

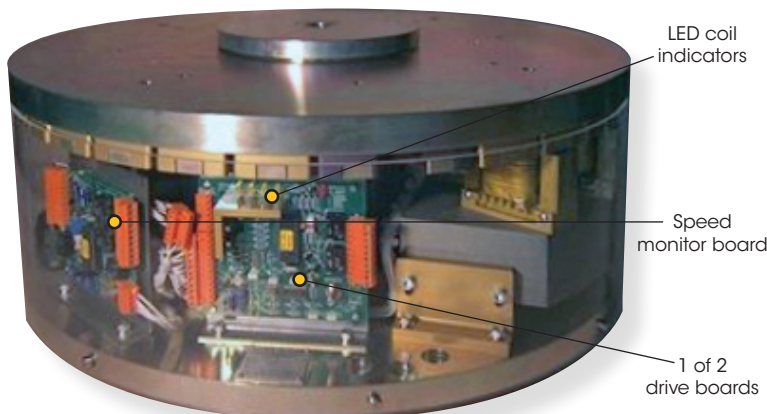
# Revolving Lighthouse Pedestal

SL-RL600

V1\_2014



SL-RL600 shown with lens,  
Noup Head, Scotland



SL-RL600 showing  
controls mounted  
inside pedestal

## The Sealite Advantage

- Allows up to one tonne of prismatic optic to be revolved at less than 5 watts
- Retains the use of cut & polished prismatic lens as the most efficient method of lighting a station
- Removes the need to use mercury on station
- Two independent drives either of which can drive rotation smoothly with visual LED indication of operation
- Electrically isolated built in speed monitor board which can interface with external monitoring
- Combined with the SL-LED light source provides a system which can be solar powered
- Preserves the heritage of the lighthouse
- Compact built in electrics removes the need for extra control cubicle

## The SL-RL600 has been specifically designed for conversion of existing acetylene powered revolving pedestals to solar applications.

In addition, this revolving pedestal is suited to carry traditional cut and polished prismatic lenses up to one tonne in total weight and can be supplied in various versions to suit the customer requirements:

- 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)

Four drive coils per drive assembly with LED indicators provide visual indication for service checks. The sturdy coil support castings can be swung out from underneath the lens support ring for unit self checks and maintenance without the need to remove the lens.

The SL-RL600 has totally self-contained controls mounted within the pedestal removes the need for separate control panel and interconnecting cable unless requested by the customer.

The SL-RL600 has been specifically designed for use with the SL-LED78 or 52 light source.

### Optional Speed Monitor

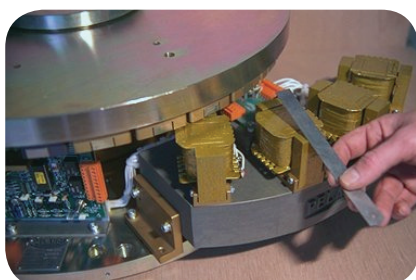
The electrically isolated optional speed monitor board gives visual Over, Under and Runaway Speed LED indications plus revolution counter for independent telemetry monitoring or local viewing.

### SL-LED78 Driver

The SL-LED78 Drive Board has been developed to either be incorporated within major lighthouse control cubicles or as a direct replacement for LC15 lampchangers.

The board is available with a number of configuration options:

- Printed circuit board supplied loose for mounting in customers on control cubicle
- Board mounted in separate cubicle to solely replace functions of LC15 lampchanger



SL-RL600 shown with drive swung out  
for testing

# Revolving Lighthouse Pedestal

SL-RL600



Startpoint Orkneys



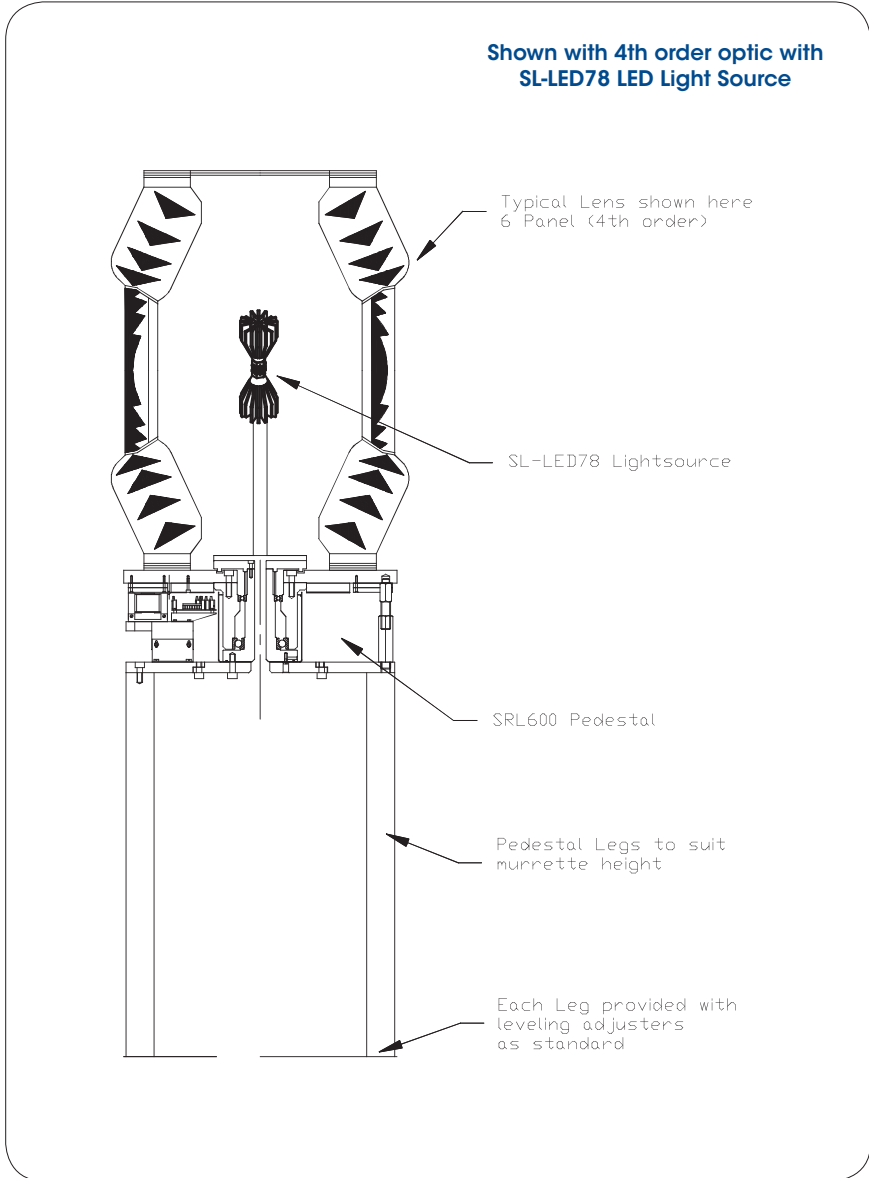
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SPECIFICATIONS* *	SL-RL600	SL-RL600
	Pedestal only	Pedestal with Legs
<b>Physical Characteristics</b>		
Height (mm/inches)	221 / 8¾	Pedestal: 221 / 8¾ Standard leg height: 1000 / 39¾ Level adjuster: 20 / ¾ (minimum)
Diameter (mm/inches)	600 / 23⅝	
Mass (kg/lbs)	Excluding lens & light source: ~ 130 / 286.6	
Mounting	3 x 20mm fixings on 490 PCB with levelling adjustment bushes	
<b>Technical Details</b>		
Operating Voltage Range (VDC)	19 - 34	19 - 34
Start up current for 1 tonne (amps)	2	2
Start up time for 1 tonne (sec)	30	30
Speed Accuracy (%)	<1.5	<1.5
Speed Adjustment (RPM)	0 - 6	0 - 6
Maximum Lens (kg/lbs)	1000 / 2204.6	1000 / 2204.6
<b>Options Available</b>	<ul style="list-style-type: none"> <li>• Speed Monitor: Over speed Under speed Run away Stalled</li> <li>• Legs with levellers: 250 - 1000mm</li> </ul>	<ul style="list-style-type: none"> <li>• Speed Monitor: Over speed Under speed Run away Stalled</li> <li>• Legs with levellers: 250 - 1000mm</li> </ul>



\* Specifications subject to change or variation without notice  
\* Subject to standard terms and conditions