

Photometric Report



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

REPORT SUMMARY

Output

Total Lumens:	1112 Lumen
Peak Intensity:	117332 candela
Illuminance @ 5m:	4620 lx
CRI:	0,0
CCT:	0 K

Optical

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

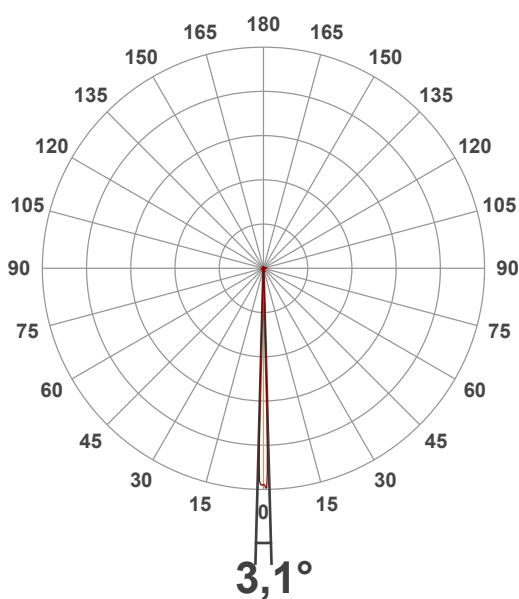
Conditions:

Power Supply:	224 V
Power:	113,2 W
Current:	0,553 A
Power Factor:	0,92

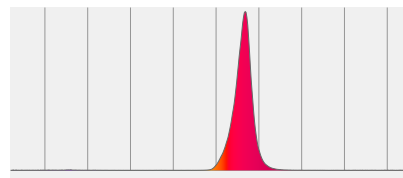


MEASUREMENTS

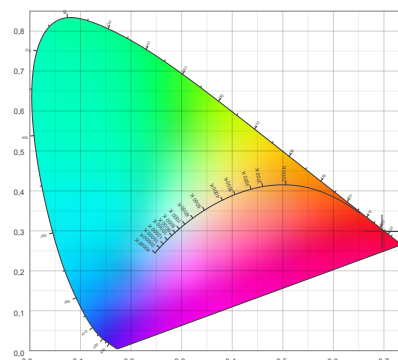
Angular Beam Distribution



Spectral Distribution



CIE 1931

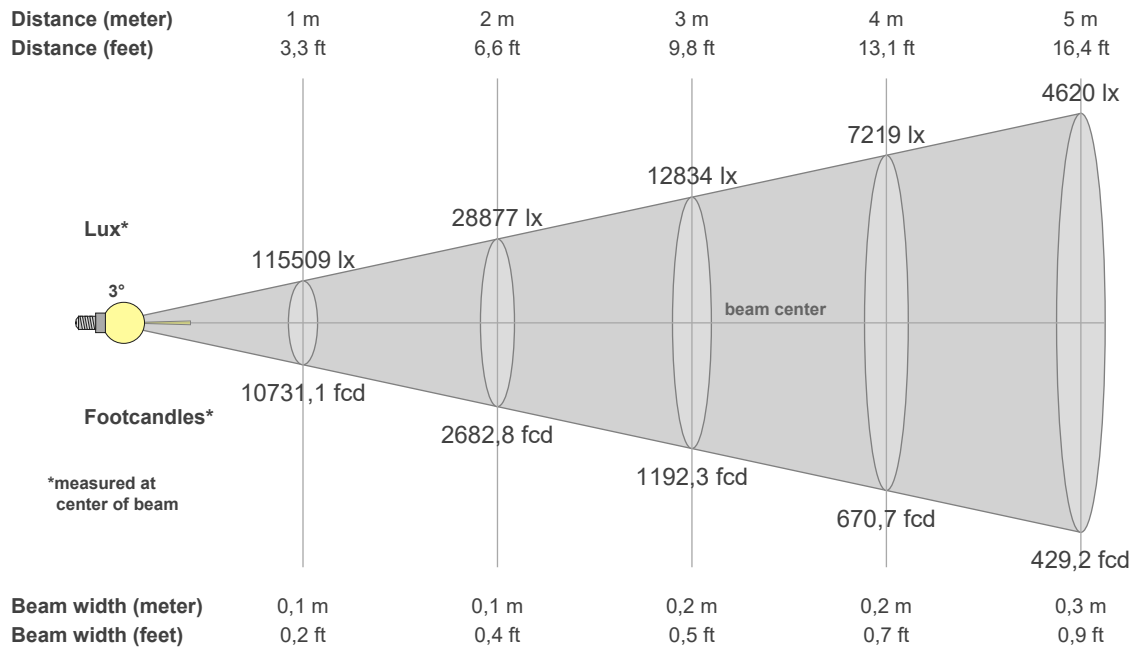


Photometric Report



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

BEAM DETAILS

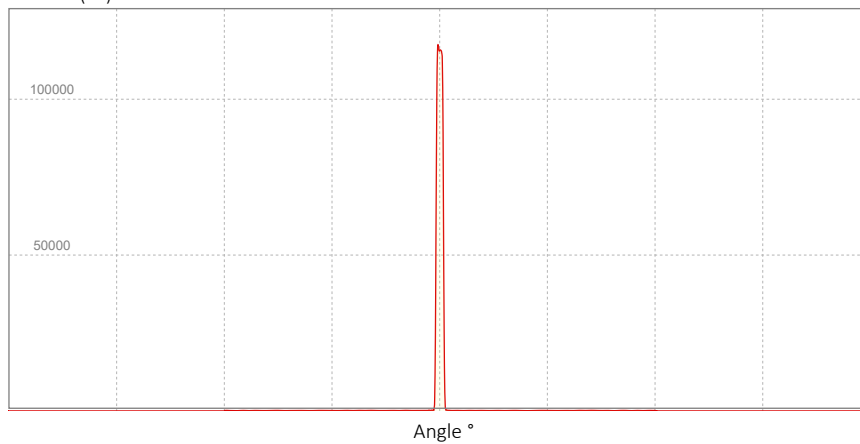


Beam Illuminances from 1-20m

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
115509lx	28877lx	12834lx	7219lx	4620lx	3209lx	2357lx	1805lx	1426lx	1155lx	955lx	802lx	683lx	589lx	513lx	451lx	400lx	357lx	320lx	289lx
10731,1fcd	2682,8fcd	1192,3fcd	670,7fcd	429,2fcd	298,1fcd	219fcd	167,7fcd	132,5fcd	107,3fcd	88,7fcd	74,5fcd	63,5fcd	54,8fcd	47,7fcd	41,9fcd	37,1fcd	33,1fcd	29,7fcd	26,8fcd

Candela (cd)

Linear Distribution Diagram



Beam Angle (50%): 3,1 °

Field Angle (10%): 4 °

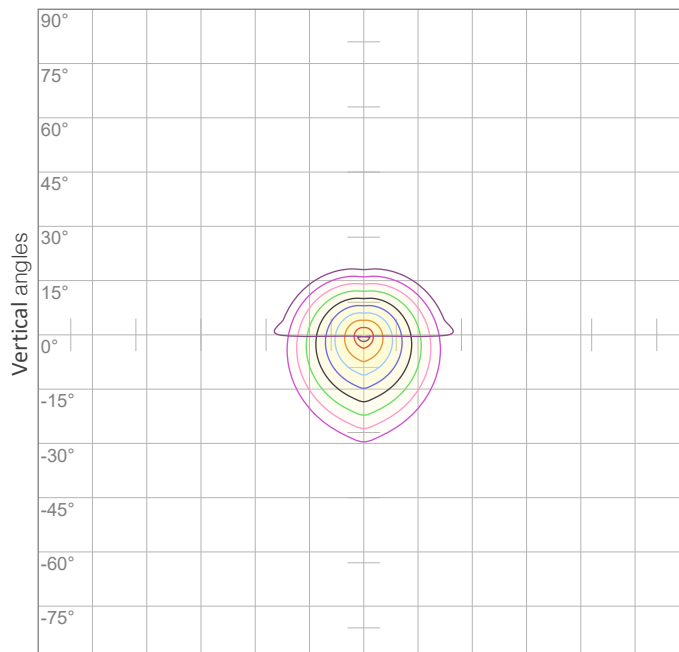
Cutoff Angle (3%): 4,4 °

Photometric Report



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

POLAR DIAGRAMS



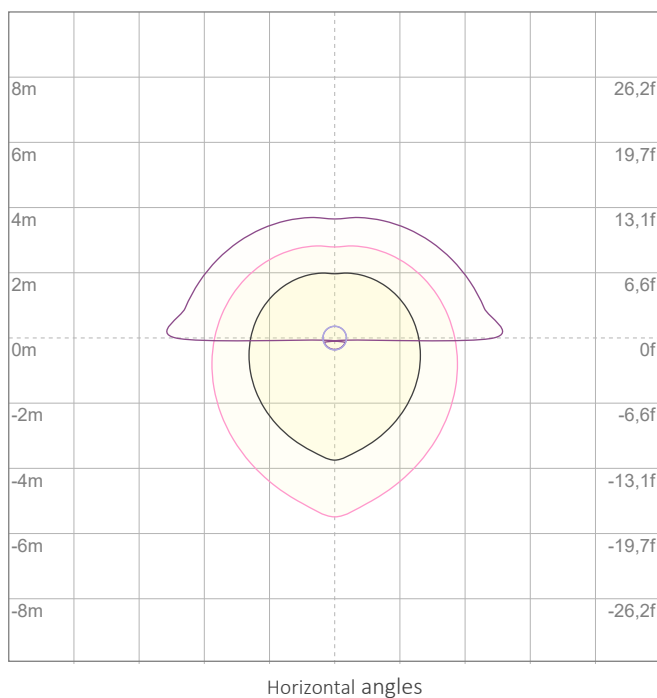
ISO candela diagram

10%	11551 cd
20%	23102 cd
30%	34653 cd
40%	46204 cd
50%	57755 cd
60%	69305 cd
70%	80856 cd

Conditions:

Number of c-planes: 2

Candela at center: 115509 cd



ISO lux diagram

3%	34,7 lx
5%	57,8 lx
10%	116 lx
30%	347 lx
50%	578 lx

Conditions:

Number of c-planes: 2

Lux at center: 1155 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 (R-zoom min), Zoom min, Ordercode 41440

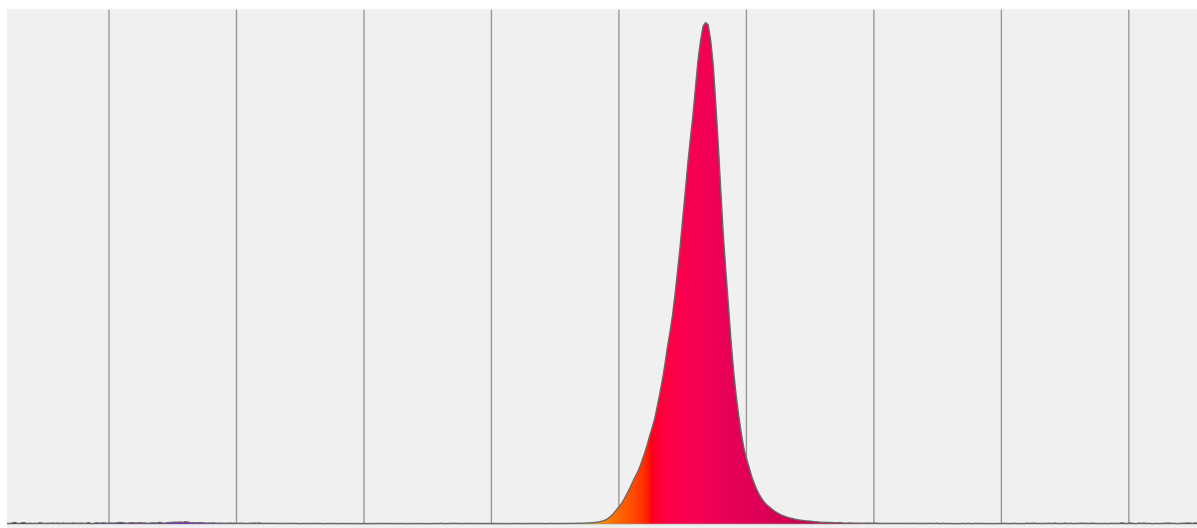
CHROMATICITY REPORT

Total Lumens: 1112 lm
Peak Intensity: 117332 cd
Fixture Efficiency: 10 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: 634 nm
2nd Dominant Wavelength: n/a nm



Spectral Distribution



Color

0 K
CIE 1931 Coordinates:
X: 0,696 Y: 0,298

Color Temperature

0 K

CRI

0,0

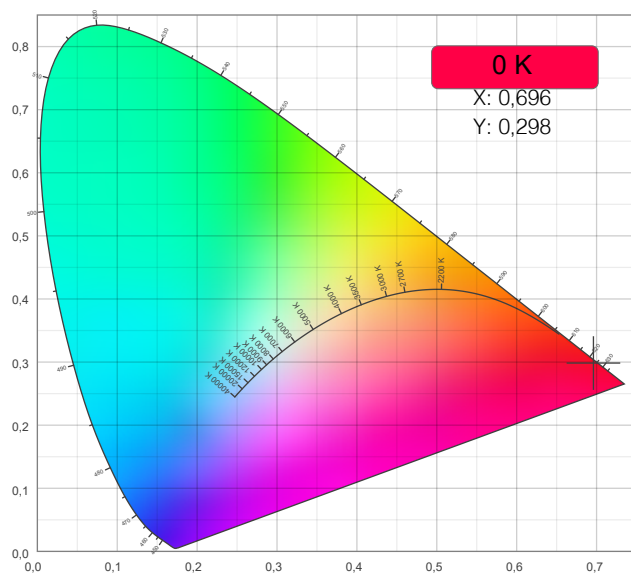
Photometric Report



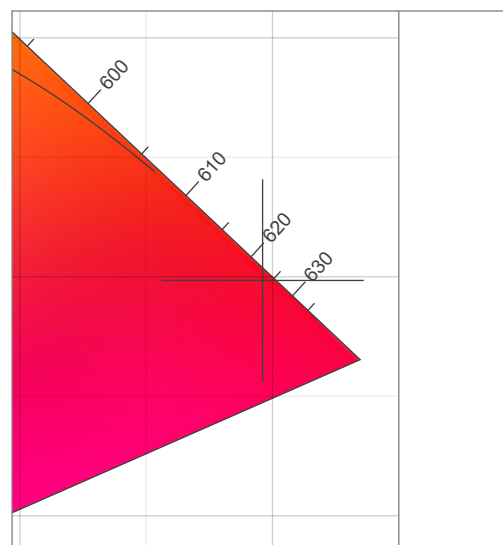
Furion W402 wash beam (R-zoom min), Zoom min, Ordercode 41440

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 (R-zoom min), Zoom min, Ordercode 41440

TM-30-18 DETAILS

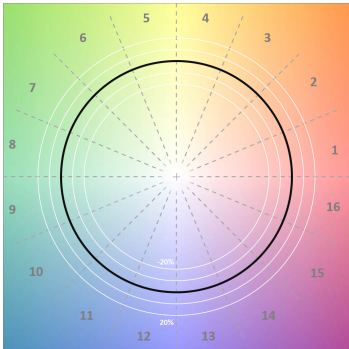
Rf 0,0

Fidelity index Rf

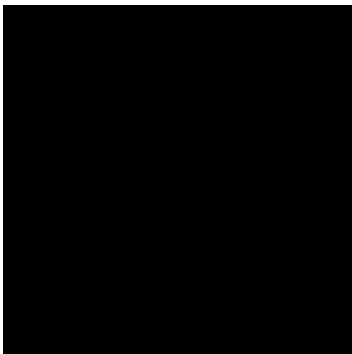
Rg 0,0

Gamut index Rg

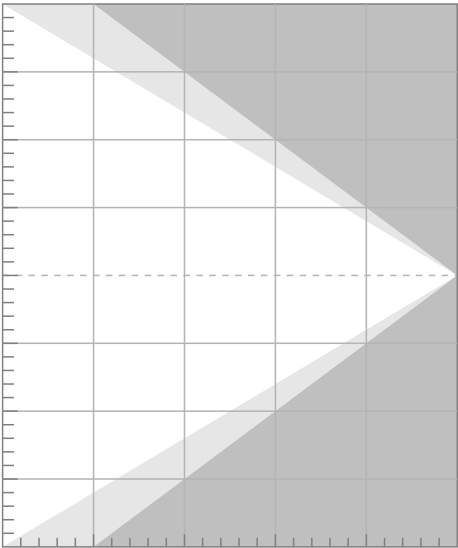
TM30-18 Color Vectors



TM30 Color Distortion



		Shifts (%)	
Hue Bin	<i>R_f</i>	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

CIE599 CIE598 CIE597 CIE596 CIE595 CIE594 CIE593 CIE592 CIE591 CIE590 CIE589 CIE588 CIE587 CIE586 CIE585 CIE584 CIE583 CIE582 CIE581 CIE580 CIE579 CIE578 CIE577 CIE576 CIE575 CIE574 CIE573 CIE572 CIE571 CIE570 CIE569 CIE568 CIE567 CIE566 CIE565 CIE564 CIE563 CIE562 CIE561 CIE560 CIE559 CIE558 CIE557 CIE556 CIE555 CIE554 CIE553 CIE552 CIE551 CIE550 CIE549 CIE548 CIE547 CIE546 CIE545 CIE544 CIE543 CIE542 CIE541 CIE540 CIE539 CIE538 CIE537 CIE536 CIE535 CIE534 CIE533 CIE532 CIE531 CIE530 CIE529 CIE528 CIE527 CIE526 CIE525 CIE524 CIE523 CIE522 CIE521 CIE520 CIE519 CIE518 CIE517 CIE516 CIE515 CIE514 CIE513 CIE512 CIE511