

E.SHOW T / A.SHOW T



PHOTOMETRICS REPORT

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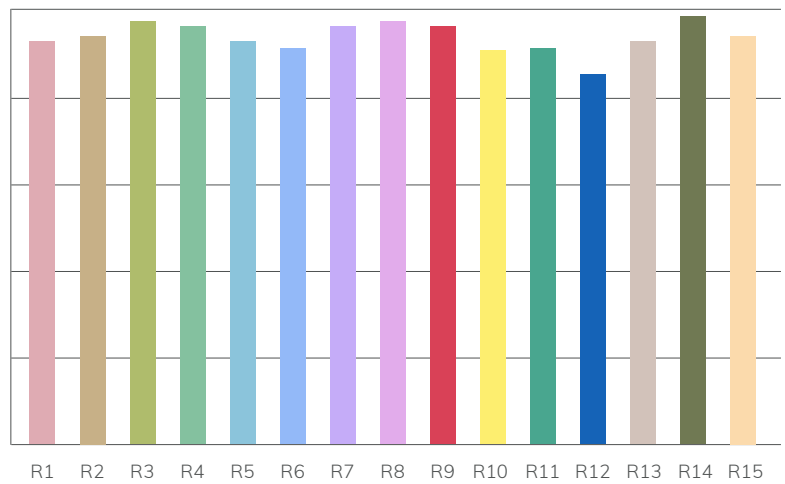
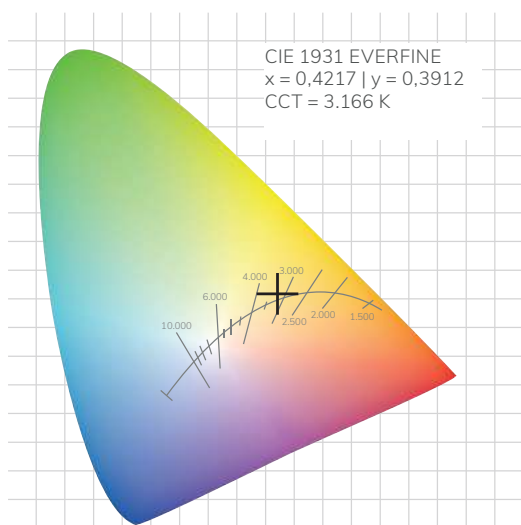
ROXX[®] Entertainment SHOW Series offers very high performance, weatherproof fixtures and features Single-Source-LEDs that produce an incredibly smooth lighting and uniform colors, providing a solution for any requirement. The LED variations range from a Tunable White over to a Full Color to a pure Tungsten and up to a Daylight version. Each one reaching an exceptionally good light quality with high CRI / TLCl and a massive light luminosity. The E.SHOW T & A.SHOW T (Tungsten) convinces with incredibly homogenous light due to the 200W warm white LED with 3.200 Kelvin color temperature. With a service life of 50.000 hours and a boost in brightness and white light quality, the fixture is the perfect energy-saving alternative to conventional 1.000W halogen spotlights. The outstandingly natural reproduction of colors and skin tones makes the E.SHOW T & A.SHOW T 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°, 35°, 55° 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.

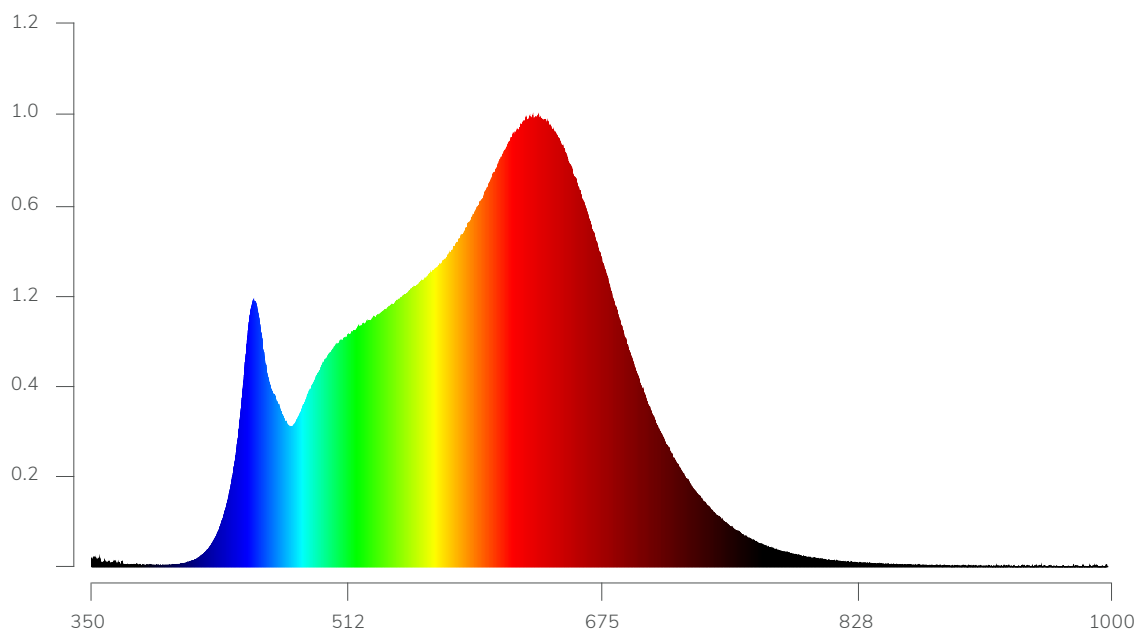
Chromaticity Report

Report Summary

Photometrical Parameters	Electrical Parameters
Total Lumens: 10.743lm	Power Consumption: 215,4 W
Fixture Efficacy: 49,86lm/W	AC Supply: 219,6 V, 50Hz
CCT: 3.166 Kelvin	Current: 1,05A
CRI/Ra: 96,1	Power Factor: 0,93
TLCI: 98,4	
TM-30-15: Rf 95 / Rg 102	
Chromaticity Coordinate CIE 1931: x 0,4217 y 0,3912	



Spectrum



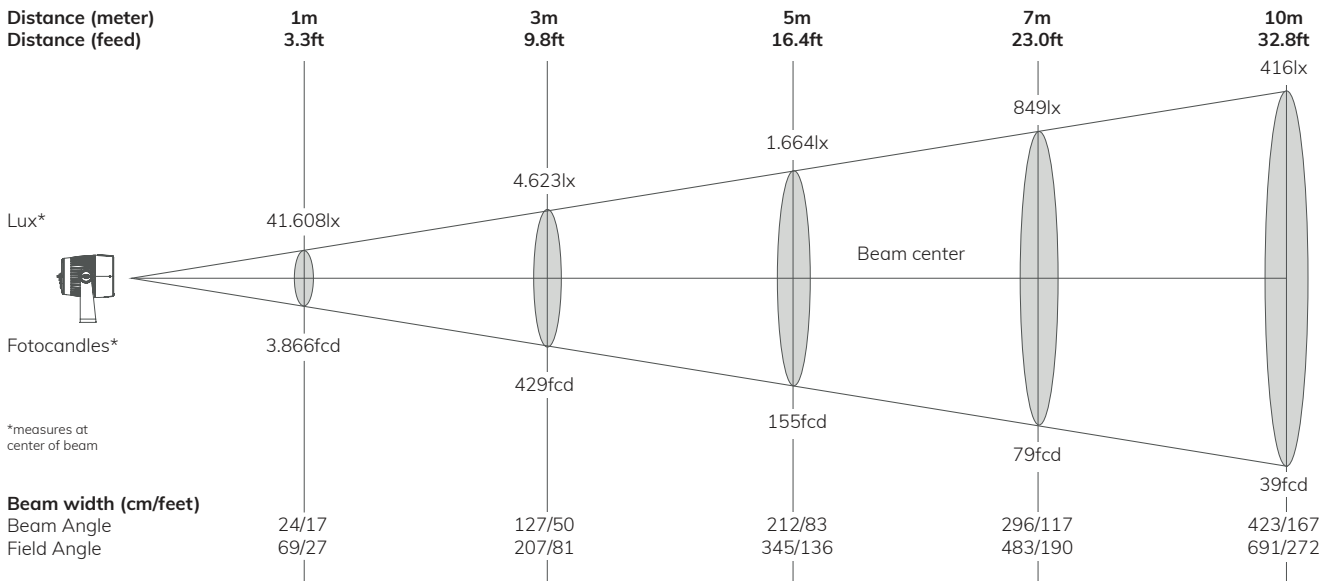
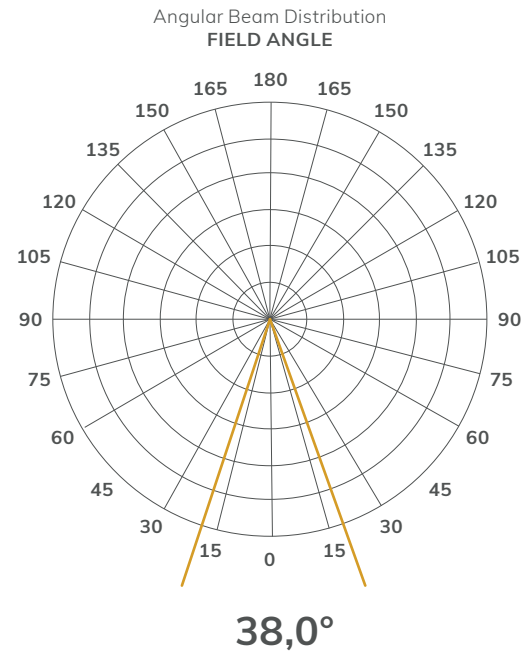
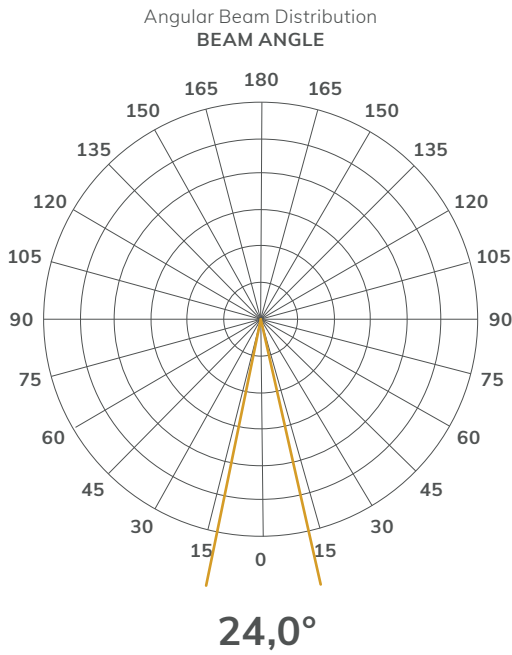
Photometric Report

NARROW LENS

Report Summary

Photometrical Parameters	Optical Parameters	Electrical Parameters
Luminous Flux: 10.743 lm	Beam Angle (50%): 24,0°	Power Consumption: 215,5 W
Illuminance @5m: 1664lx / 155fcd	Field Angle (10%): 38,0°	AC Supply: 219,7 V, 50Hz
Fixture Efficacy: 49,87lm/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°	41.608/ 3.866	42/17	4.623/ 429	127/50	1664/ 155	212/83	849/ 79	296/117	416/ 39	423/167
Field angle: 38°		69/27	207/81		345/136		483/190		691/272	

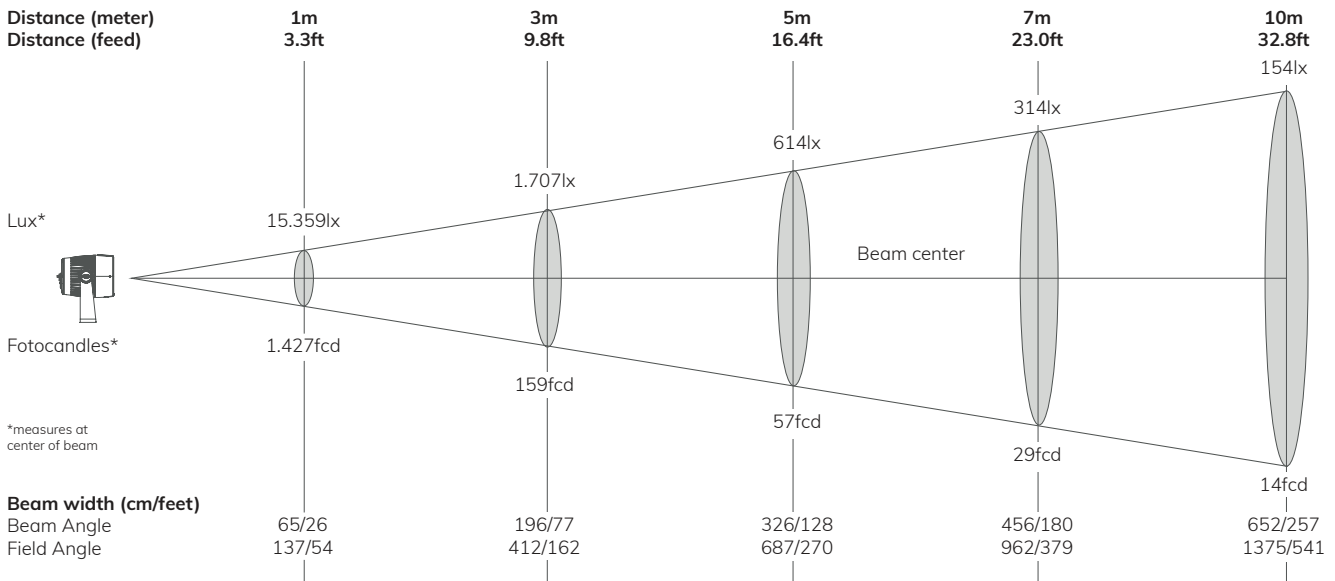
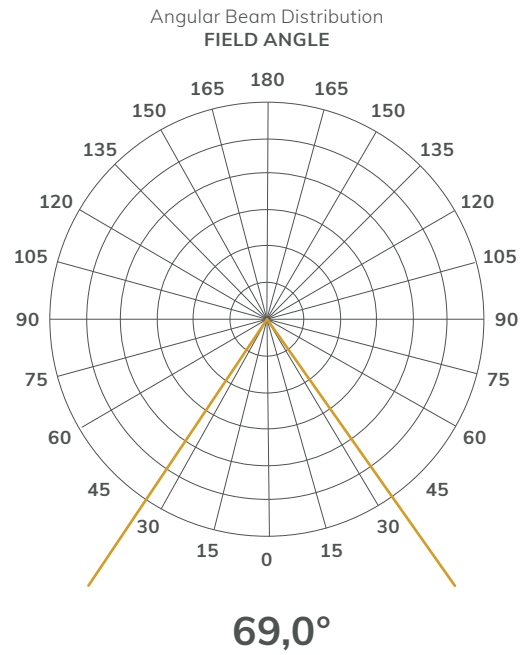
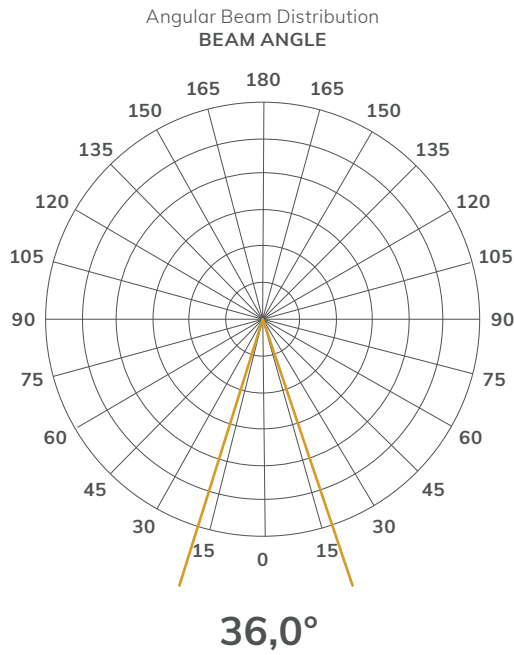
Photometric Report

MEDIUM LENS

Report Summary

Photometrical Parameters	Optical Parameters	Electrical Parameters
Luminous Flux: 10.743 lm	Beam Angle (50%): 36,0°	Power Consumption: 215,5 W
Illuminance @5m: 614lx / 57fcd	Field Angle (10%): 69,0°	AC Supply: 219,7 V, 50Hz
Fixture Efficacy: 49,87lm/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°	15.359/ 1427	65/26	1.707/ 159	196/77	614/ 57	326/128	314/ 29	456/180	154/ 14	652/257
Field angle: 69°		137/54		412/162		687/270		962/379		1375/541

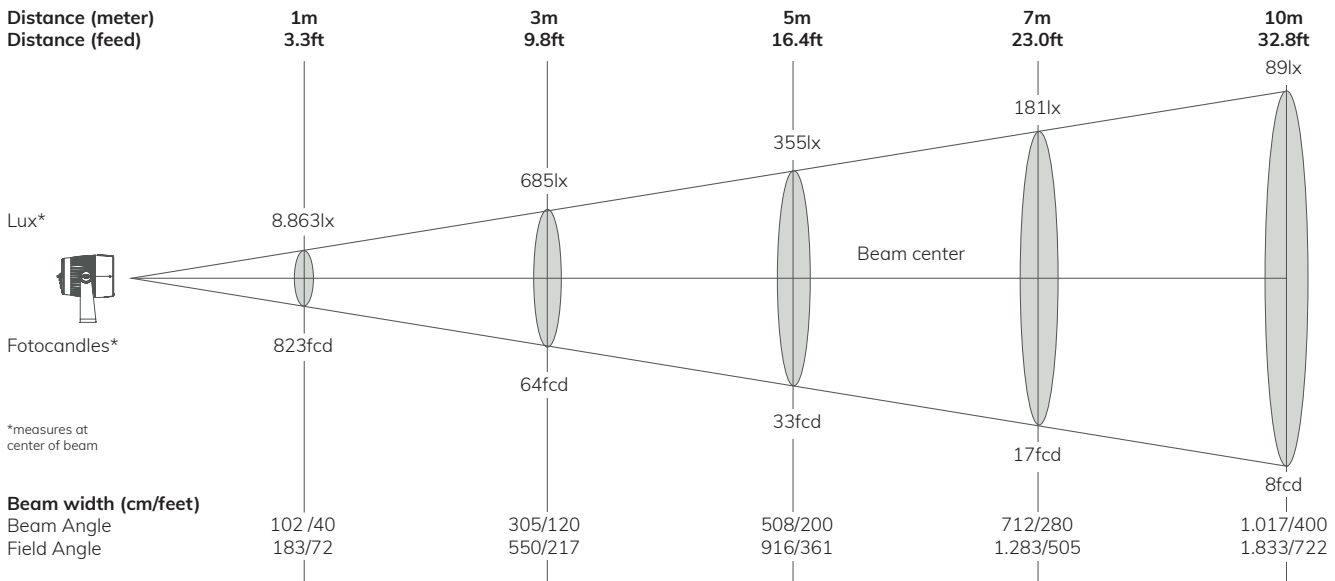
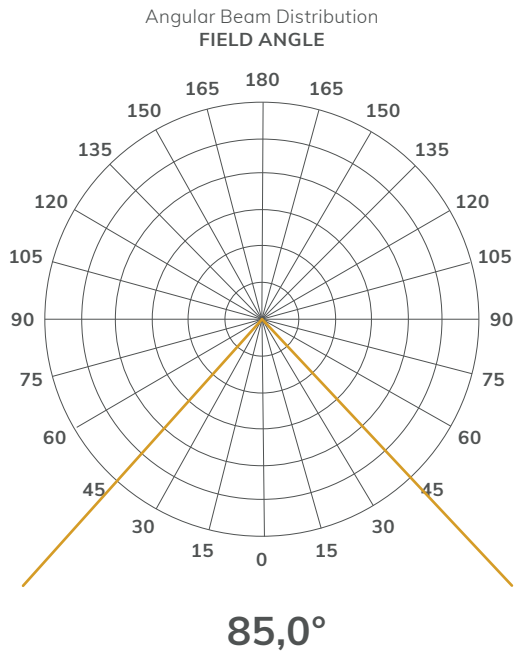
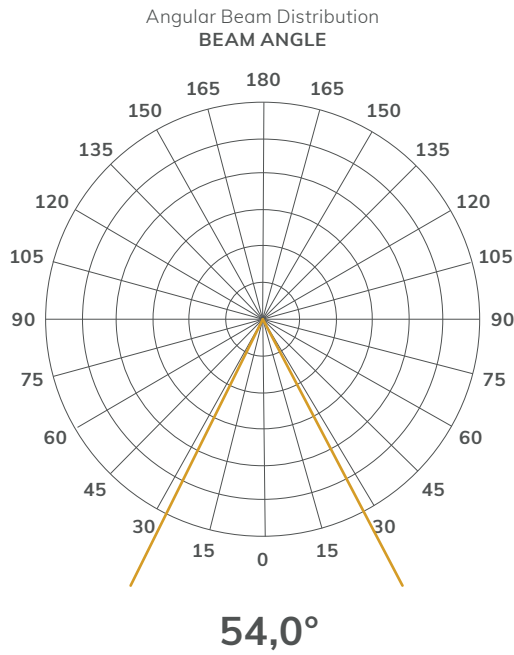
Photometric Report

WIDE LENS

Report Summary

Photometrical Parameters	Optical Parameters	Electrical Parameters
Luminous Flux: 10.743 lm	Beam Angle (50%): 54,0°	Power Consumption: 215,5 W
Illuminance @5m: 355lx / 33fcd	Field Angle (10%): 85,0°	AC Supply: 219,7 V, 50Hz
Fixture Efficacy: 49,87lm/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°	8.863/ 823	102 / 40	685/ 64	305/120	355/ 33	508/200	181/ 17	712/280	89/ 8	1.017/400
Field angle: 85°		183/72		550/217		916/361		1.283/505		1.833/722

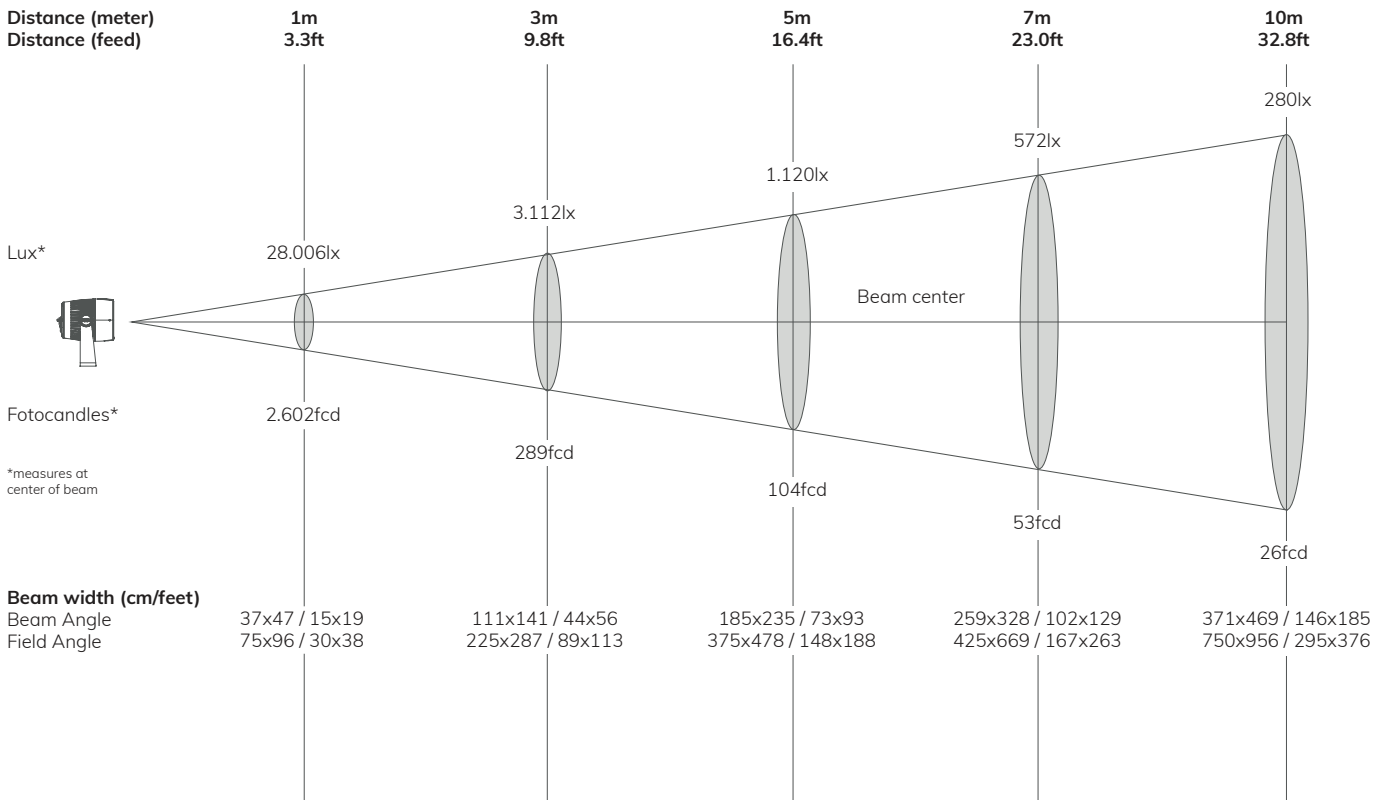
Photometric Report

ELLIPTICAL NARROW LENS

Report Summary

Photometrical Parameters	Optical Parameters	Electrical Parameters
Luminous Flux: 10.743 lm	Beam Angle (50%): 21°x27°	Power Consumption: 205,3 W
Illuminance @5m: 1120lx / 104fcd	Field Angle (10%): 41°x51°	AC Supply: 219,7 V, 50Hz
Fixture Efficacy: 49,87lm/W		Current: 1,05 A
		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°	28.006/ 2.602	37x47/ 15x19	3.112/ 289	111x141/ 44x56	1.120/ 104	185x235/ 73x93	572/ 53	259x328/ 102x129	280/ 26	371x469/ 146x185
Field angle: 41°x51°		75x96/ 30x38		225x287/ 89x113		375x478/ 148x188		425x669/ 167x263		750x956/ 295x376

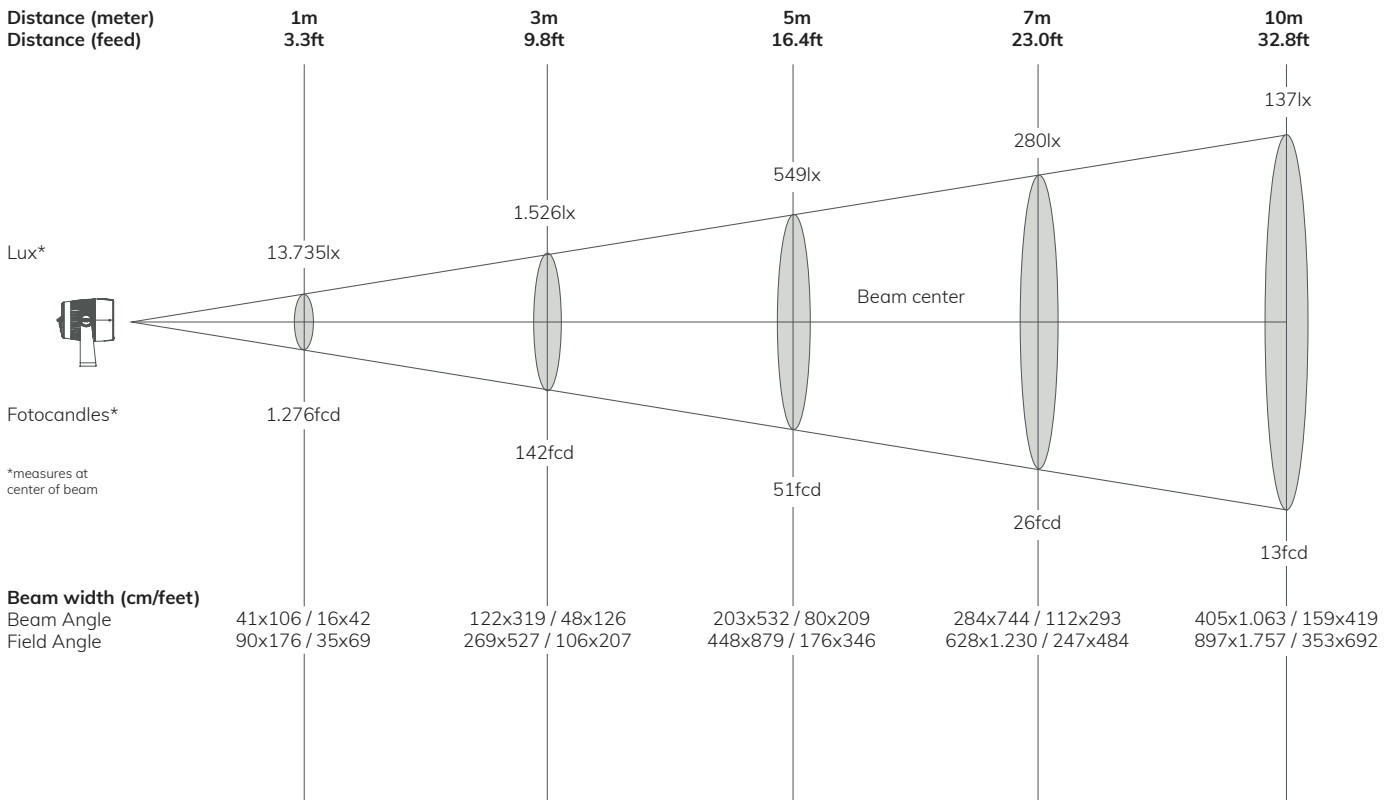
Photometric Report

ELLIPTICAL WIDE LENS

Report Summary

Photometrical Parameters	Optical Parameters	Electrical Parameters
Luminous Flux: 10.743 lm	Beam Angle (50%): 22°x57°	Power Consumption: 205,3 W
Illuminance @5m: 549lx / 51fcd	Field Angle (10%): 48°x82°	AC Supply: 219,7 V, 50Hz
Fixture Efficacy: 49,87lm/W		Current: 1,05 A
		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°	13.735/ 1.276	41x106/ 16x42	1.526/ 142	122x319/ 48x126	549/ 51	203x532/ 80x209	280/ 26	284x744/ 112x293	137/ 13	405x1.063/ 159x419
Field angle: 48°x83°		90x176/ 35x69		269x527/ 106x207		448x879/ 176x346		628x1.230/ 247x484		897x1.757/ 353x692

