

Light efficiency:

9 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

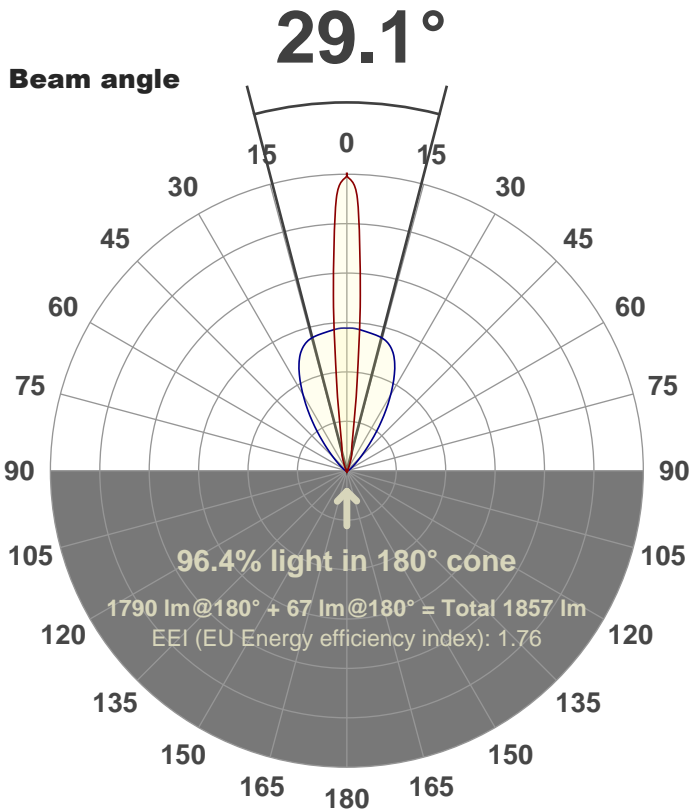
0 K

Output: 1790 lm

Peak: 7024 cd

Power: 206 W

PF: 1.0



Product name:

FL200-CM-RGBW-IM-60X10-ELV-SM-RED

Date and time:

24-Aug-18 2:25:07 PM

Additional Information:

LED: RGBW

FIXTURE: FL200

FILM: 250287 (60°X10°)

COLOR-AMP: ON

STABILIZED: YES

COLOR (RGBW): RED

FWHM: 65.8°X10.2°

PERFORMED BY: ABDULLAH QURESHI

Color

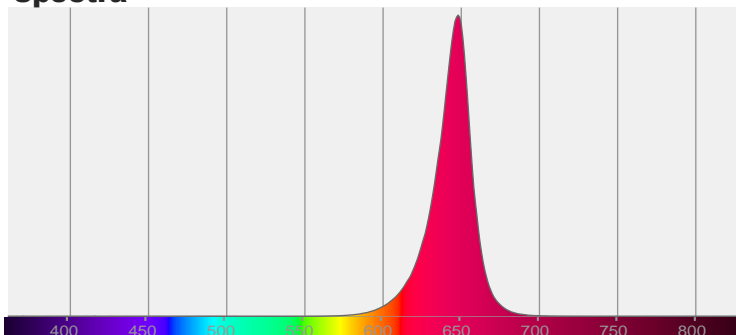


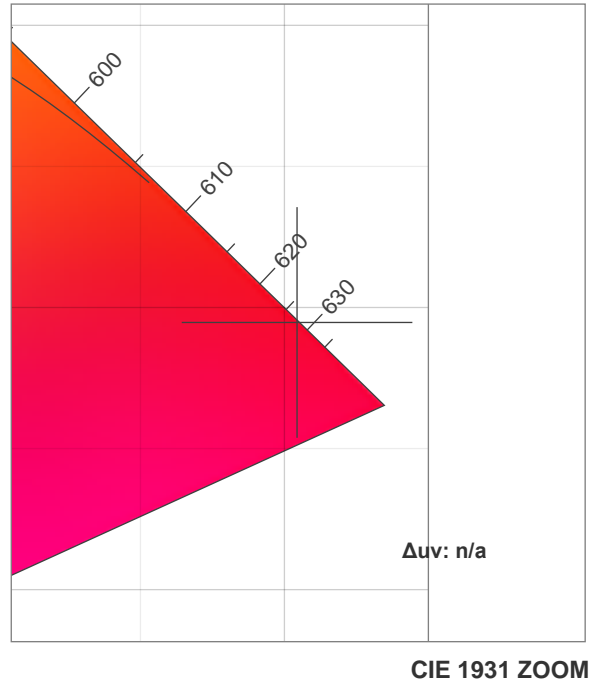
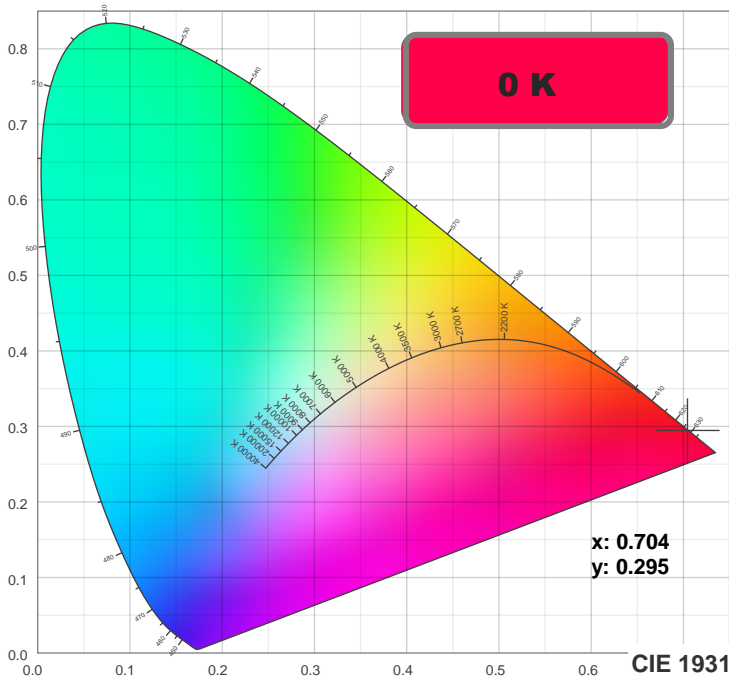
CIE 1931

x: 0.704

y: 0.295

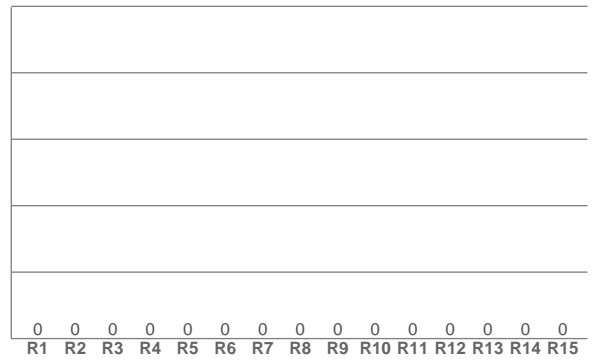
Spectra





TM30: 0.0

CRI: 0.0 (R1-R8)



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

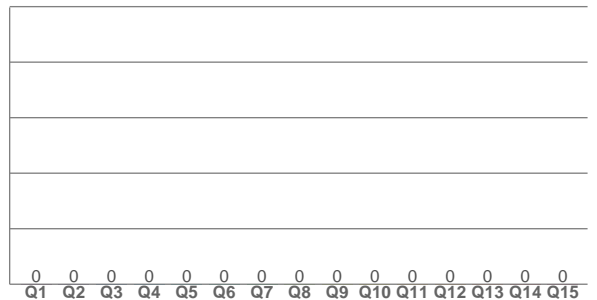
TM30 C values, 16 binned values out of total of 99 C values

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

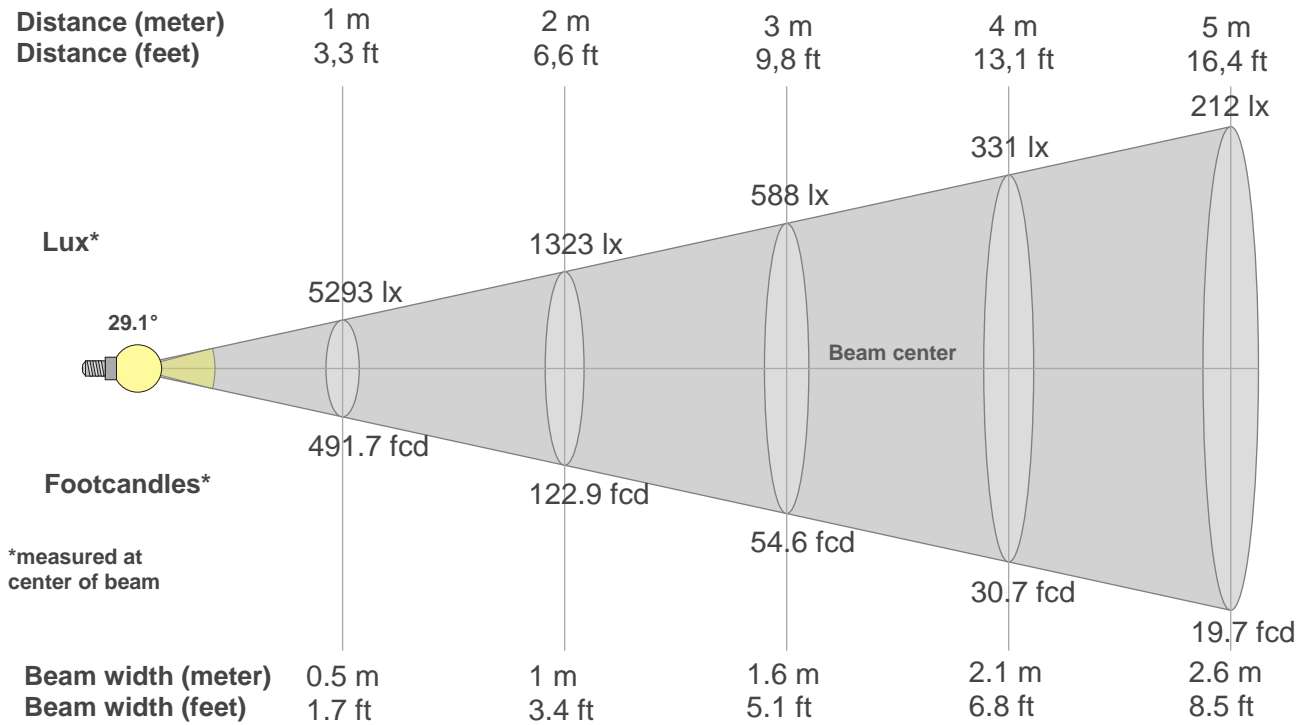
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CQS: 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	0.704	0.295	0.549	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
5293lx	1323lx	588lx	331lx	212lx	147lx	108lx	83lx	65lx	53lx	44lx	37lx	31lx	27lx	24lx	21lx	18lx	16lx	15lx	13lx
491.7fcd	122.9fcd	54.6fcd	30.7fcd	19.7fcd	13.7fcd	10fcd	7.7fcd	6.1fcd	4.9fcd	4.1fcd	3.4fcd	2.9fcd	2.5fcd	2.2fcd	1.9fcd	1.7fcd	1.5fcd	1.4fcd	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°
5293	6541	4603	2668	1427	824	581	484	423	352	269	196	150	119	96	79	67	58	52	48
100%	124%	87%	50%	27%	16%	11%	9%	8%	7%	5%	4%	3%	2%	2%	1%	1%	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°
5293	3401	3388	3368	3346	3326	3307	3284	3247	3189	3099	2975	2803	2588	2344	2084	1823	1560	1305	1066
100%	64%	64%	64%	63%	63%	62%	62%	61%	60%	59%	56%	53%	49%	44%	39%	34%	29%	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°
5293	6541	4603	2668	1427	824	581	484	423	352	269	196	150	119	96	79	67	58	52	48
100%	124%	87%	50%	27%	16%	11%	9%	8%	7%	5%	4%	3%	2%	2%	1%	1%	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°
5293	3401	3388	3368	3346	3326	3307	3284	3247	3189	3099	2975	2803	2588	2344	2084	1823	1560	1305	1066
100%	64%	64%	64%	63%	63%	62%	62%	61%	60%	59%	56%	53%	49%	44%	39%	34%	29%	25%	20%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
29.1°	48.1°	77.5°	91.4%	85.8%