

Photometric Report



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

REPORT SUMMARY

Output

Total Lumens:	886 Lumen
Peak Intensity:	2618 candela
Illuminance @ 5m:	105 lx
CRI:	0,0
CCT:	0 K

Optical

Beam Angle (50%)	35,9 °
Field Angle (10%)	47,4 °
Cut-off Angle (2,5%)	54,8 °

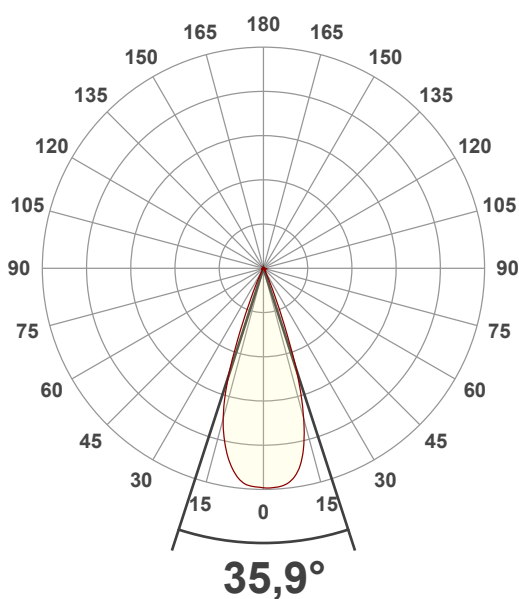
Conditions:

Power Supply:	224 V
Power:	112,2 W
Current:	0,548 A
Power Factor:	0,92

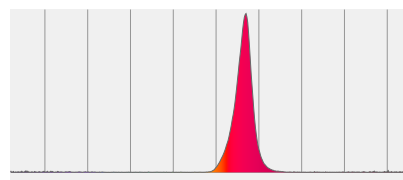


MEASUREMENTS

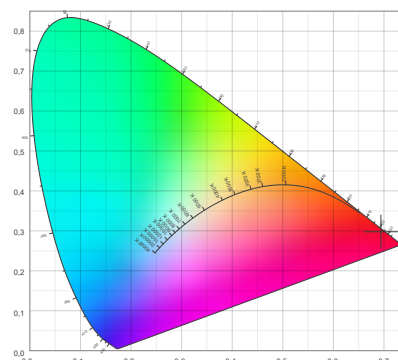
Angular Beam Distribution



Spectral Distribution



CIE 1931

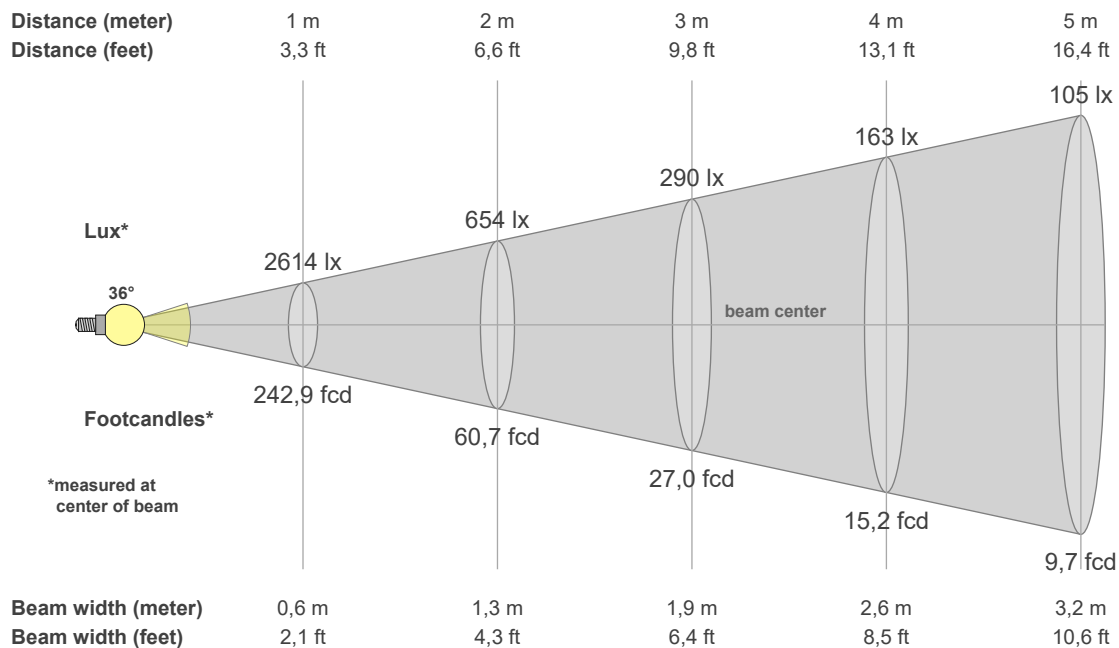


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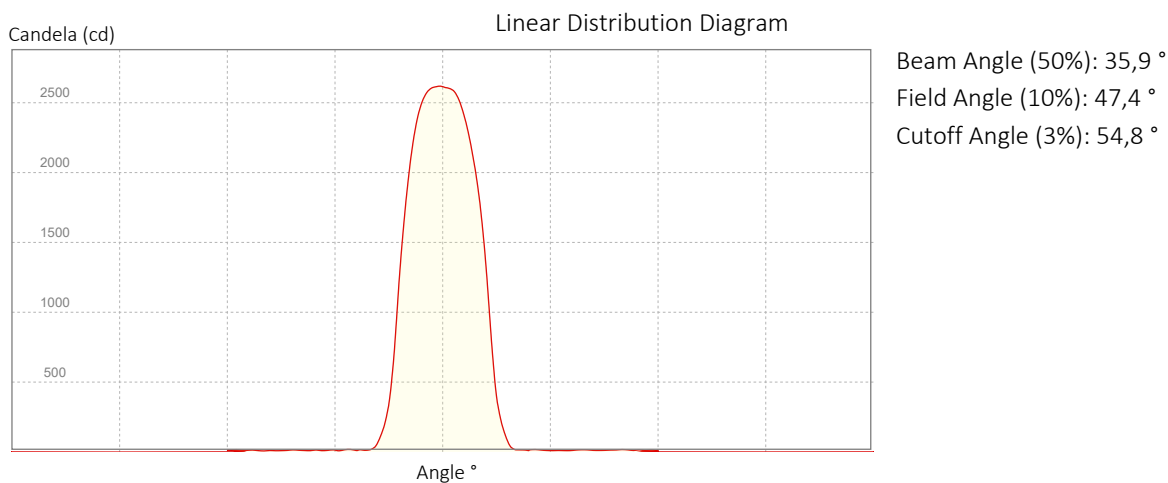
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BEAM DETAILS



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
2614lx	654lx	290lx	163lx	105lx	73lx	53lx	41lx	32lx	26lx	22lx	18lx	15lx	13lx	12lx	10lx	9lx	8lx	7lx	7lx
242,9fcd	60,7fcd	27fcd	15,2fcd	9,7fcd	6,7fcd	5fcd	3,8fcd	3fcd	2,4fcd	2fcd	1,7fcd	1,4fcd	1,2fcd	1,1fcd	0,9fcd	0,8fcd	0,7fcd	0,7fcd	0,6fcd

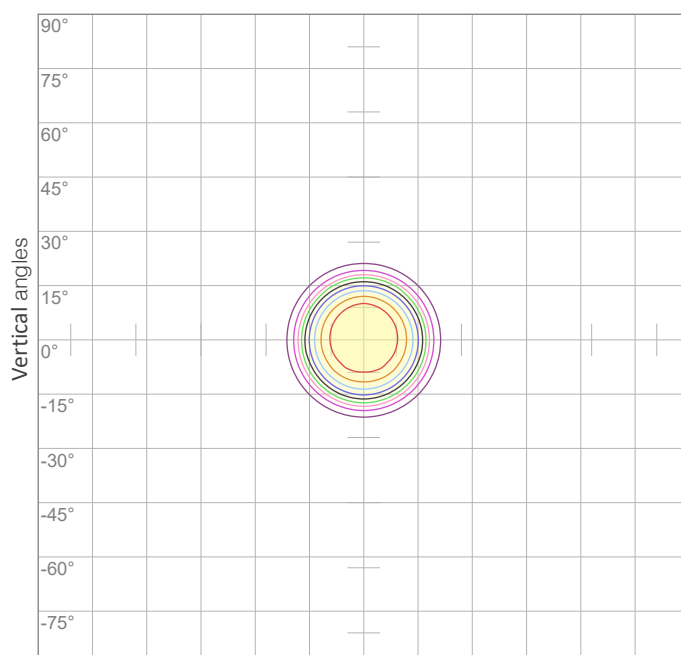


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POLAR DIAGRAMS



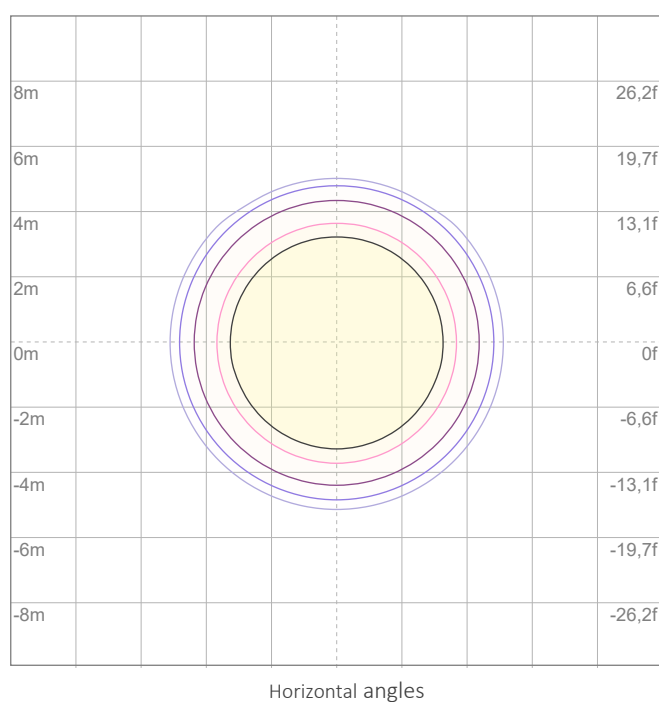
ISO candela diagram

10%	261 cd
20%	523 cd
30%	784 cd
40%	1046 cd
50%	1307 cd
60%	1568 cd
70%	1830 cd

Conditions:

Number of c-planes: 2

Candela at center: 2614 cd



ISO lux diagram

3%	0,784 lx
5%	1,31 lx
10%	2,61 lx
30%	7,84 lx
50%	13,1 lx

Conditions:

Number of c-planes: 2

Lux at center: 26,1 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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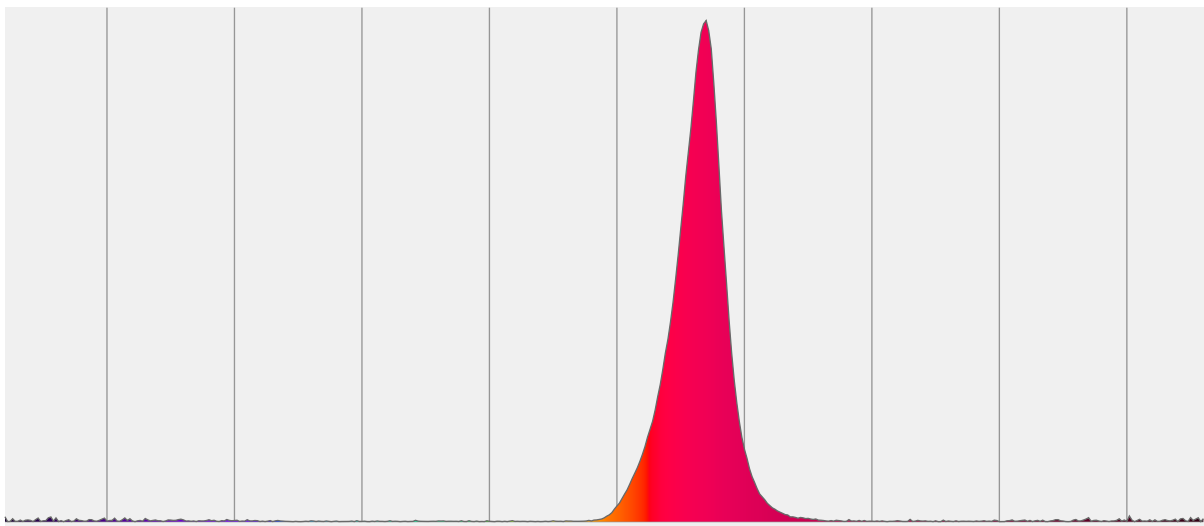
CHROMATICITY REPORT

Total Lumens: 886 lm
Peak Intensity: 2618 cd
Fixture Efficiency: 8 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: 635 nm
2nd Dominant Wavelength: n/a nm



Spectral Distribution



Color

0 K
CIE 1931 Coordinates:
X: 0,694 Y: 0,298

Color Temperature

0 K

CRI

0,0

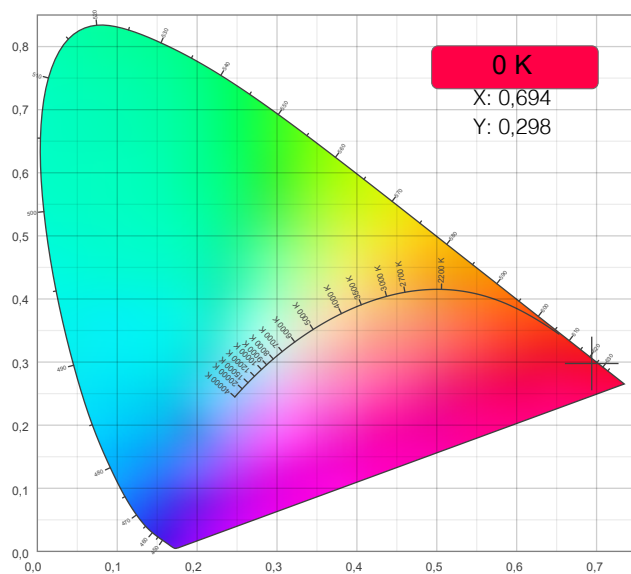
Photometric Report



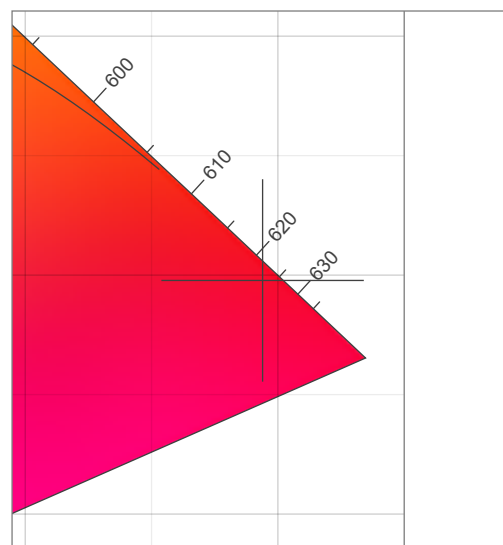
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CHROMATICITY

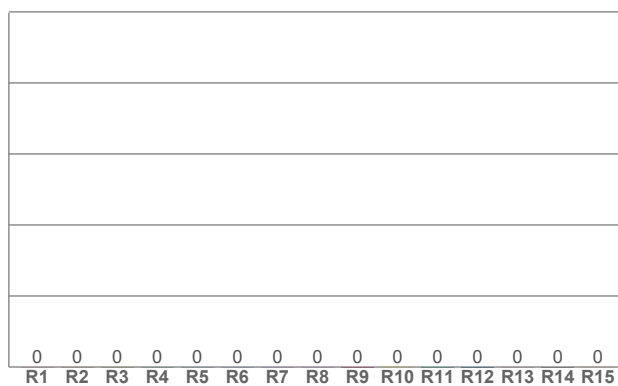
CIE 1931



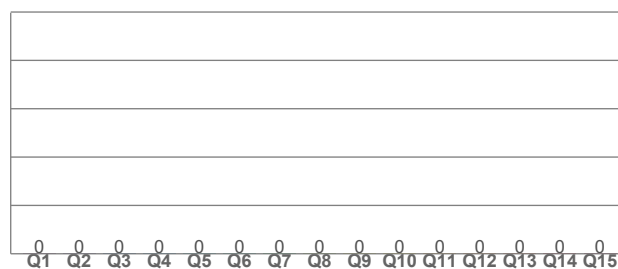
CIE 1931 - Detail



CRI: 0,0 (R1-R8)



CQSI: 0,0



Photometric Report

infinity

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TM-30-18 DETAILS

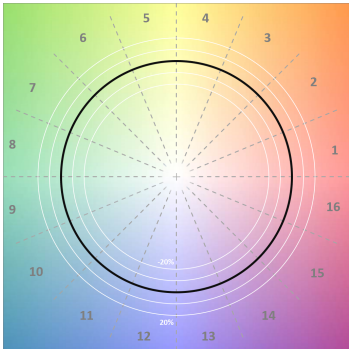
Rf 0,0

Fidelity index Rf

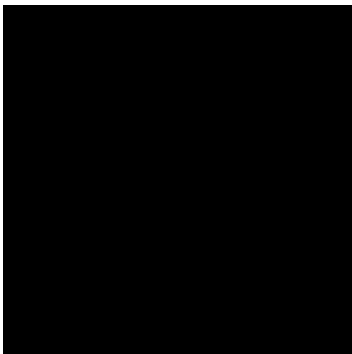
Rg 0,0

Gamut index Rg

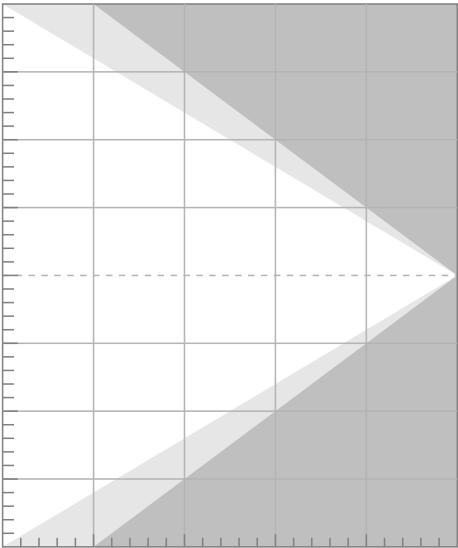
TM30-18 Color Vectors



TM30 Color Distortion



		Shifts (%)	
Hue Bin	R _f	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