

**Technical Specifications - PS-Rehousing Canon FD**

| Focal Length  | 14mm f2.8 L   | 20mm f2.8     | 24mm f1.4 L   | 28mm f2.0 S.S.C. | 35mm f2.0 S.S.C. | 50mm f1.4     | 55mm f1.2 S.S.C. | 85mm f1.2 L   | 85mm f1.8     |
|---|---|---------------|---------------|------------------|------------------|---------------|------------------|---------------|---------------|
| T-Stop Range  | 2,8 - 22  | 3,2 - 16      | 1,6 - 16      | 2 - 22           | 2 - 22           | 1,6 - 22      | 1,4 - 16         | 1,2 - 16      | 2 - 22        |
| Angular Iris Rotation ( as Original Lens )            | 80°   | 55°           | 75°           | ~90°             | ~90°             | ~90°          | ~90°             | ~90°          | ~90°          |
| Min. Marked Object Distance m / f                     | 0,24 / 9,5"   | 0,26 / 10"    | 0,32 / 1'     | 0,32 / 1'        | 0,32 / 1'        | 0,45 / 1,5'   | 0,55 / 2'        | 1,1 / 4'      | 0,9 / 3'      |
| Close Focus from Lens Front                           | 0,11 / 4"   | 0,14 / 5"     | 0,19 / 8"     | 0,18 / 7"        | 0,17 / 7"        |               | 0,39 / 1,5'      | 0,95 / 3,5'   |               |
| Angular Rotation to MOD Endstop                       | 250°  | 200°          | 250°          | 250°             | 250°             | 250°          | 250°             | 250°          | 250°          |
| Image Diagonal <i>also review image circle charts</i> | > 36mm  | n.A.          | > 36mm        | 43mm             | 43mm             | n.A.          | 43mm             | 43mm          | 43mm          |
| Length from Front of Lens to Lens Mount               | ~75mm   | ~70mm         | ~75mm         | ~84mm            | ~84mm            | ~84mm         | ~84mm            | ~84mm         | ~84mm         |
| Front Diameter  | 110mm   | 110mm         | 110mm         | 110mm            | 110mm            | 110mm         | 110mm            | 110mm         | 110mm         |
| Total Weight  | 1150g   | 750g          | 1100g         | 1050g            | 1200g            |               | 1100g            | 1300g         |               |
| Mount   | Arriflex PL-Mount, compatible with IMS exchange mounts                                |               |               |                  |                  |               |                  |               |               |
| Focus Scales  | metric or footage scales - two opposing focus scales with hard stop                   |               |               |                  |                  |               |                  |               |               |
| Markings  | m:22 / ft: 20   | m:20 / ft: 20 | m:24 / ft: 24 | m:25 / ft: 25    | m:25 / ft: 23    | m:27 / ft: 27 | m:26 / ft: 26    | m:24 / ft: 24 | m:25 / ft: 24 |
| Focus Drive Gear                                      | teeth 0,8 metric module industrial standard,with hard stop, 103,5 mm from image plane |               |               |                  |                  |               |                  |               |               |
| Iris Scales   | iris scales from Camera Operator side with hard stop                                  |               |               |                  |                  |               |                  |               |               |
| Iris Drive Gear                                       | teeth 0,8 metric module industrial standard,hard stops, 72 mm from image plane        |               |               |                  |                  |               |                  |               |               |

| Focal Length  | 100mm f2.0  | 135mm f2.0    | 200mm F2.8    |  |  |  |  |  |  |
|---|---|---------------|---------------|--|--|--|--|--|--|
| T-Stop Range  | 2 - 22  | 2,2 - 22      | 2,8 - 22      |  |  |  |  |  |  |
| Angular Iris Rotation ( as Original Lens )            | 80°   | 45°           | 75°           |  |  |  |  |  |  |
| Min. Marked Object Distance m / f                     | 1,1 / 4'  | 1,3 / 4'      | 1,5 / 5'      |  |  |  |  |  |  |
| Close Focus from Lens Front                           | 0,88 / 3'   | 1,06 / 3,5'   | 1,25 / 4'     |  |  |  |  |  |  |
| Angular Rotation to MOD Endstop                       | 250°  | 250°          | 270°          |  |  |  |  |  |  |
| Image Diagonal <i>also review image circle charts</i> | > 36mm  | > 36mm        | > 36mm        |  |  |  |  |  |  |
| Length from Front of Lens to Lens Mount               | ~108mm  | ~108mm        | ~108mm        |  |  |  |  |  |  |
| Front Diameter  | 110mm   | 110mm         | 110mm         |  |  |  |  |  |  |
| Total Weight  | 1500g   | 1900g         | 1750g         |  |  |  |  |  |  |
| Mount   | Arriflex PL-Mount, compatible with IMS exchange mounts                                |               |               |  |  |  |  |  |  |
| Focus Scales  | metric or footage scales - two opposing focus scales with hard stop                   |               |               |  |  |  |  |  |  |
| Markings  | m:27 / ft: 27   | m:26 / ft: 26 | m:25 / ft: 26 |  |  |  |  |  |  |
| Focus Drive Gear                                      | teeth 0,8 metric module industrial standard,with hard stop, 103,5 mm from image plane |               |               |  |  |  |  |  |  |
| Iris Scales   | iris scales from Camera Operator side with hard stop                                  |               |               |  |  |  |  |  |  |
| Iris Drive Gear                                       | teeth 0,8 metric module industrial standard,hard stops, 72 mm from image plane        |               |               |  |  |  |  |  |  |