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.

Total lux output at 20mt:

204167 lx @ 15mt

Foot candela output at

18975 fcd @ 15mt

PRODUCT NAME:

ASTRABEAM120IP

MEASURAMENT CONDITIONS:

Beam angle:

Beam Mode

Target:

Full On

Operator:

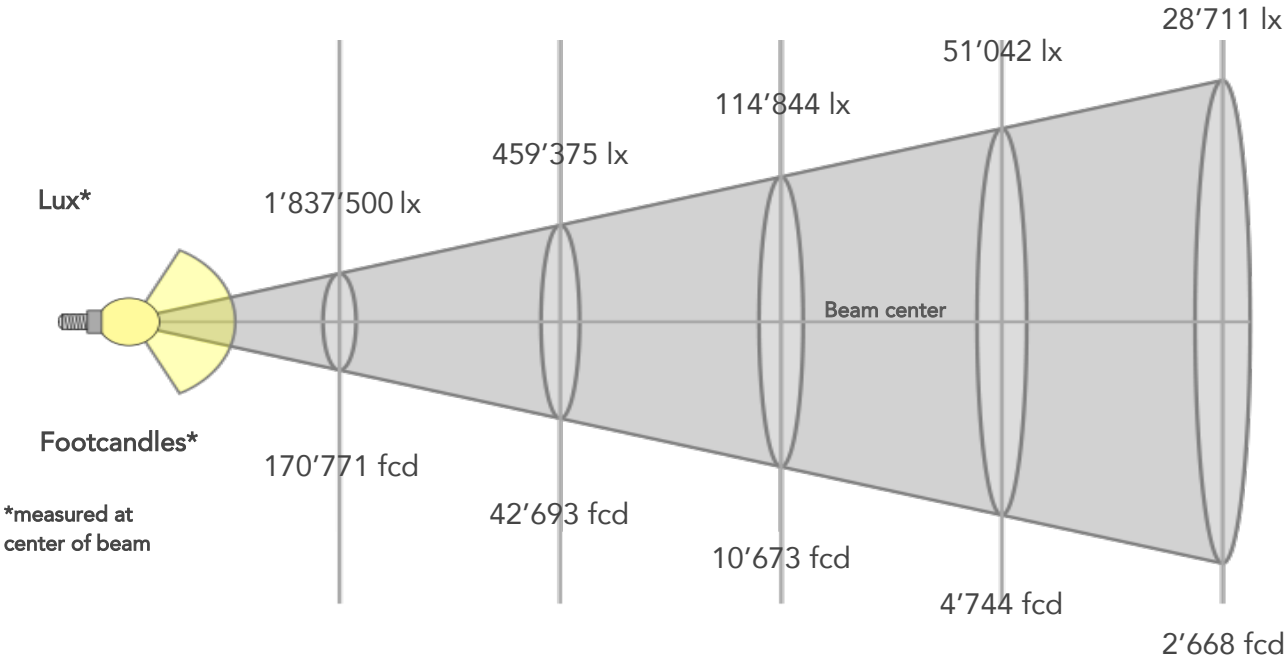
Salvatore Giglio

Date and time:

21/04/2025

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