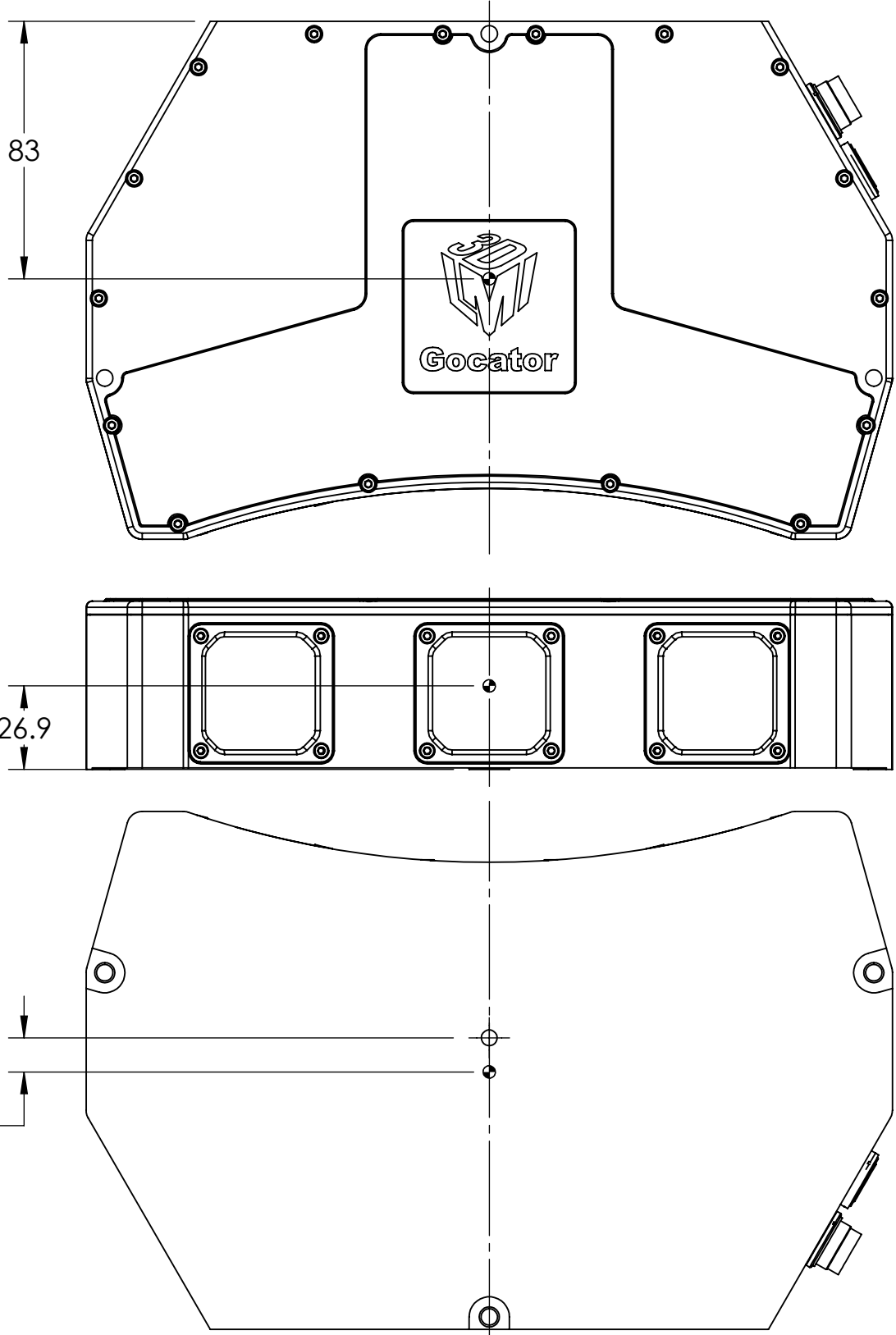
01
02

D

C

B

A



D

C

B

A

Moments of Inertia (g·mm^2)		
Measured about sensor center of mass		
Lxx = 6.25 E6	Lxy = -4.11 E4	Lxz = 1.39 E5
Lyx = -4.11 E4	Lyy = 1.86 E7	Lyz = -1.87 E4
Lzx = 1.39 E5	Lzy = -1.87 E4	Lzz = 1.39 E7

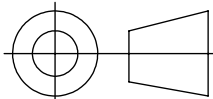


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TEMPLATE-23091.01.01 SCALE: 1:2 SHEET 6 OF 6