

PELANGI

PEDESTAL

PRL600

Specifically designed for conversion of existing acetylene powered revolving pedestals to solar applications.



OVERALL DIMENSIONS

PRL600 Pedestal:

Overall height (excluding legs) :221 mm
Overall diameter :600 mm

Optional Legs with levelling screws

Standard leg height :1000mm
Plus 20mm minimum for level adjuster

MOUNTING DETAILS

Pedestal:

3 x 20mm fixings on 490 P.C.D. with levelling adjustment bushes.

Weight (excluding lens and lampchanger):

130 Kgs approx. depending on material

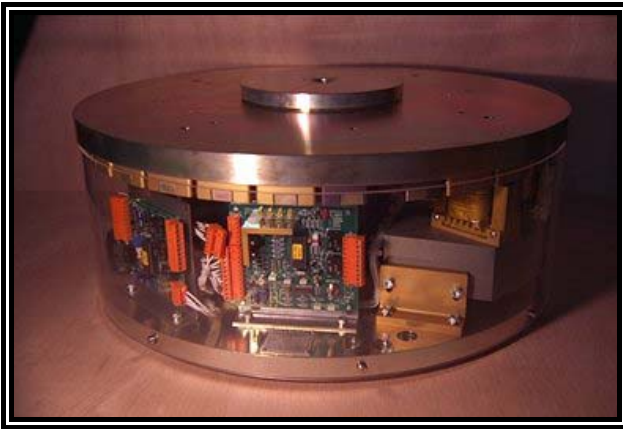
The PRL600 revolving pedestal has been designed by Pelangi to carry traditional cut and polished prismatic lenses up to one tonne total weight.

- Supplied in various versions to suit customer applications:
 - Single or dual drive
 - Stainless steel or mild steel bright nickel plated
 - Integral speed monitor board mounted in pedestal or remote mounting in customer's control panel.
 - Pedestal legs manufactured to suit murette height or site conditions (min leg height 250mm).
- 4 drive coils per drive assembly with LED indicators provide visual indication for service checks.
- Sturdy coil support castings can be swung out from underneath lens support ring for unit self test checks and maintenance without the need to remove the lens.
- Electrically isolated optional speed monitor board gives visual Over, Under, and Runaway Speed LED indications plus revolution counter for independent telemetry monitoring or local viewing.
- Totally self contained controls mounted within pedestal removing need for separate control panel unless requested by customer, and therefore no interconnecting cable required.
- Specifically designed for PA2 lampchanger with MBI lamp. Ballast can be mounted on leg tie-bars for space conservation.
- Interconnects directly with universal Pelangi "COMMUNICATOR" for easy remote monitoring.
- Runs on nominal 24 volt D.C. supplies.

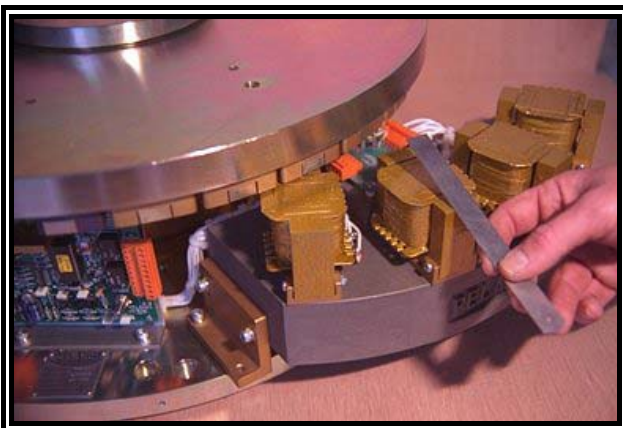
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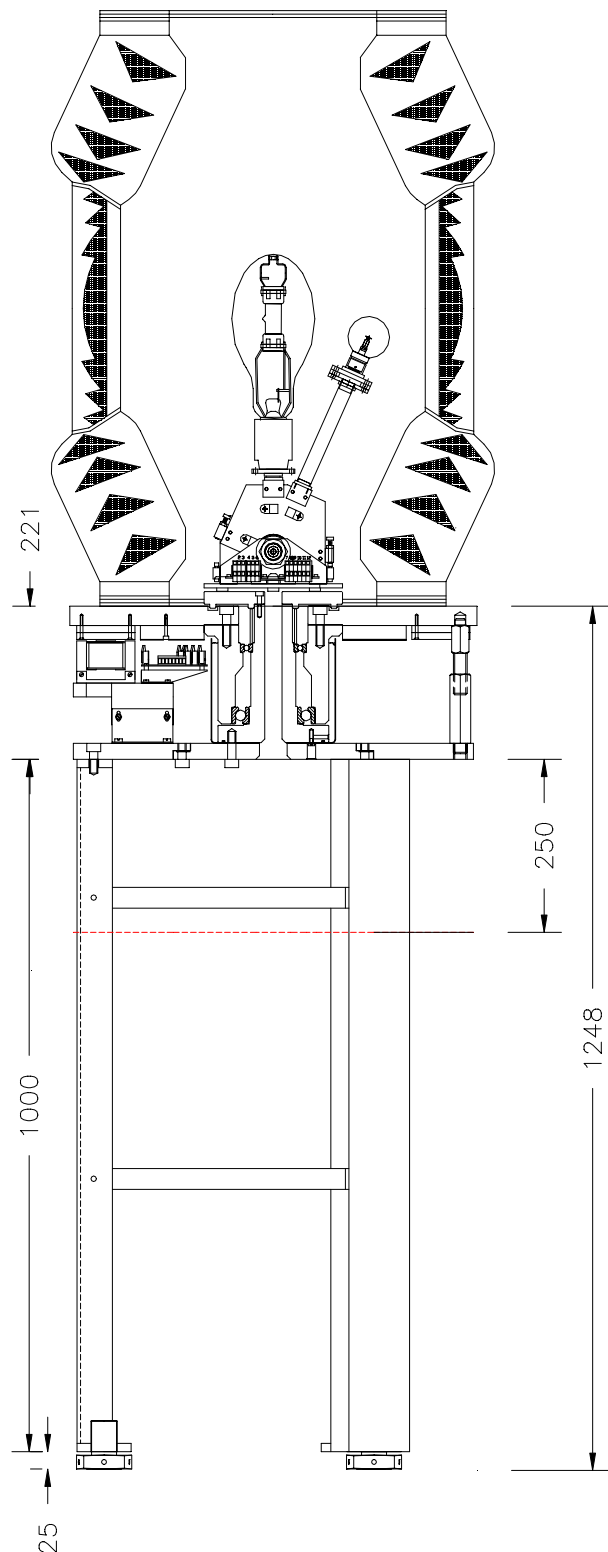
PRL600 without lens or legs.



PRL600 showing drive swung out for test.

TECHNICAL SPECIFICATION

Operating voltage range	: 19 to 34 v dc
Start up current for 1 tonne	: 2 amps
Start up time for 1 Tonne	: 30sec
Speed accuracy	: < 1.5%
Speed adjustment	: 0 – 6 R.P.M.
Maximum lens	: 1000kgs
Optional speed monitor	: Over speed : Under speed : Run Away : Stalled
Optional Legs with levellers	: 250 – 1000MM



PRL600 shown here with 4th order optic with PA2 lampchanger 400 watt MBI lamp and standard pedestal leg length with levellers.