

E.SHOW D / A.SHOW D



PHOTOMETRICS REPORT

CONTENT

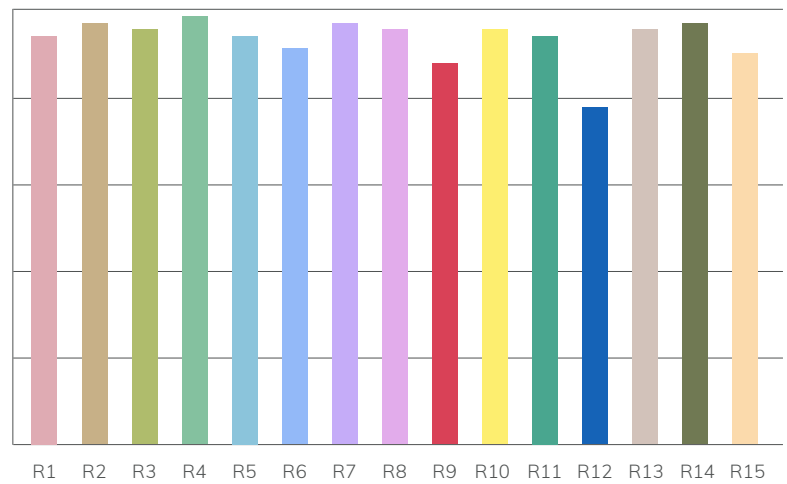
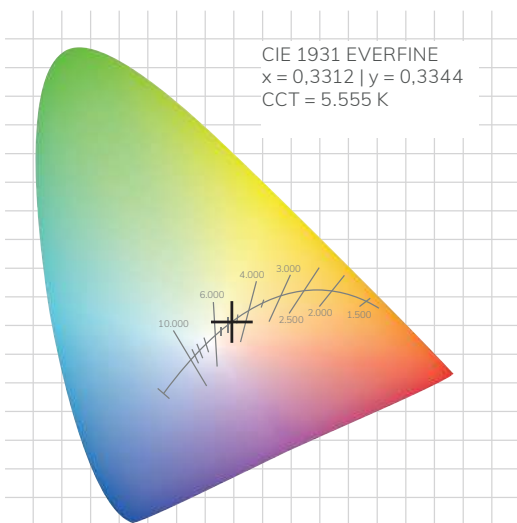
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ROXX[®] Entertainment SHOW Series offers very high performance, weatherproof fixtures and features Single-Source-LEDs that produce an incredibly smooth lighting and uniform colors, providing a solution for any requirement. The LED variations range from a Tunable White over to a Full Color to a pure Tungsten and up to a Daylight version. Each one reaching an exceptionally good light quality with high CRI / TLCI and a massive light luminosity. The E.SHOW D / A.SHOW D (Daylight) convinces with its incredibly naturally reproduced colors and skin tones due to the central 200W daylight LED with 5.600 Kelvin color temperature. With a service life of 50,000 hours and an enormous 13.500lm luminous flux this powerful daylight is the perfect fixture for trade fairs, theatre, broadcast and film. Thanks to the specially developed ROXX[®] R.LOK[®] technology, the lenses can be changed easily and without any tools. This allows the beam angle to be conveniently adjusted, whether from 24°, 36°, 54° or elliptical 21°x27° and 22°x57°.

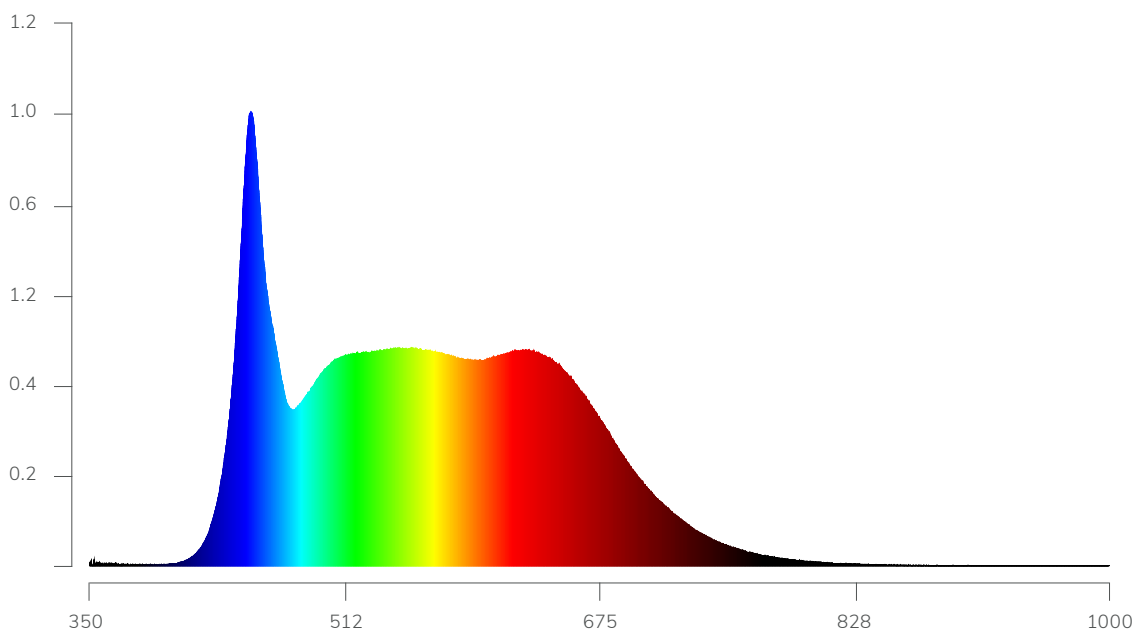
In addition to DMX and RDM control, Lumenradio's latest Wireless DMX technology (CRMX) enables wireless as well as flexible control plus integrating a Bluetooth interface allows direct controlling via unique ROXX.APP without additional hardware. Covering all possible requirements, the fixture includes an extensive range of accessories including 8-Way Barndoor, Honey Comb, Anti-Glare Shield, various lenses, Gel Frame, Omega Bracket and a specially developed Snapbag[®] and Snapgrid[®] by DoPchoice for an extremely even illumination of motifs in front of the camera.

Report Summary

Photometrical Parameters	Electrical Parameters
Total Lumens: 13.222lm	Power Consumption: 215,0 W
Fixture Efficacy: 61,51lm/W	AC Supply: 219,6 V, 50Hz
CCT: 5.555 Kelvin	Current: 1,06A
CRI/Ra: 97,0	Power Factor: 0,93
TLCI: 98,3	
TM-30-15: Rf=94 Rg=103	
Chromaticity Coordinate CIE 1931: x 0,3312 y 0,3344	



Spectrum



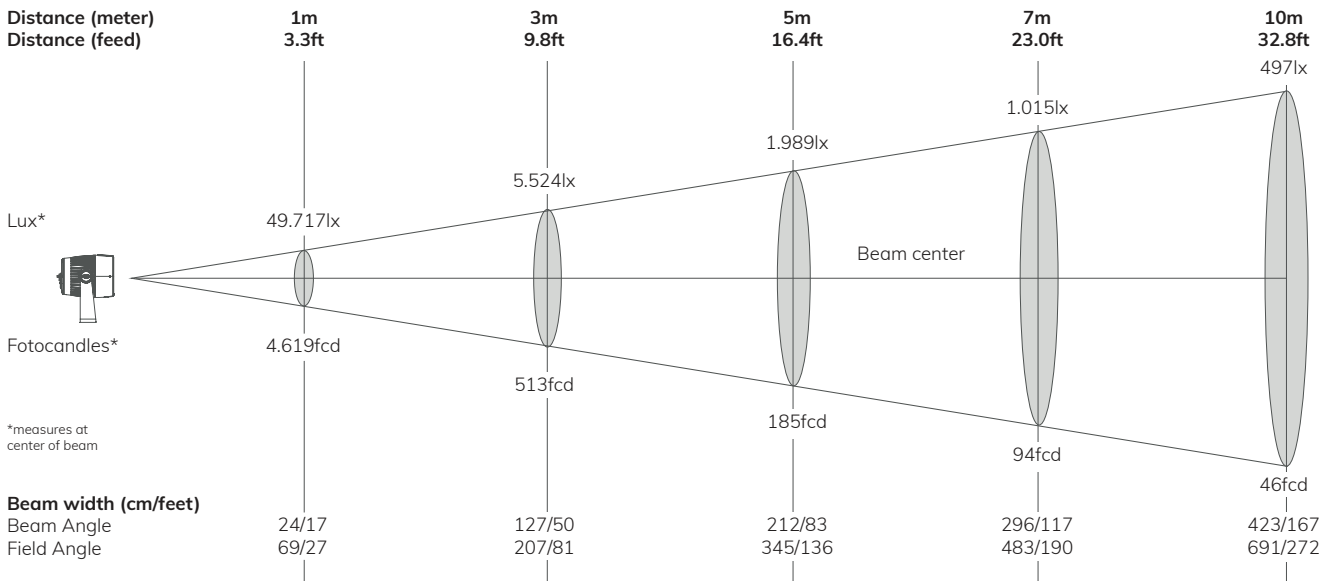
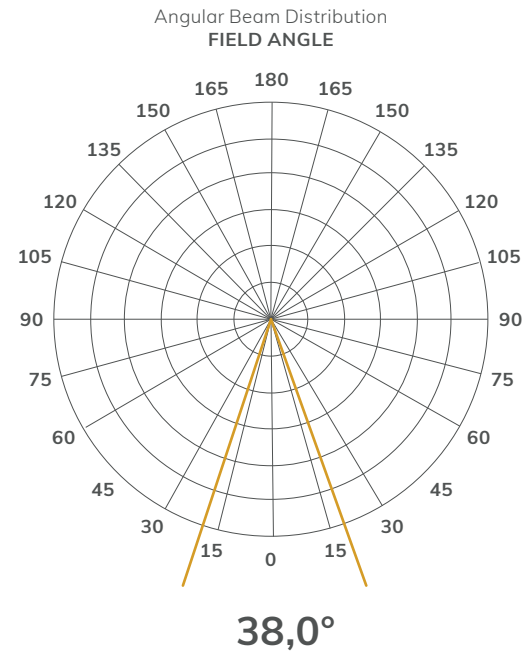
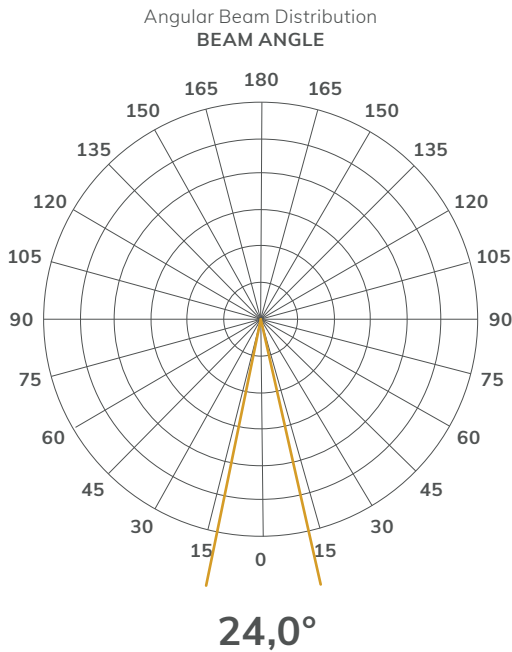
Photometric Report

NARROW LENS

Report Summary

Photometrical Parameters	Optical Parameters	Electrical Parameters
Luminous Flux: 13.222 lm	Beam Angle (50%): 24,0°	Power Consumption: 215,0 W
Illuminance @5m: 1.989lx / 185fcd	Field Angle (10%): 38,0°	AC Supply: 219,6 V, 50Hz
Fixture Efficacy: 61,51lm/W		Current: 1,06A
		Power Factor: 0,93

Beam Details



Angle	Distance									
	1m/3.3ft		3m/9.8ft		5m/16.4ft		7m/23ft		10m/32.8ft	
	Lux Center lx/fcd	Diameter cm/inch	Lux Center lx/fcd	Diameter cm/inch	Lux Center lx/fcd	Diameter cm/inch	Lux Center lx/fcd	Diameter cm/inch	Lux Center lx/fcd	Diameter cm/inch
Beam angle: 24°	49.717/4.619	42/17	5.524/513	127/50	1.989/185	212/83	1.015/94	296/117	497/46	423/167
Field angle: 38°		69/27		207/81		345/136		483/190		691/272

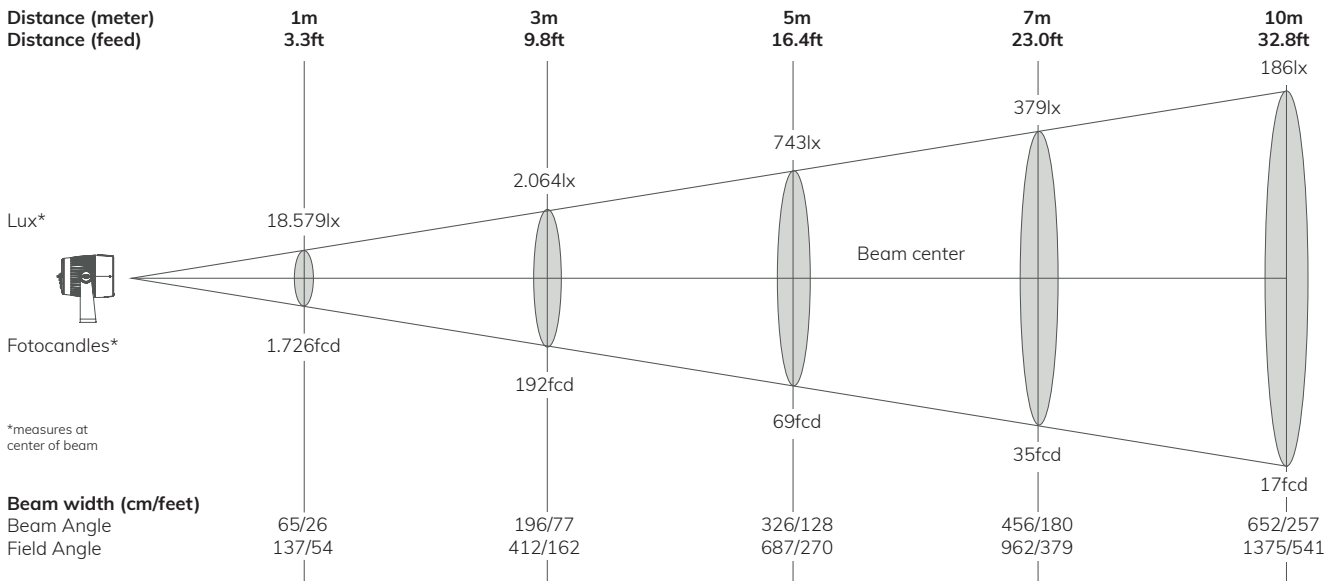
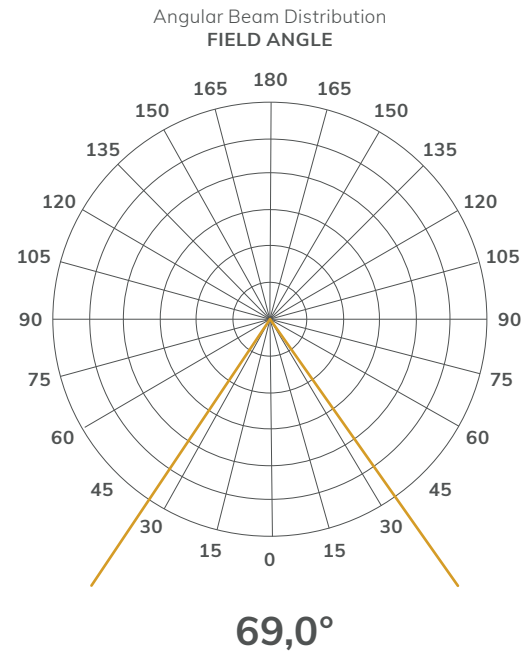
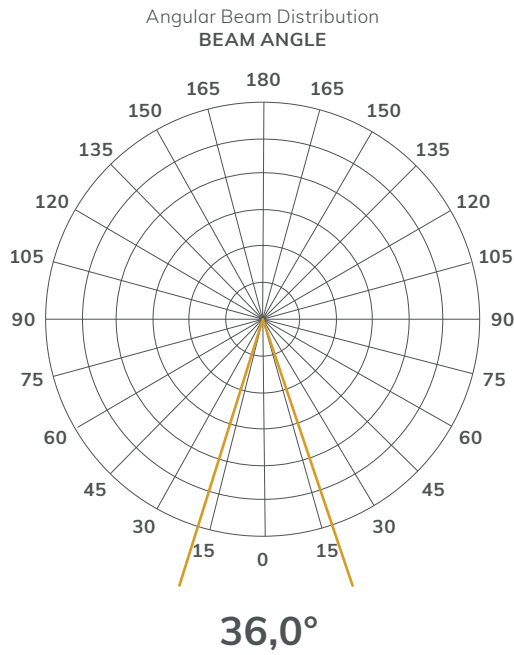
Photometric Report

MEDIUM LENS

Report Summary

Photometrical Parameters	Optical Parameters	Electrical Parameters
Luminous Flux: 13.222 lm	Beam Angle (50%): 36,0°	Power Consumption: 215,0 W
Illuminance @5m: 743lx / 69fcd	Field Angle (10%): 69,0°	AC Supply: 219,6 V, 50Hz
Fixture Efficacy: 61,51lm/W		Current: 1,06A
		Power Factor: 0,93

Beam Details



Angle	Distance									
	1m/3.3ft		3m/9.8ft		5m/16.4ft		7m/23ft		10m/32.8ft	
	Lux Center lx/fcd	Diameter cm/inch	Lux Center lx/fcd	Diameter cm/inch	Lux Center lx/fcd	Diameter cm/inch	Lux Center lx/fcd	Diameter cm/inch	Lux Center lx/fcd	Diameter cm/inch
Beam angle: 36°	18.579/1.726	65/26	2.064/192	196/77	743/69	326/128	379/35	456/180	186/17	652/257
Field angle: 69°		137/54		412/162		687/270		962/379		1.375/541

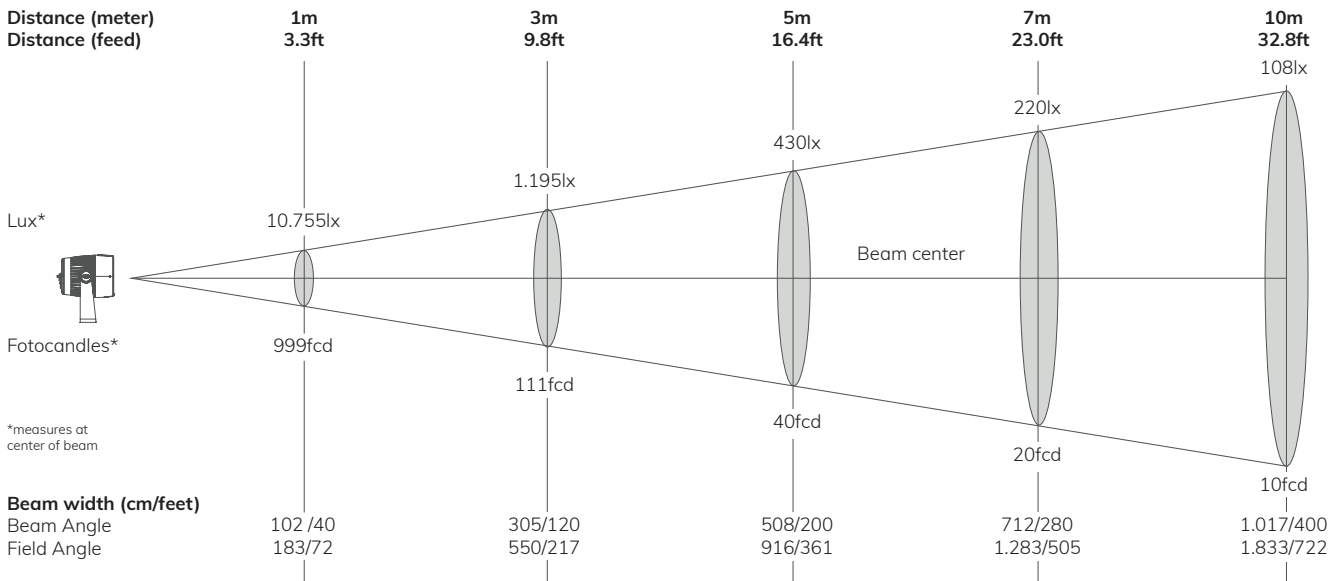
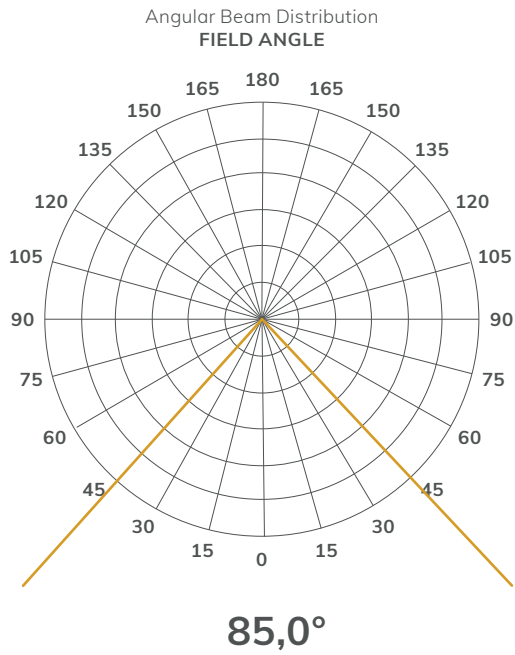
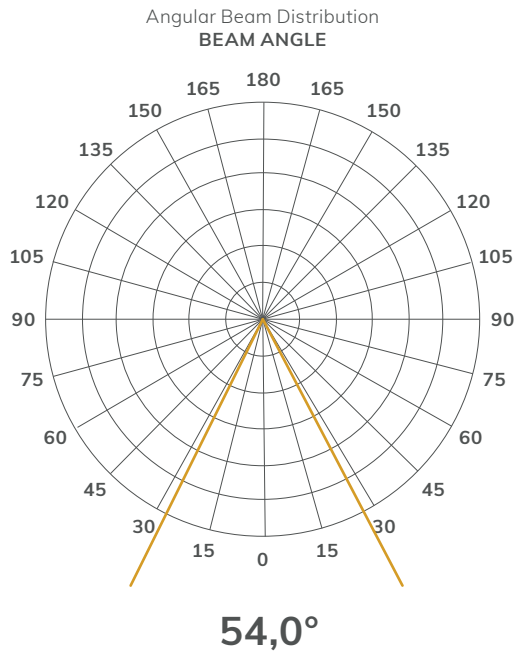
Photometric Report

WIDE LENS

Report Summary

Photometrical Parameters	Optical Parameters	Electrical Parameters
Luminous Flux: 13.222 lm	Beam Angle (50%): 54,0°	Power Consumption: 215,0 W
Illuminance @5m: 430lx / 40fcd	Field Angle (10%): 85,0°	AC Supply: 219,6 V, 50Hz
Fixture Efficacy: 61,51lm/W		Current: 1,06A
		Power Factor: 0,93

Beam Details



Angle	Distance									
	1m/3.3ft		3m/9.8ft		5m/16.4ft		7m/23ft		10m/32.8ft	
	Lux Center lx/fcd	Diameter cm/inch	Lux Center lx/fcd	Diameter cm/inch	Lux Center lx/fcd	Diameter cm/inch	Lux Center lx/fcd	Diameter cm/inch	Lux Center lx/fcd	Diameter cm/inch
Beam angle: 54°	10.755/ 999	102/40	1.195/ 111	306/120	430/ 40	508/200	220/ 20	711/280	108/ 10	1.017/400
Field angle: 85°		183/72	550/217	916/361			1.283/505			1.833/722

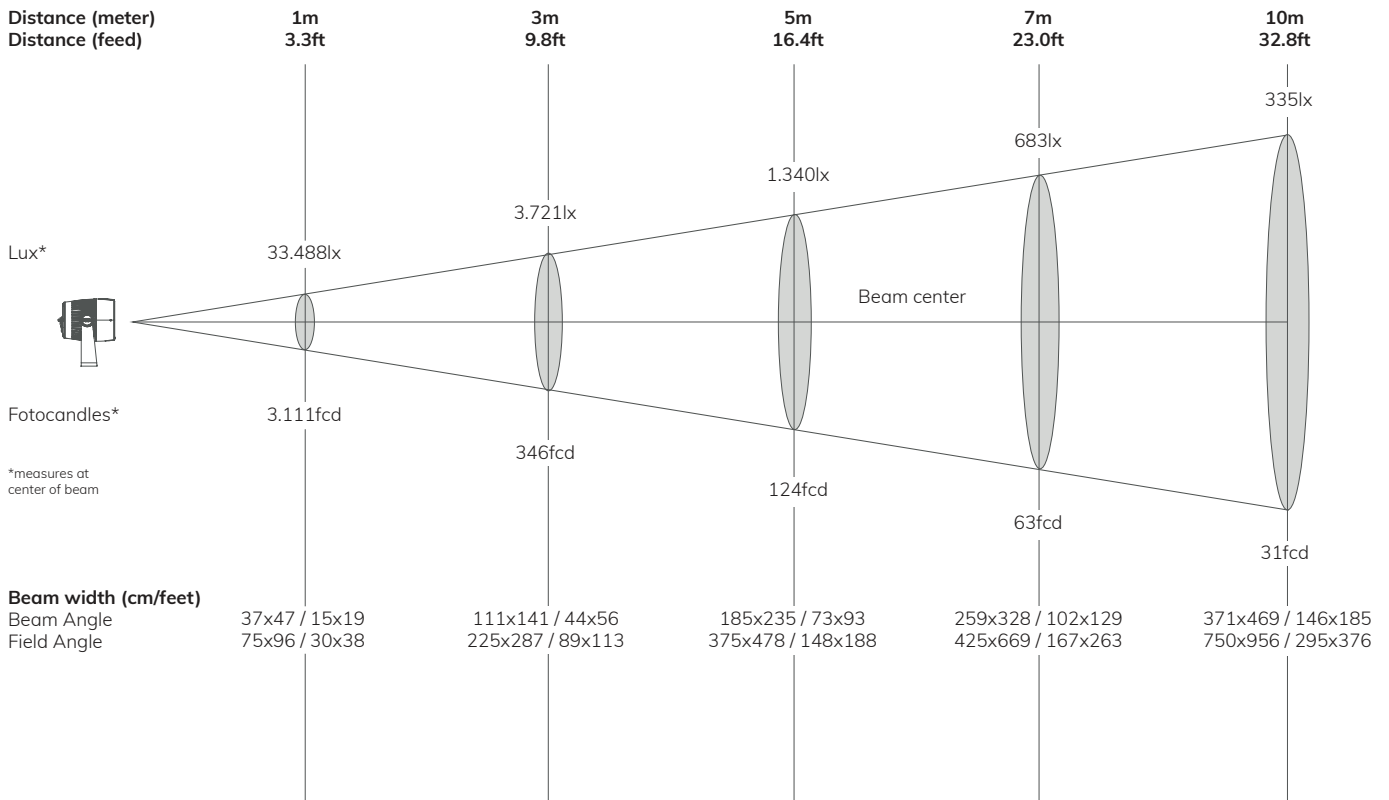
Photometric Report

ELLIPTICAL NARROW LENS

Report Summary

Photometrical Parameters	Optical Parameters	Electrical Parameters
Luminous Flux: 13.222 lm	Beam Angle (50%): 21,0° x 27,0°	Power Consumption: 215,0 W
Illuminance @5m: 1.340lx / 124fcd	Field Angle (10%): 41,0° x 51,0°	AC Supply: 219,6 V, 50Hz
Fixture Efficacy: 61,51lm/W		Current: 1,06A
		Power Factor: 0,93

Beam Details



Angle	Distance									
	1m/3.3ft		3m/9.8ft		5m/16.4ft		7m/23ft		10m/32.8ft	
	Lux Center lx/fcd	Diameter cm/inch	Lux Center lx/fcd	Diameter cm/inch	Lux Center lx/fcd	Diameter cm/inch	Lux Center lx/fcd	Diameter cm/inch	Lux Center lx/fcd	Diameter cm/inch
Beam angle: 21°x27°	33.488/ 3.111	37x67/ 15x26	3.721/ 346	111x141/ 44x56	1.340/ 124	185x235/ 73x93	683/ 63	259x328/ 102x129	335/ 31	371x469/ 146x185
Field angle: 41°x51°		75x96/ 30x38		225x287/ 89x113		375x478/ 148x188		525x669/ 207x263		750x956/ 295x376

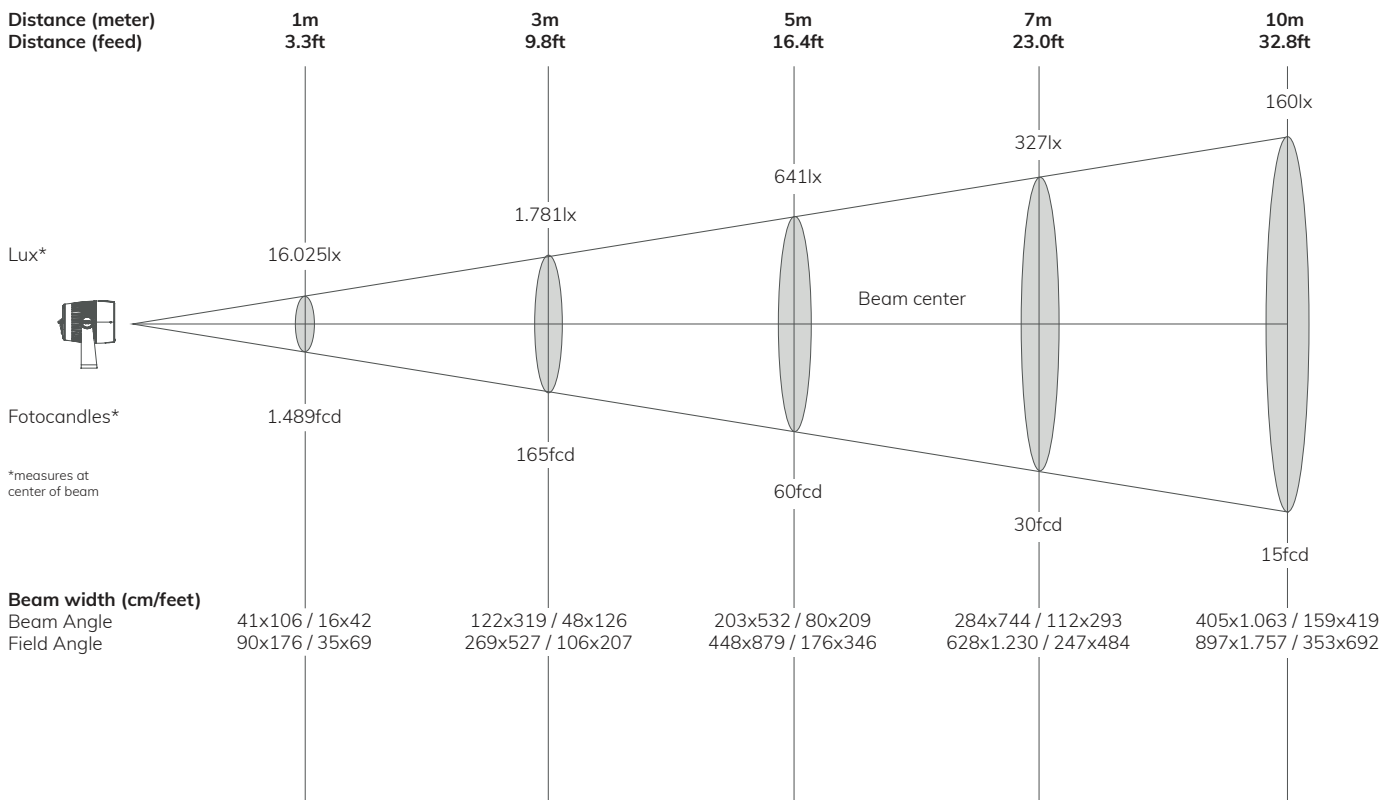
Photometric Report

ELLIPTICAL WIDE LENS

Report Summary

Photometrical Parameters	Optical Parameters	Electrical Parameters
Luminous Flux: 13.222 lm	Beam Angle (50%): 22°x57°	Power Consumption: 215,0 W
Illuminance @5m: 641lx / 60fcd	Field Angle (10%): 48°x83°	AC Supply: 219,6 V, 50Hz
Fixture Efficacy: 61,51lm/W		Current: 1,06A
		Power Factor: 0,93

Beam Details



Angle	Distance									
	1m/3.3ft		3m/9.8ft		5m/16.4ft		7m/23ft		10m/32.8ft	
	Lux Center lx/fcd	Diameter cm/inch	Lux Center lx/fcd	Diameter cm/inch	Lux Center lx/fcd	Diameter cm/inch	Lux Center lx/fcd	Diameter cm/inch	Lux Center lx/fcd	Diameter cm/inch
Beam angle: 22°x57°	16.025/ 1.489	41x106/ 16x42	1.781/ 165	122x319/ 48x126	641/ 60	203x532/ 80x209	327/ 30	284x744/ 112x293	160/ 15	405x1.063/ 159x419
Field angle: 48°x83°		90x176/ 35x69		269x527/ 106x207		448x879/ 176x346		628x1230/ 247x484		897x1.757/ 353x692

