

Photometric Report



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

REPORT SUMMARY

Output

Total Lumens:	851 Lumen
Peak Intensity:	184849 candela
Illuminance @ 5m:	7387 lx
CRI:	0,0
CCT:	0 K

Optical

Beam Angle (50%)	3,2 °
Field Angle (10%)	4,2 °
Cut-off Angle (2,5%)	4,7 °

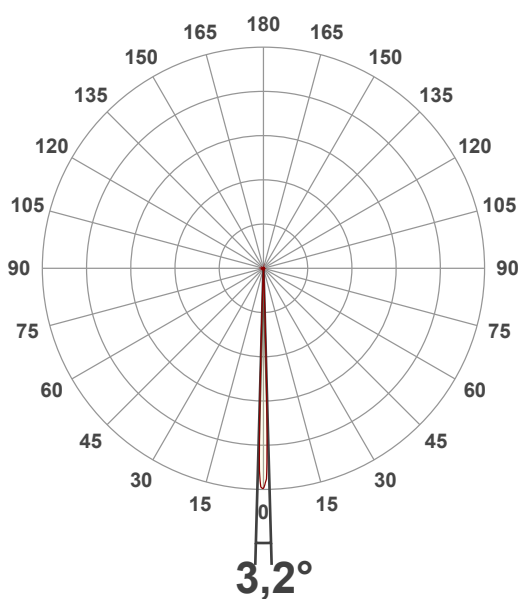
Conditions:

Power Supply:	224 V
Power:	123,8 W
Current:	0,595 A
Power Factor:	0,93

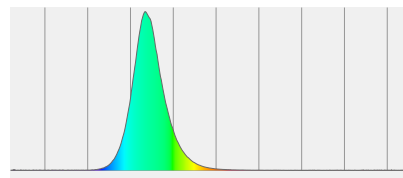


MEASUREMENTS

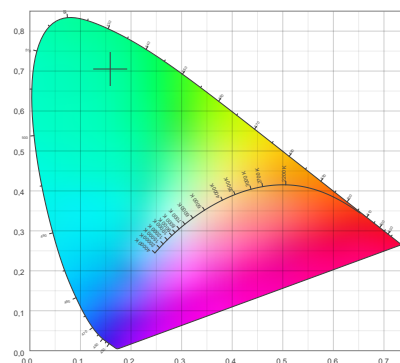
Angular Beam Distribution



Spectral Distribution



CIE 1931

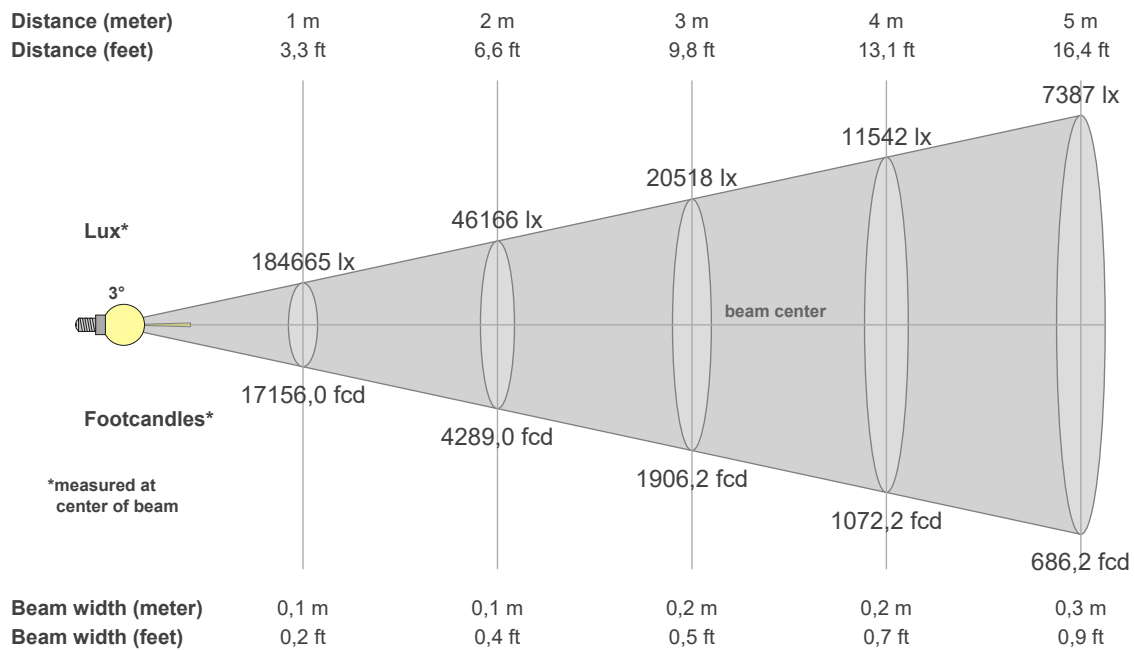


Photometric Report



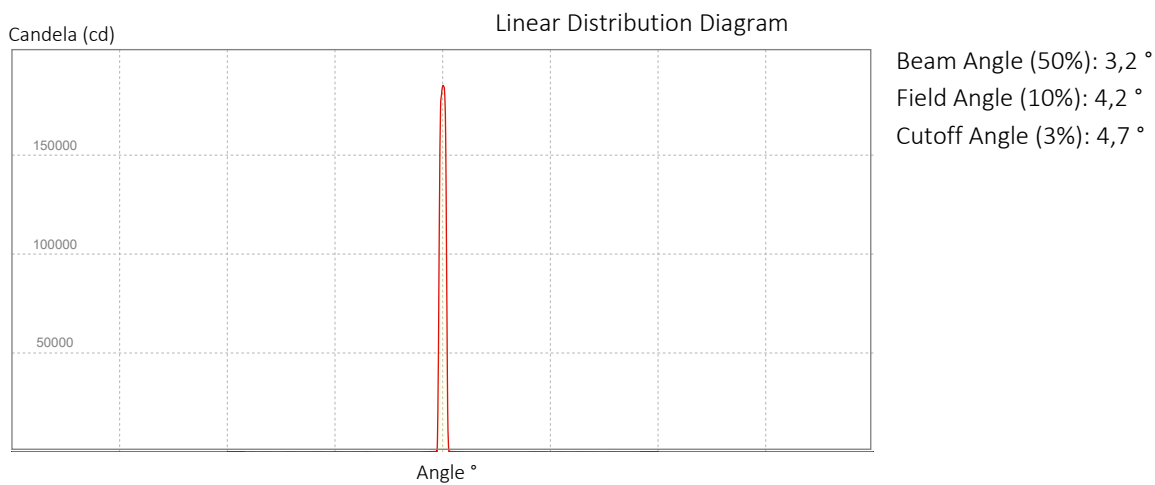
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BEAM DETAILS



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
184665lx	46166lx	20518lx	11542lx	7387lx	5130lx	3769lx	2885lx	2280lx	1847lx	1526lx	1282lx	1093lx	942lx	821lx	721lx	639lx	570lx	512lx	462lx
17156fcd	4289fcd	1906,2fcd	1072,2fcd	686,2fcd	476,6fcd	350,1fcd	268,1fcd	211,8fcd	171,6fcd	141,8fcd	119,1fcd	101,5fcd	87,5fcd	76,2fcd	67fcd	59,4fcd	53fcd	47,5fcd	42,9fcd

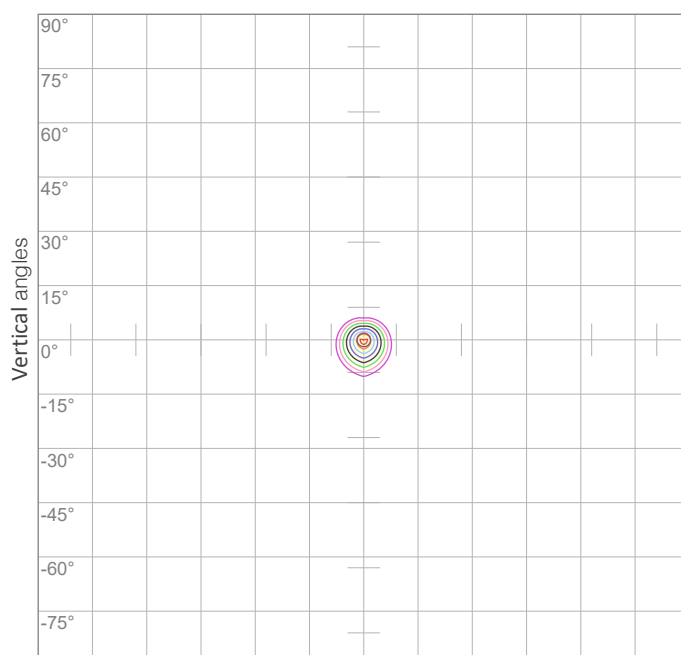


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POLAR DIAGRAMS



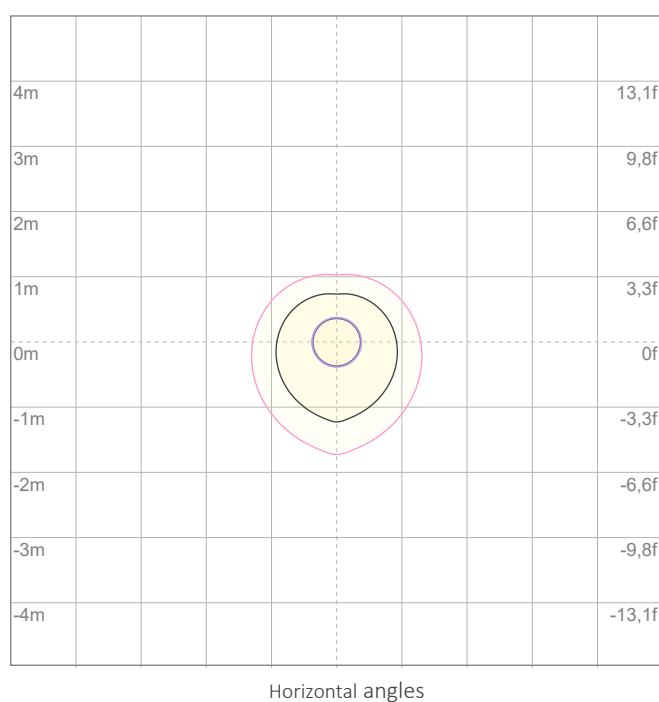
ISO candela diagram

10%	18467 cd
20%	36933 cd
30%	55400 cd
40%	73866 cd
50%	92333 cd
60%	110799 cd
70%	129266 cd

Conditions:

Number of c-planes: 2

Candela at center: 184665 cd



ISO lux diagram

3%	55,4 lx
5%	92,3 lx
10%	185 lx
30%	554 lx
50%	923 lx

Conditions:

Number of c-planes: 2

Lux at center: 1847 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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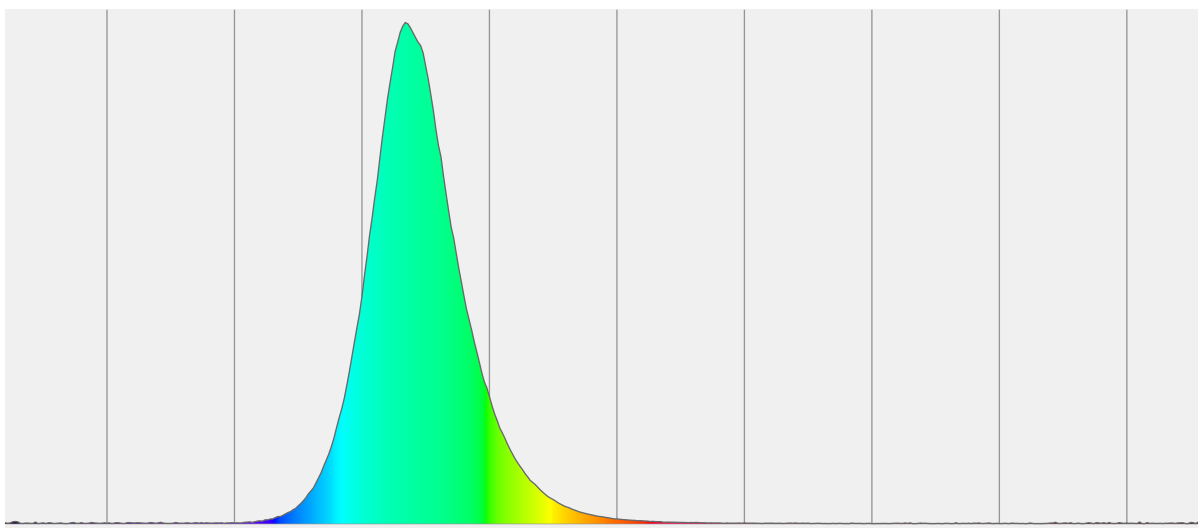
CHROMATICITY REPORT

Total Lumens: 851 lm
Peak Intensity: 184849 cd
Fixture Efficiency: 7 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: 517 nm
2nd Dominant Wavelength: n/a nm



Spectral Distribution



Color

0 K
CIE 1931 Coordinates:
X: 0,159 Y: 0,705

Color Temperature

0 K

CRI

0,0

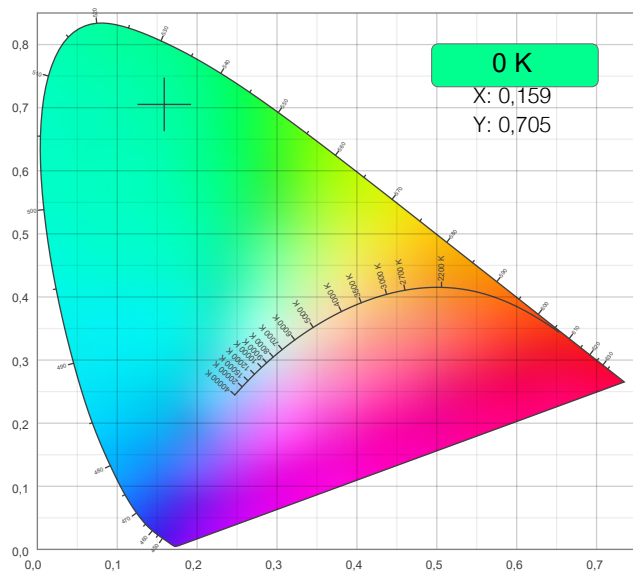
Photometric Report



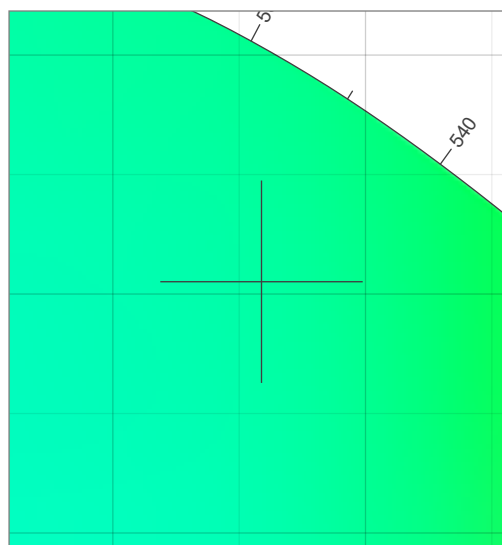
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CHROMATICITY

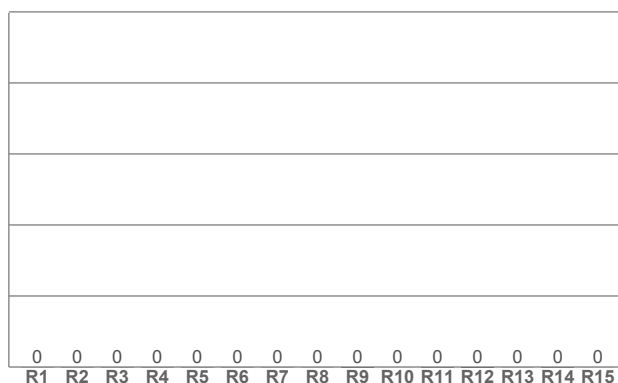
CIE 1931



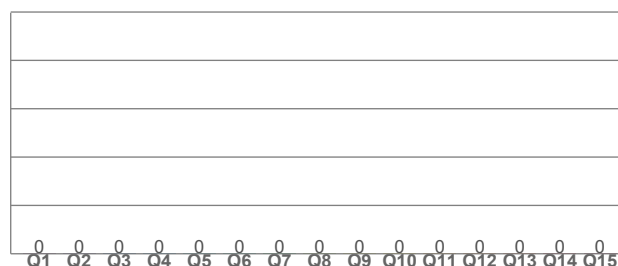
CIE 1931 - Detail



CRI: 0,0 (R1-R8)



CQSI: 0,0



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TM-30-18 DETAILS

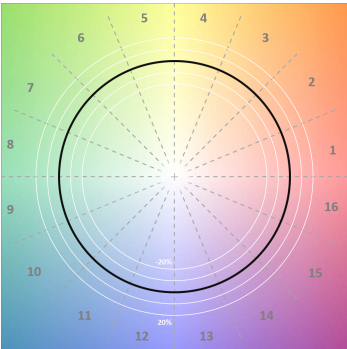
Rf 0,0

Fidelity index Rf

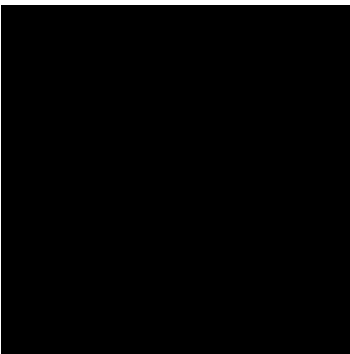
Rg 0,0

Gamut index Rg

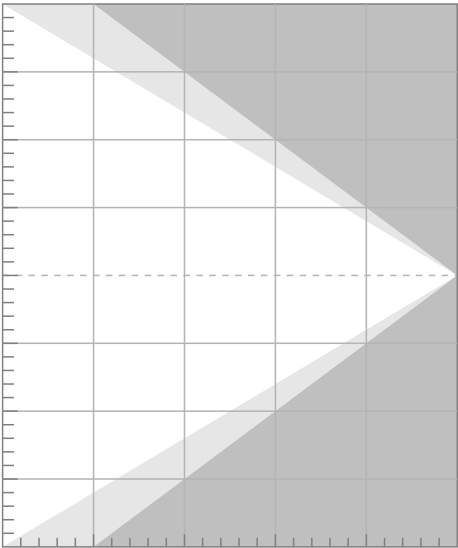
TM30-18 Color Vectors



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

CIE199 CIE198 CIE197 CIE196 CIE195 CIE194 CIE193 CIE192 CIE191 CIE190 CIE189 CIE188 CIE187 CIE186 CIE185 CIE184 CIE183 CIE182 CIE181 CIE180 CIE179 CIE178 CIE177 CIE176 CIE175 CIE174 CIE173 CIE172 CIE171 CIE170 CIE169 CIE168 CIE167 CIE166 CIE165 CIE164 CIE163 CIE162 CIE161 CIE160 CIE159 CIE158 CIE157 CIE156 CIE155 CIE154 CIE153 CIE152 CIE151 CIE150 CIE149 CIE148 CIE147 CIE146 CIE145 CIE144 CIE143 CIE142 CIE141 CIE140 CIE139 CIE138 CIE137 CIE136 CIE135 CIE134 CIE133 CIE132 CIE131 CIE130 CIE129 CIE128 CIE127 CIE126 CIE125 CIE124 CIE123 CIE122 CIE121 CIE120 CIE119 CIE118 CIE117 CIE116 CIE115 CIE114 CIE113 CIE112 CIE111