

nurturGROW Lighting

High Power Linear Top Light

DATASHEET

Grow more with less

LED luminaire lighting system which helps reduce costs and maximise yields in commercial greenhouses and controlled environment agriculture (CEA)



High Power Linear | LED luminaire system



The nurturGROW range produces high intensity light which speeds up the natural growth cycle.

Our High Power Linear system provides a definable 'recipe' of light which can be tailored to the needs and lifecycle of the specific crop being grown.

Benefits of nurturGROW High Powered Linear



High umol output



50% energy saving over HPS



Extended warranty



Optimised load efficiency



Fully serviced (optional)

Operating Summary

| | |
|------------------------------|---|
| Nominal power factor | >0.90 min |
| THD | <20% max |
| Thermal management | Passive |
| Controls | 0-10V dimming (1-100%) Wireless smart control system |
| Operating temperature | -10°C to 40°C |
| Ingress protection | IP65 |
| Q90 life | 50,000 |
| Warranty | 5 Years |

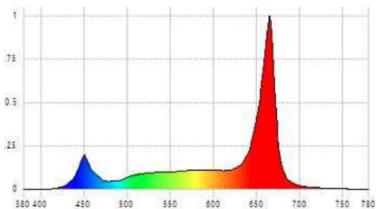
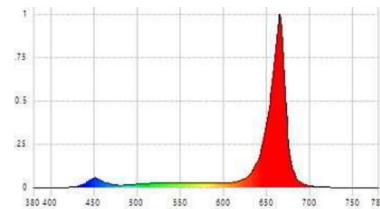
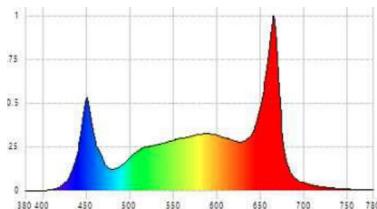
Dimensions

| | |
|---------------|-------|
| Length | 600mm |
| Width | 300mm |
| Height | 93mm |

Performance Summary

| Input voltage | Input power | PPF | PPE | Heat load per fixture | Fixing height |
|----------------------|--------------------|-------------------|------------------|------------------------------|----------------------|
| 120-470V | 630W | 2200 umol/s @100% | 3.5 umol/J @230V | 2148 BTU | 1500mm+ |
| 120-470V | 320W | 1120 umol/s @100% | 3.5 umol/J @230V | 1090 BTU | 1500mm+ |

Standard Light Recipe Options



Bespoke recipes available on request