

Photometric Test Report



Astra Beam120IP

IP65 beam moving head with a 120W white
Laser source and CMY

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TESTING PROCESS

Prolights has its own optical testing laboratory in order to provide accurate photometric reports for its lighting products. The testing laboratory contains certain variety of precise lighting measurement systems that ensure an optimal reading of all the characteristic parameters of the lighting devices. All measurements are made at a controlled room temperature of 20°C without any external light sources.

Please Note: All measurements are made with light source at operating temperature. Before starting the measurement, the instrument analyzes the process of the light source during the heating phase. The measuring process of all the parameters begins only when the light emission is stable, that is with a variation of less than 0.5% in a 15 minutes time frame.

Additionally, the fixtures are rechecked using various hand-held instruments like Sekonic C-700 and Gossen Mavospec Base, this is done to ensure, that the data in the photometric report are as accurate as possible.

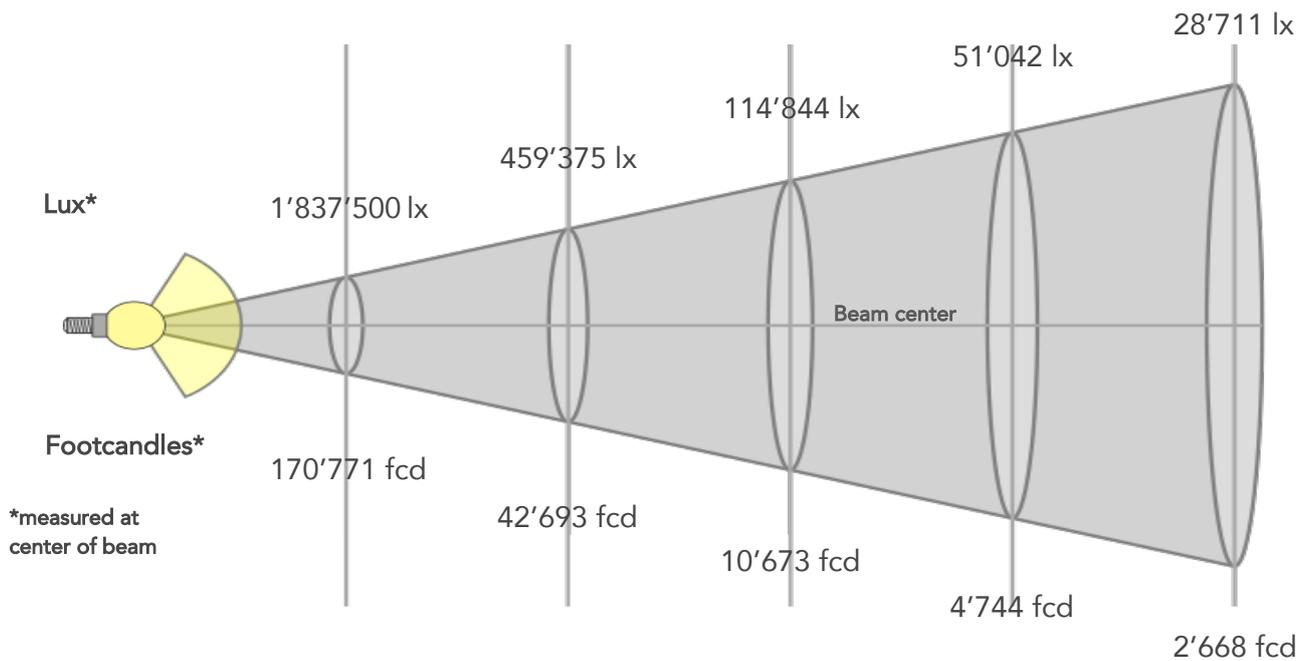


PRODUCT NAME:
ASTRABEAM120IP

MEASUREMENT CONDITIONS:
Beam angle:
Beam Mode

BEAM DETAILS

| | | | | | |
|------------------|---------|---------|---------|---------|----------|
| Distance (meter) | 5 m | 10 m | 20 m | 30 m | 40 m |
| Distance (feet) | 16,4 ft | 32,8 ft | 65,6 ft | 98,4 ft | 131,2 ft |



BEAM INTENSITIES AND WIDTHS

| Distance | 5m | 10m | 15m | 20m | 25m | 30m | 40m | 50m |
|-----------|-----------|---------|---------|---------|--------|--------|---------|--------|
| Distance | 16,4ft | 32,8ft | 49,2ft | 65,6ft | 82ft | 98,4ft | 131,2ft | 164ft |
| Lux | 1'837'500 | 459'375 | 204'167 | 114'844 | 73'500 | 51'042 | 28'711 | 18'375 |
| Footcand. | 170'771 | 42'693 | 18'975 | 10'673 | 6'831 | 4'744 | 2'668 | 1'708 |

ELECTRICAL SPECIFICATIONS

| Input voltage | Input current | Input power | Power FC |
|---------------|---------------|-------------|----------|
| 224V | 0,68A | 147,7W | 0,97 |