

Photometric Report



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

REPORT SUMMARY

Output

Total Lumens:	3951 Lumen
Peak Intensity:	12032 candela
Illuminance @ 5m:	481 lx
CRI:	0,0
CCT:	0 K

Optical

Beam Angle (50%)	36,6 °
Field Angle (10%)	47,8 °
Cut-off Angle (2,5%)	54,6 °

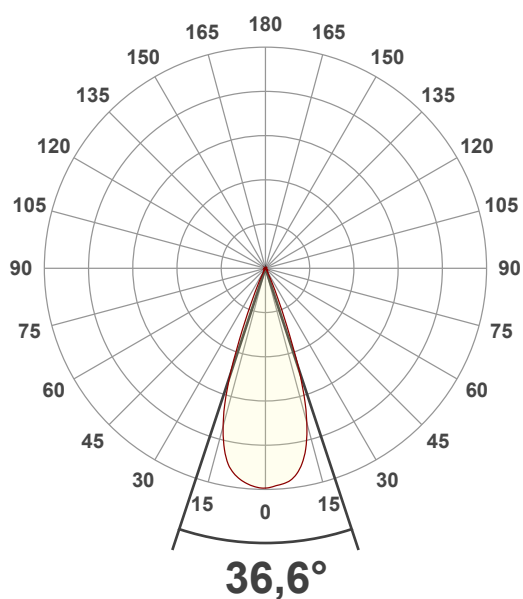
Conditions:

Power Supply:	223 V
Power:	356,8 W
Current:	1,63 A
Power Factor:	0,98

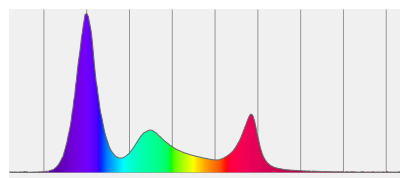


MEASUREMENTS

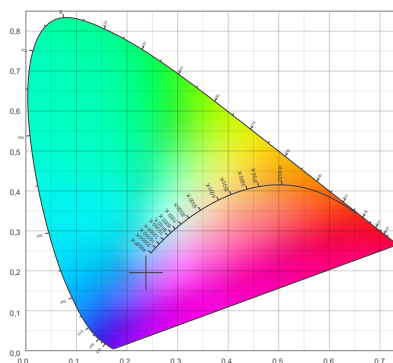
Angular Beam Distribution



Spectral Distribution



CIE 1931

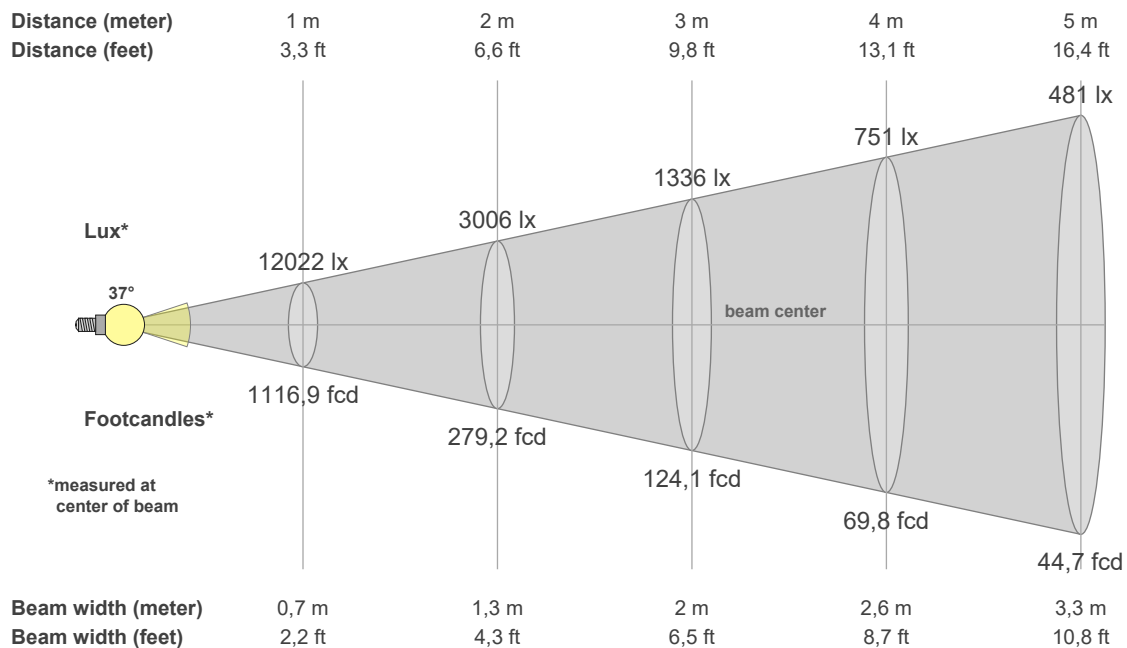


Photometric Report



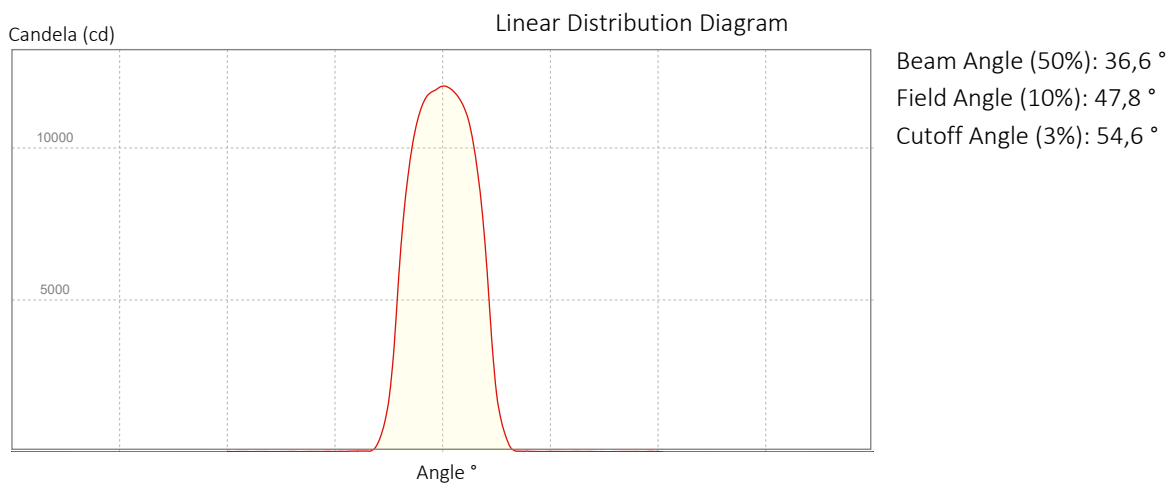
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BEAM DETAILS



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
12022lx	3006lx	1336lx	751lx	481lx	334lx	245lx	188lx	148lx	120lx	99lx	83lx	71lx	61lx	53lx	47lx	42lx	37lx	33lx	30lx
1116,9fcd	279,2fcd	124,1fcd	69,8fcd	44,7fcd	31fcd	22,8fcd	17,5fcd	13,8fcd	11,2fcd	9,2fcd	7,8fcd	6,6fcd	5,7fcd	5fcd	4,4fcd	3,9fcd	3,4fcd	3,1fcd	2,8fcd

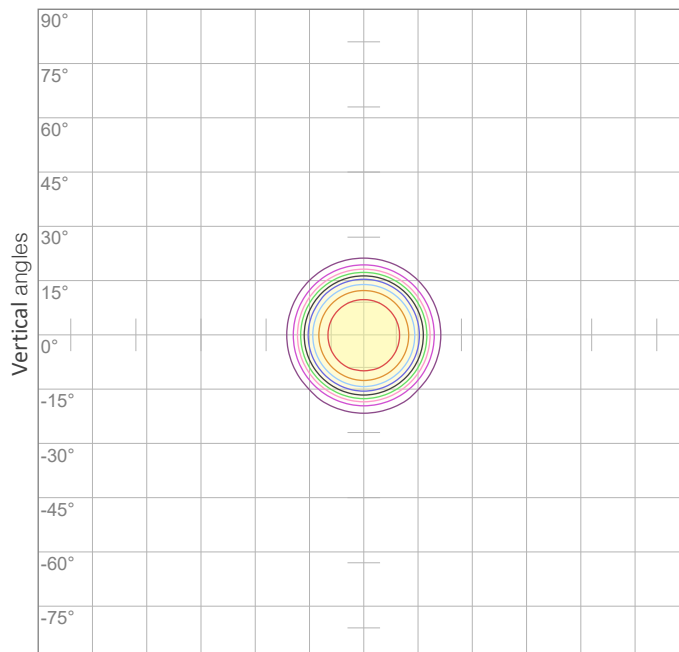


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POLAR DIAGRAMS



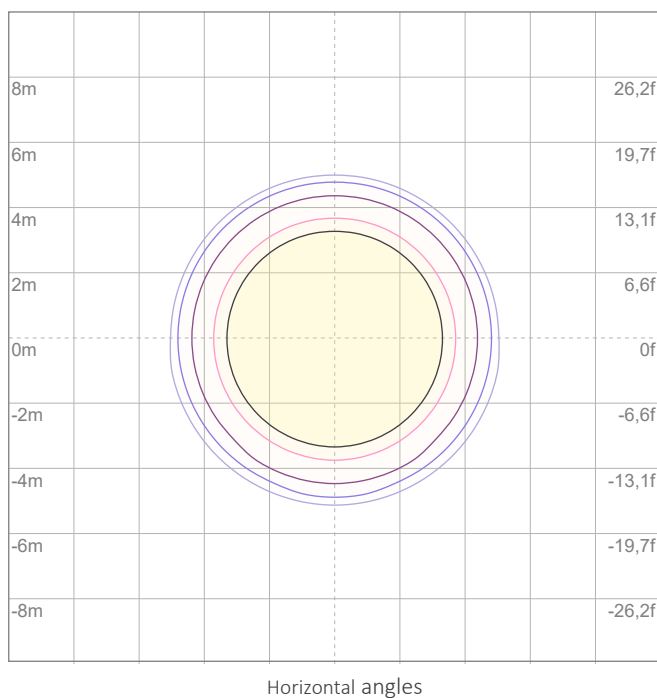
ISO candela diagram

10%	1202 cd
20%	2404 cd
30%	3607 cd
40%	4809 cd
50%	6011 cd
60%	7213 cd
70%	8415 cd

Conditions:

Number of c-planes: 2

Candela at center: 12022 cd



ISO lux diagram

3%	3,61 lx
5%	6,01 lx
10%	12,0 lx
30%	36,1 lx
50%	60,1 lx

Conditions:

Number of c-planes: 2

Lux at center: 120 lx

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

Mounting height: 10 meters (33 feet)

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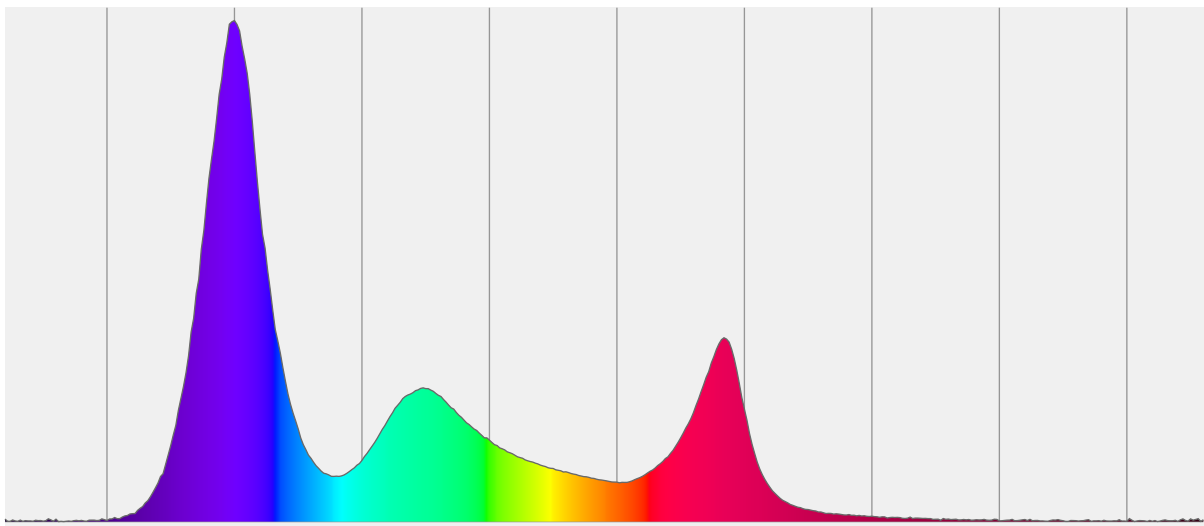
CHROMATICITY REPORT

Total Lumens: 3951 lm
Peak Intensity: 12032 cd
Fixture Efficiency: 11 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: 0,195

Color Temperature

0 K

CRI

0,0

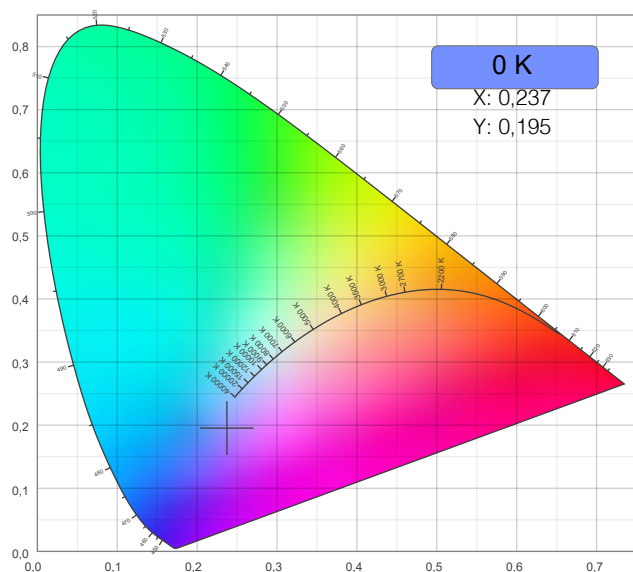
Photometric Report



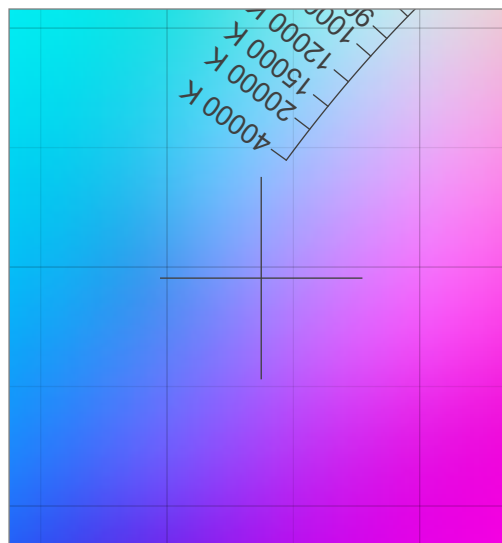
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CHROMATICITY

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	

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TM-30-18 DETAILS

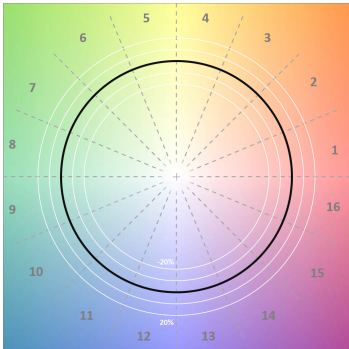
Rf 0,0

Fidelity index Rf

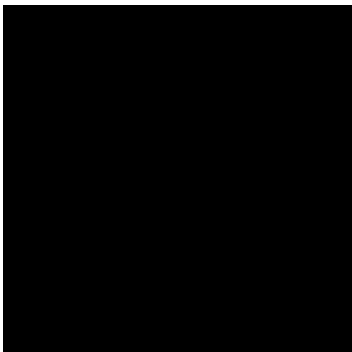
Rg 0,0

Gamut index Rg

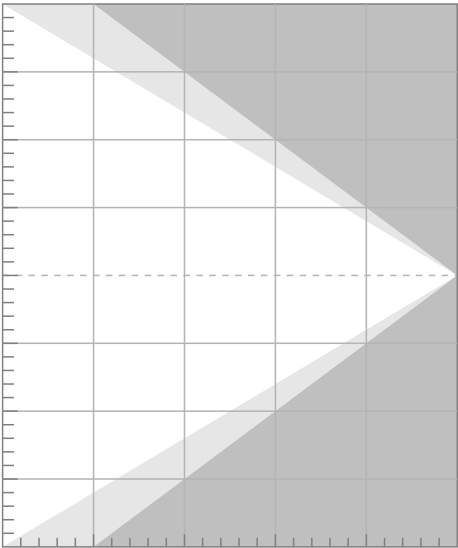
TM30-18 Color Vectors



TM30 Color Distortion



		Shifts (%)	
Hue Bin	ΔE	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

CES99 CES98 CES97 CES96 CES95 CES94 CES93 CES92 CES91 CES90 CES89 CES88 CES87 CES86 CES85 CES84 CES83 CES82 CES81 CES80 CES79 CES78 CES77 CES76 CES75 CES74 CES73 CES72 CES71 CES70 CES69 CES68 CES67 CES66 CES65 CES64 CES63 CES62 CES61 CES60 CES59 CES58 CES57 CES56 CES55 CES54 CES53 CES52 CES51 CES50 CES49 CES48 CES47 CES46 CES45 CES44 CES43 CES42 CES41 CES40 CES39 CES38 CES37 CES36 CES35 CES34 CES33 CES32 CES31 CES30 CES29 CES28 CES27 CES26 CES25 CES24 CES23 CES22 CES21 CES20 CES19 CES18 CES17 CES16 CES15 CES14 CES13 CES12 CES11