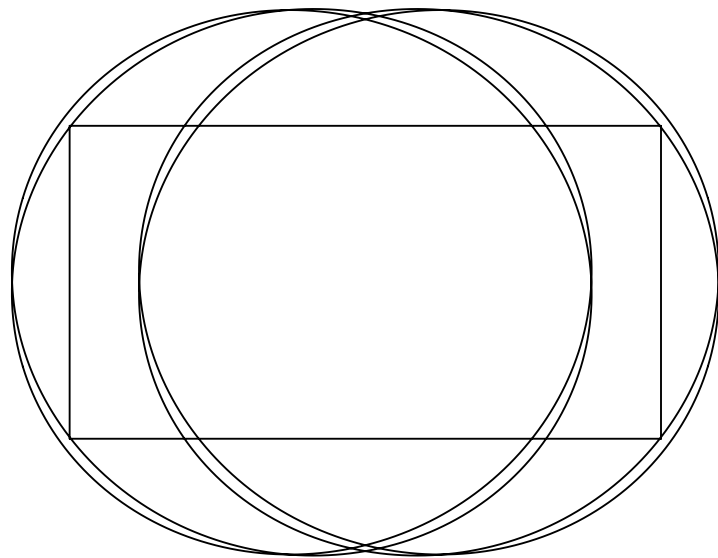
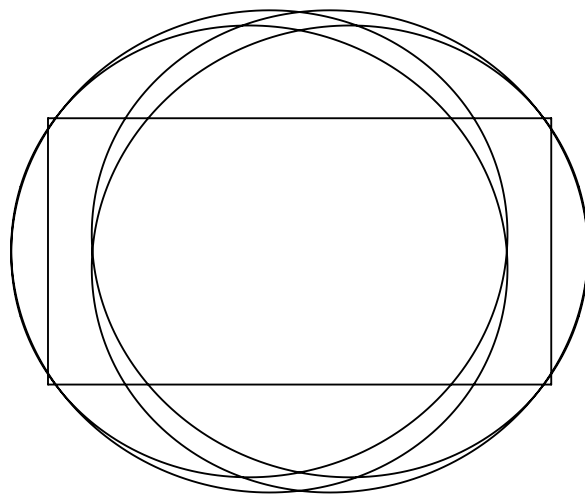


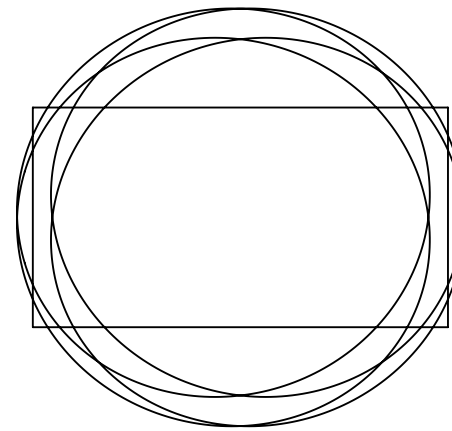
86x52.5 deg field of view  
75 deg light beam  
Lights mounted in 101cmx53cm horizontal rectangle, oriented 16deg in, 5 deg down.



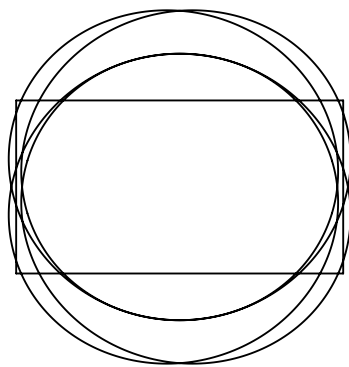
1.5m



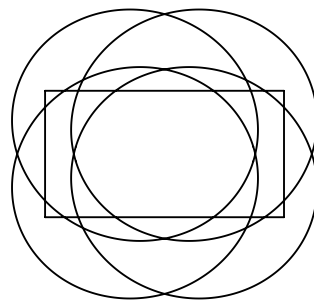
1.25m



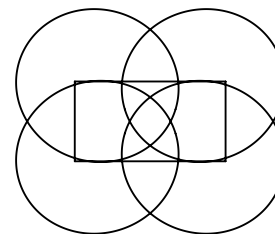
1m



0.75m



0.5m



0.25m

|                                                                                                                                                                                                                                                                                                                                                          |                     |                      |               |                               |  |      |  |                                                                                                                                                                                                                                                  |  |                                                           |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------|---------------|-------------------------------|--|------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------|--|
| UNLESS OTHERWISE SPECIFIED<br>TOLERANCES ARE:                                                                                                                                                                                                                                                                                                            |                     |                      |               | APPROVALS                     |  | DATE |  | Monterey Bay Aquarium Research Institute<br><br><b>MBARI</b><br><b>7700 Sandholdt RD.</b><br><b>Moss Landing, CA 95039</b><br><b>PH: (831) 775-1700</b><br> |  |                                                           |  |
| 1 PLACE DIM<br>±1/16                                                                                                                                                                                                                                                                                                                                     | 2 PLACE DIM<br>±.02 | 3 PLACE DIM<br>±.005 | ANGLES<br>±1° | DRAWN<br>Francois Cazenave    |  |      |  |                                                                                                                                                                                                                                                  |  |                                                           |  |
| 1. DIMENSIONS ARE IN INCHES<br>2. DIMENSION LIMITS HELD AFTER PLATING.<br>3. REMOVE BURRS AND SHARP EDGES .015 MAX.<br>4. MACHINED FILLET RADII .0150-.030.<br>5. MACHINED DIAMETERS ON A COMMON<br>CENTERLINE CONCENTRIC WITHIN .005<br>6. PERPENDICULARITY & PARALLELISM OF<br>MACHINED SURFACES .002 PER INCH.<br>MAX .012 INCHES FOR SINGLE SURFACE. |                     |                      |               | ENGINEER<br>Francois Cazenave |  |      |  | FOV_Modeling                                                                                                                                                                                                                                     |  | <div>SIZE<br/>B</div> <div>DWG. NO.</div> <div>REV.</div> |  |
|                                                                                                                                                                                                                                                                                                                                                          |                     |                      |               | CHECKED                       |  |      |  |                                                                                                                                                                                                                                                  |  |                                                           |  |
|                                                                                                                                                                                                                                                                                                                                                          |                     |                      |               | PROJECT NO.                   |  |      |  |                                                                                                                                                                                                                                                  |  |                                                           |  |
|                                                                                                                                                                                                                                                                                                                                                          |                     |                      |               | PROJECT                       |  |      |  |                                                                                                                                                                                                                                                  |  |                                                           |  |
| DO NOT SCALE DRAWING                                                                                                                                                                                                                                                                                                                                     |                     |                      |               | WEIGHT 10.57 lb.              |  |      |  | SCALE 1:40                                                                                                                                                                                                                                       |  | SHEET 1 OF 1                                              |  |
| 3                                                                                                                                                                                                                                                                                                                                                        |                     |                      |               | 2                             |  |      |  | 1                                                                                                                                                                                                                                                |  |                                                           |  |