

Photometric Report



Furion W402 wash beam (RGBW-zoom min), Zoom min, Ordercode 41440

REPORT SUMMARY

Output

Total Lumens:	1750 Lumen
Peak Intensity:	497332 candela
Illuminance @ 5m:	19878 lx
CRI:	0,0
CCT:	0 K

Optical

Beam Angle (50%)	3,1 °
Field Angle (10%)	4,2 °
Cut-off Angle (2,5%)	4,6 °

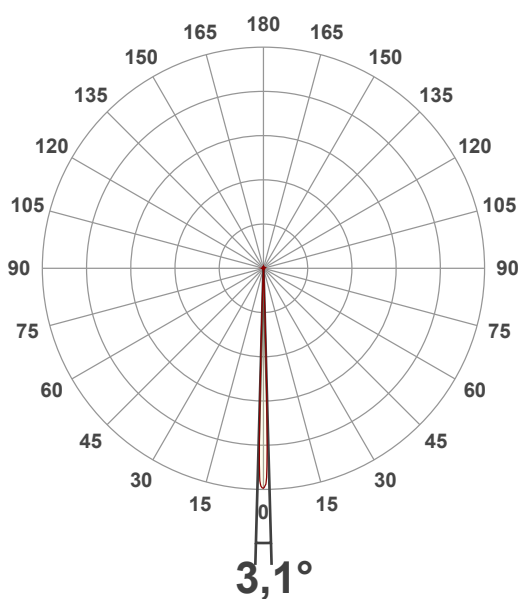
Conditions:

Power Supply:	225 V
Power:	357,2 W
Current:	1,62 A
Power Factor:	0,98

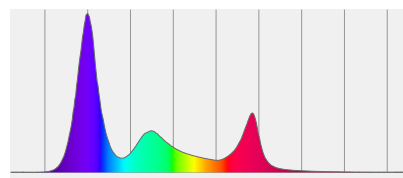


MEASUREMENTS

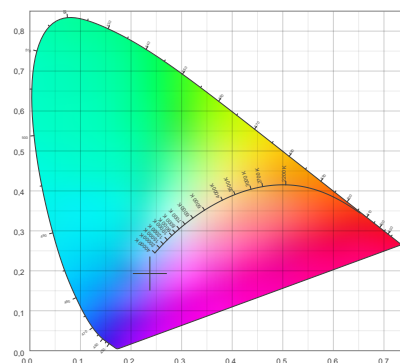
Angular Beam Distribution



Spectral Distribution



CIE 1931

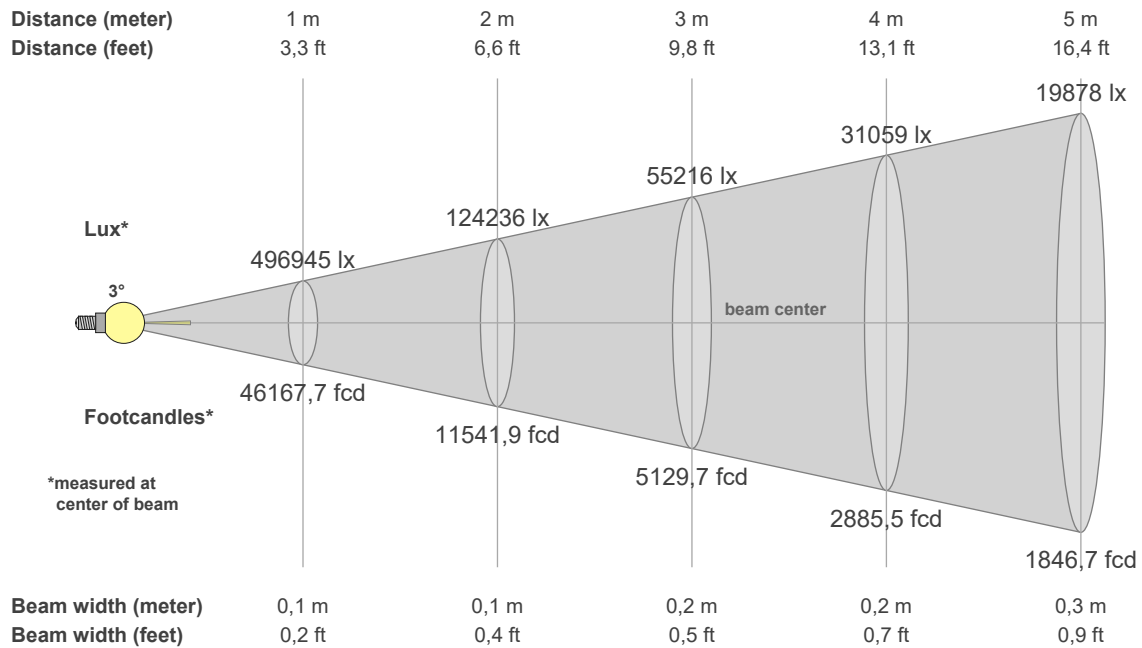


Photometric Report



Furion W402 wash beam (RGBW-zoom min), Zoom min, Ordercode 41440

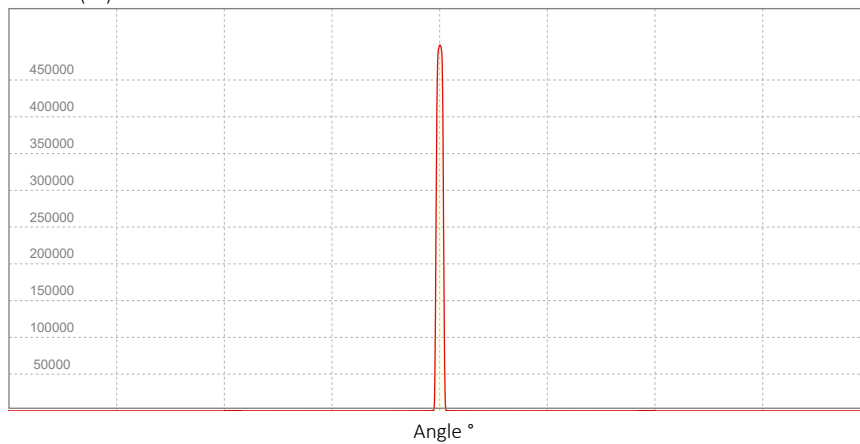
BEAM DETAILS



Beam Illuminances from 1-20m

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	19,7ft	23ft	26,2ft	29,5ft	32,8ft	36,1ft	39,4ft	42,7ft	45,9ft	49,2ft	52,5ft	55,8ft	59,1ft	62,3ft	65,6ft
496945lx	124236lx	55216lx	31059lx	19878lx	13804lx	10142lx	7765lx	6135lx	4969lx	4107lx	3451lx	2941lx	2535lx	2209lx	1941lx	1720lx	1534lx	1377lx	1242lx
46167,7fcd	11541,9fcd	5129,7fcd	2885,5fcd	1846,7fcd	1282,4fcd	942,2fcd	721,4fcd	570fcd	461,7fcd	381,6fcd	320,6fcd	273,2fcd	235,5fcd	205,2fcd	180,3fcd	159,7fcd	142,5fcd	127,9fcd	115,4fcd

Candela (cd) Linear Distribution Diagram



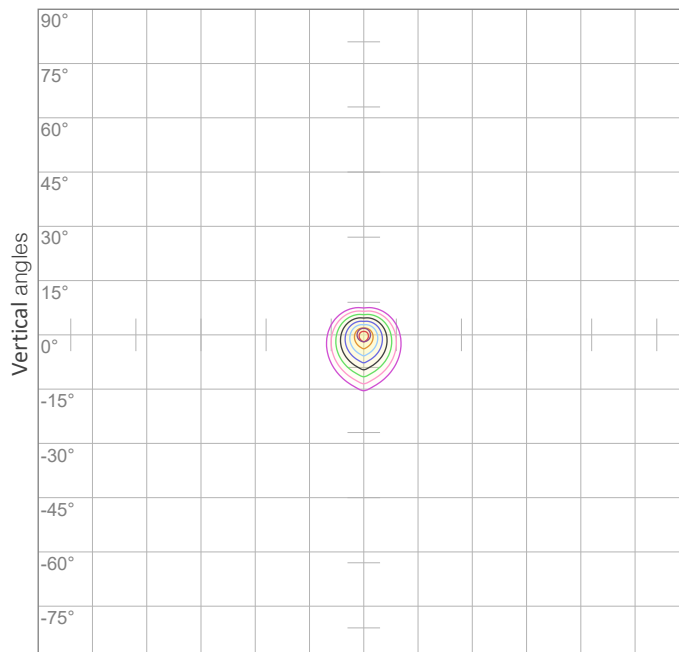
Beam Angle (50%): 3,1 °
Field Angle (10%): 4,2 °
Cutoff Angle (3%): 4,6 °

Photometric Report



Furion W402 wash beam (RGBW-zoom min), Zoom min, Ordercode 41440

POLAR DIAGRAMS



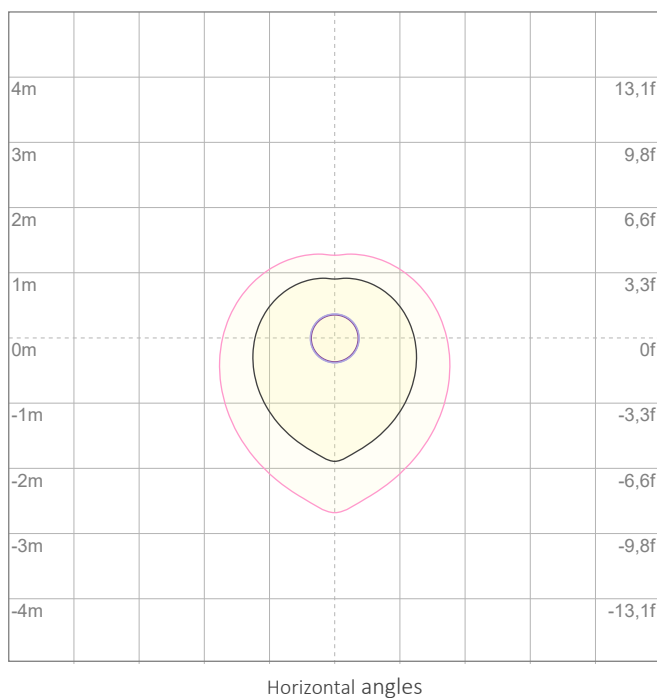
ISO candela diagram

10%	49694 cd
20%	99389 cd
30%	149083 cd
40%	198778 cd
50%	248472 cd
60%	298167 cd
70%	347861 cd

Conditions:

Number of c-planes: 2

Candela at center: 496945 cd



ISO lux diagram

3%	149 lx
5%	248 lx
10%	497 lx
30%	1491 lx
50%	2485 lx

Conditions:

Number of c-planes: 2

Lux at center: 4969 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters (33 feet)

Photometric Report



Furion W402 wash beam (RGBW-zoom min), Zoom min, Ordercode 41440

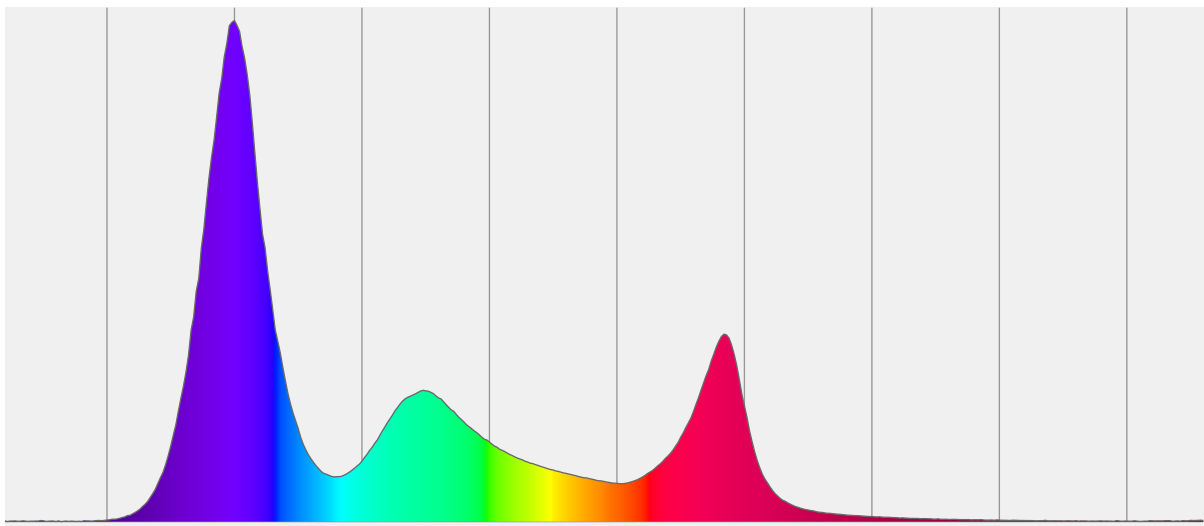
CHROMATICITY REPORT

Total Lumens: 1750 lm
Peak Intensity: 497332 cd
Fixture Efficiency: 5 Lumen/Watt

Color Temperature: 0 K
CRI: 0,0
CRI R9: 0,0
CQS: 0,0
TM-30 Rf: 0,0
TM-30 Rg: 0,0
 Δuv : n/a
1st Dominant Wavelength: 450 nm
2nd Dominant Wavelength: 642 nm



Spectral Distribution



Color

0 K
CIE 1931 Coordinates:
X: 0,237 Y: 0,193

Color Temperature

0 K

CRI

0,0

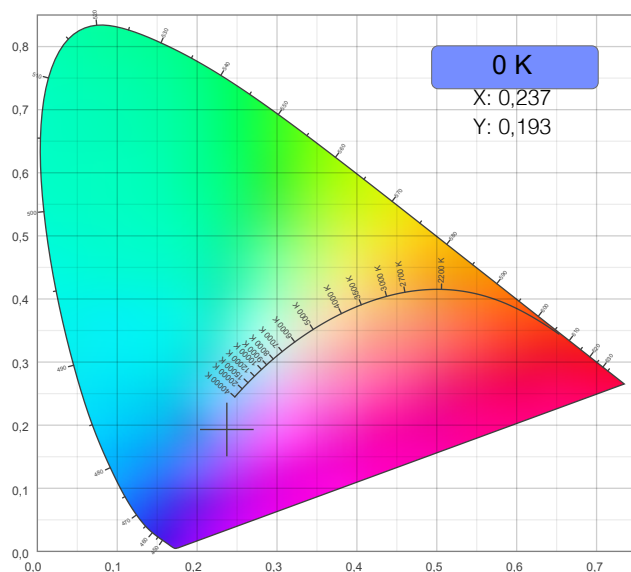
Photometric Report



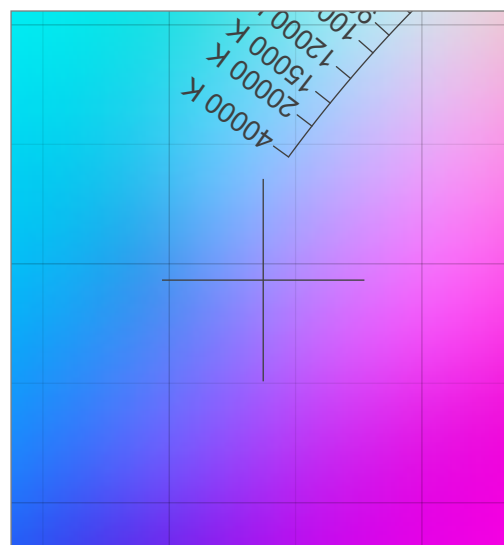
Furion W402 wash beam (RGBW-zoom min), Zoom min, Ordercode 41440

CHROMATICITY

CIE 1931



CIE 1931 - Detail



CRI: 0,0 (R1-R8)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	

CQSI: 0,0

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	

Photometric Report

infinity

Furion W402 wash beam (RGBW-zoom min), Zoom min, Ordercode 41440

TM-30-18 DETAILS

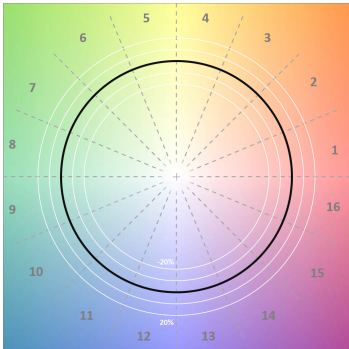
Rf 0,0

Fidelity index Rf

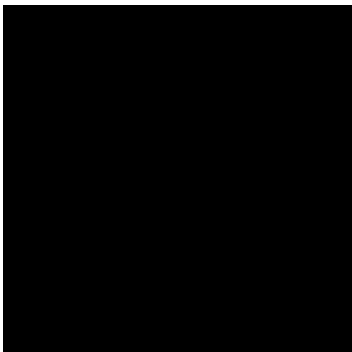
Rg 0,0

Gamut index Rg

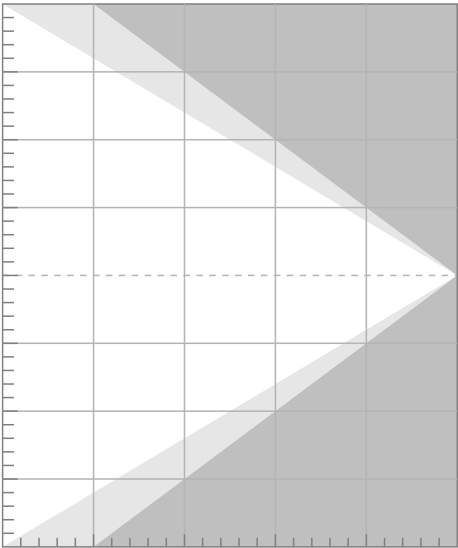
TM30-18 Color Vectors



TM30 Color Distortion



Hue Bin	Rf	Shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Rf by Hue Bin

TM30 Chroma Shift

TM30 Color Fidelity Sample Chart

C5109 C5108 C5107 C5106 C5105 C5104 C5103 C5102 C5101 C5100 C5099 C5098 C5097 C5096 C5095 C5094 C5093 C5092 C5091 C5090 C5089 C5088 C5087 C5086 C5085 C5084 C5083 C5082 C5081 C5080 C5079 C5078 C5077 C5076 C5075 C5074 C5073 C5072 C5071 C5070 C5069 C5068 C5067 C5066 C5065 C5064 C5063 C5062 C5061 C5060 C5059 C5058 C5057 C5056 C5055 C5054 C5053 C5052 C5051 C5050 C5049 C5048 C5047 C5046 C5045 C5044 C5043 C5042 C5041 C5040 C5039 C5038 C5037 C5036 C5035 C5034 C5033 C5032 C5031 C5030 C5029 C5028 C5027 C5026 C5025 C5024 C5023 C5022 C5021 C5020 C5019 C5018 C5017 C5016 C5015 C5014 C5013 C5012 C5011