

Light efficiency:

16 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

0 K

Output: 1590 lm

Peak: 5144 cd

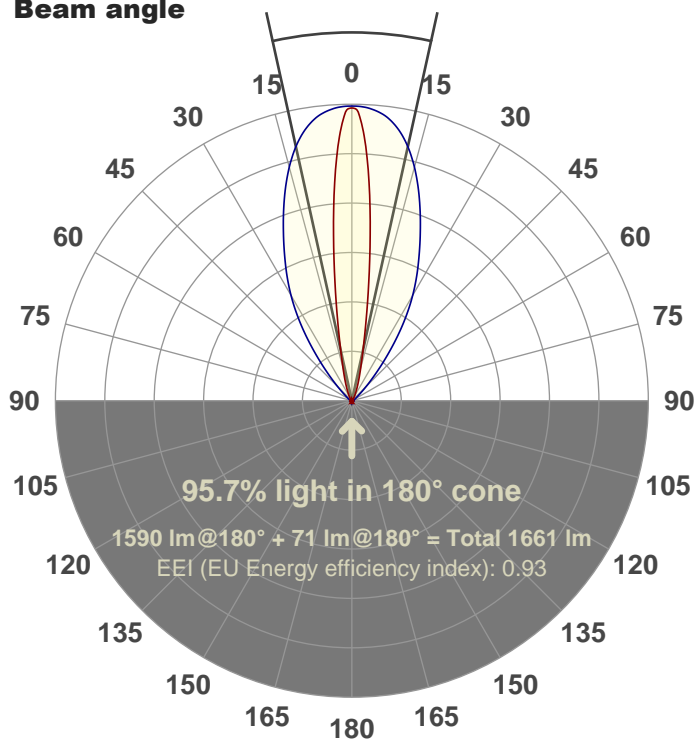
Power: 97.9 W

PF: 1.0



24.9°

Beam angle



Product name:

FL100-CM-RGBW65K-IM-60X10-ELV-SM-RED

Date and time:

06-Jun-18 1:12:35 PM

Additional Information:

LED: RGBW

FIXTURE: FL100

FILM: 250233 (60°X10°)

COLOR-AMP: ON

STABILIZED: YES

COLOR (RGBW): RED

FWHM: 53.1°X14.2°

PERFORMED BY: ABDULLAH QURESHI

Color

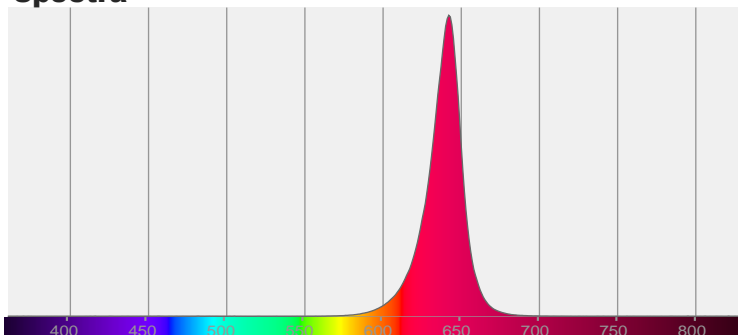


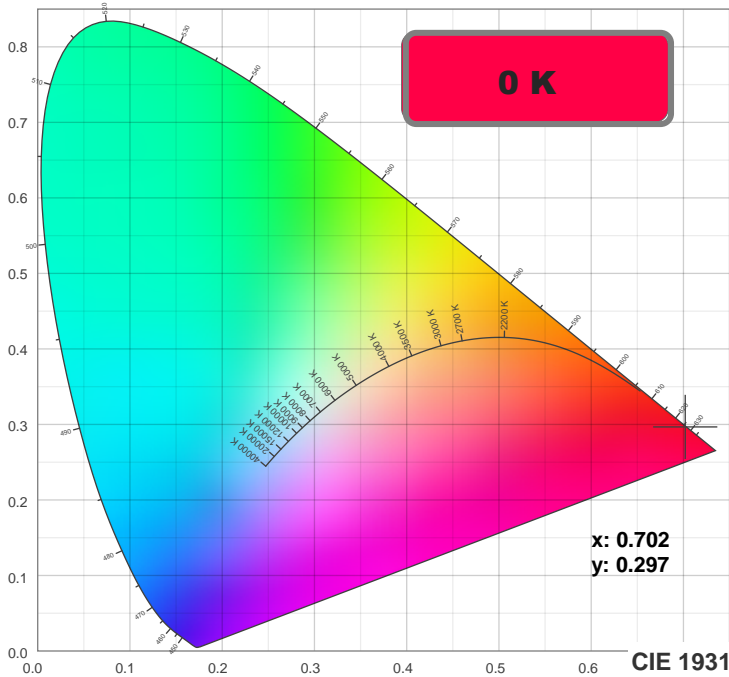
CIE 1931

x: 0.702

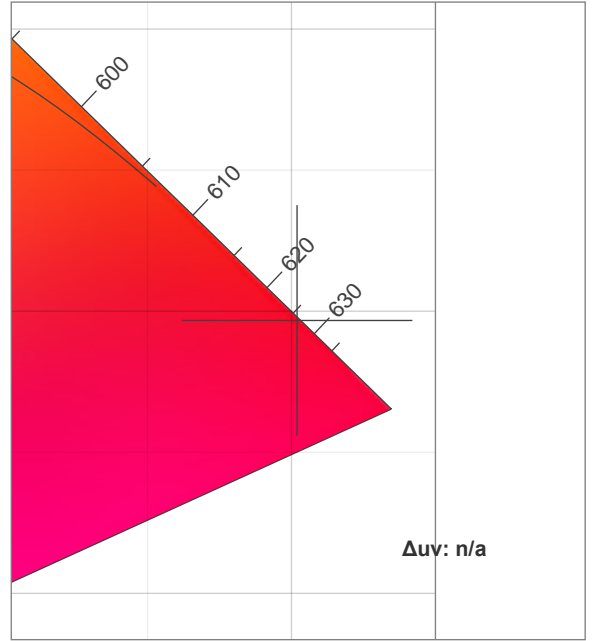
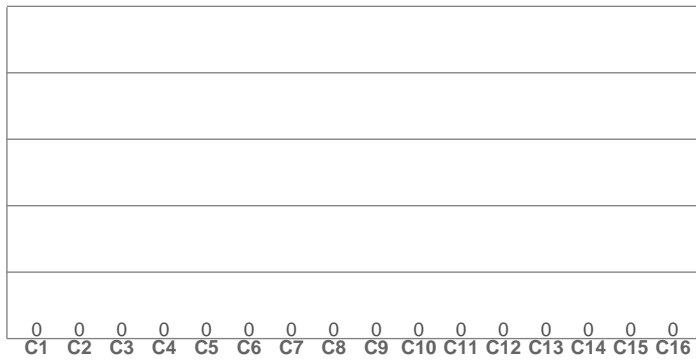
y: 0.297

Spectra





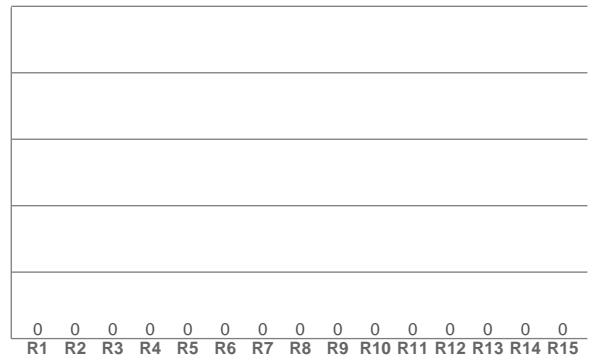
TM30: 0.0



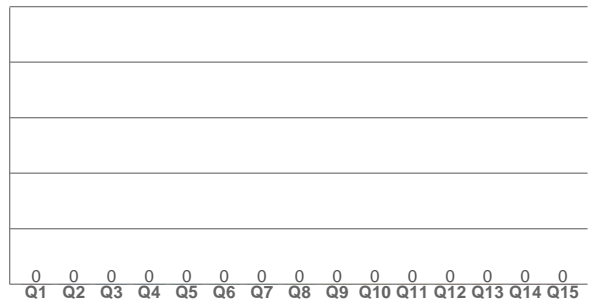
Δuv : n/a

CIE 1931 ZOOM

CRI: 0.0 (R1-R8)



CQS: 0.0



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TM30 C values, 16 binned values out of total of 99 C values

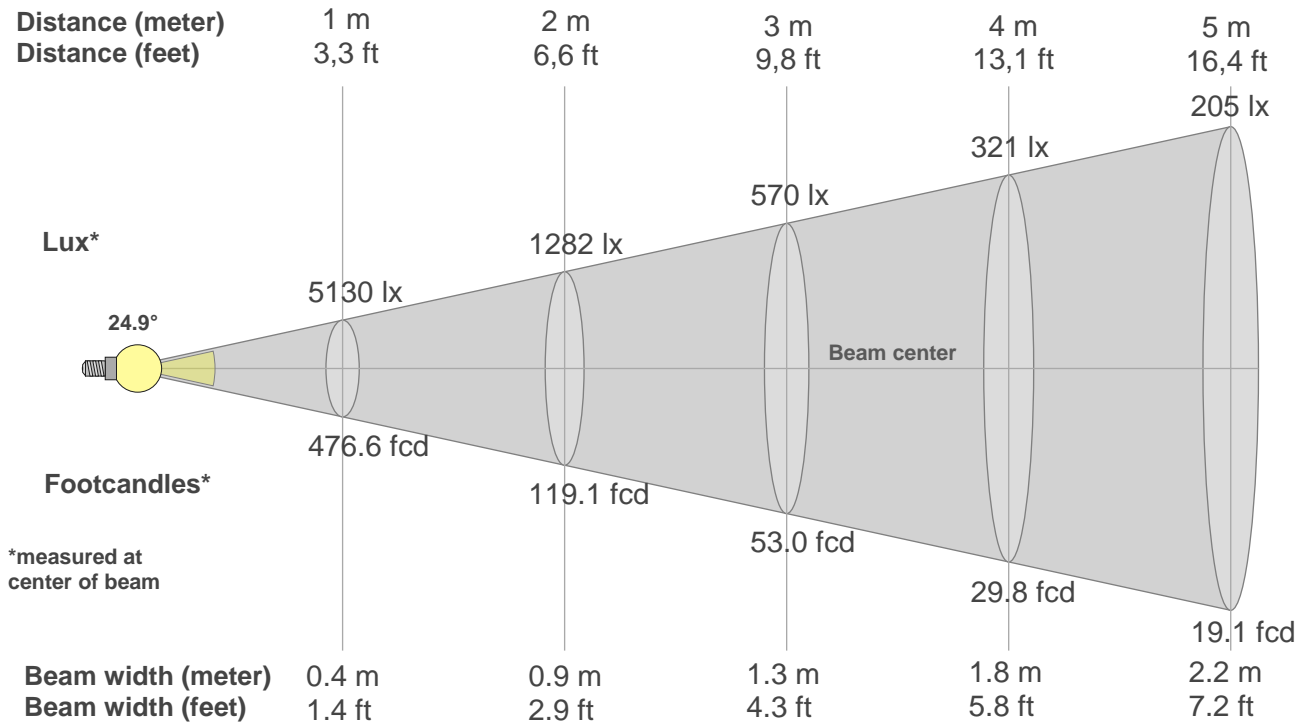
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Color parameters

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
0 K	0.0	0.0	0.0	0.0	0.0	0.702	0.297	0.544	0.345	n/a



Beam intensities 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
5130lx	1282lx	570lx	321lx	205lx	142lx	105lx	80lx	63lx	51lx	42lx	36lx	30lx	26lx	23lx	20lx	18lx	16lx	14lx	13lx
476.6fcd	119.1fcd	53fcd	29.8fcd	19.1fcd	13.2fcd	9.7fcd	7.4fcd	5.9fcd	4.8fcd	3.9fcd	3.3fcd	2.8fcd	2.4fcd	2.1fcd	1.9fcd	1.6fcd	1.5fcd	1.3fcd	1.2fcd

Intensities in 0° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
5130	4835	4054	3066	2139	1439	982	701	521	398	306	236	183	146	116	95	78	65	56	49
100%	94%	79%	60%	42%	28%	19%	14%	10%	8%	6%	5%	4%	3%	2%	2%	2%	1%	1%	1%

Intensities in 90° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
5130	5134	5098	5035	4930	4781	4586	4350	4081	3789	3488	3190	2907	2642	2385	2123	1849	1564	1276	1004
100%	100%	99%	98%	96%	93%	89%	85%	80%	74%	68%	62%	57%	51%	46%	41%	36%	30%	25%	20%

Intensities in 180° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
5130	4835	4054	3066	2139	1439	982	701	521	398	306	236	183	146	116	95	78	65	56	49
100%	94%	79%	60%	42%	28%	19%	14%	10%	8%	6%	5%	4%	3%	2%	2%	2%	1%	1%	1%

Intensities in 270° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
5130	5134	5098	5035	4930	4781	4586	4350	4081	3789	3488	3190	2907	2642	2385	2123	1849	1564	1276	1004
100%	100%	99%	98%	96%	93%	89%	85%	80%	74%	68%	62%	57%	51%	46%	41%	36%	30%	25%	20%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
24.9°	48.9°	74.2°	91.2%	86.4%