

Light efficiency:

34 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

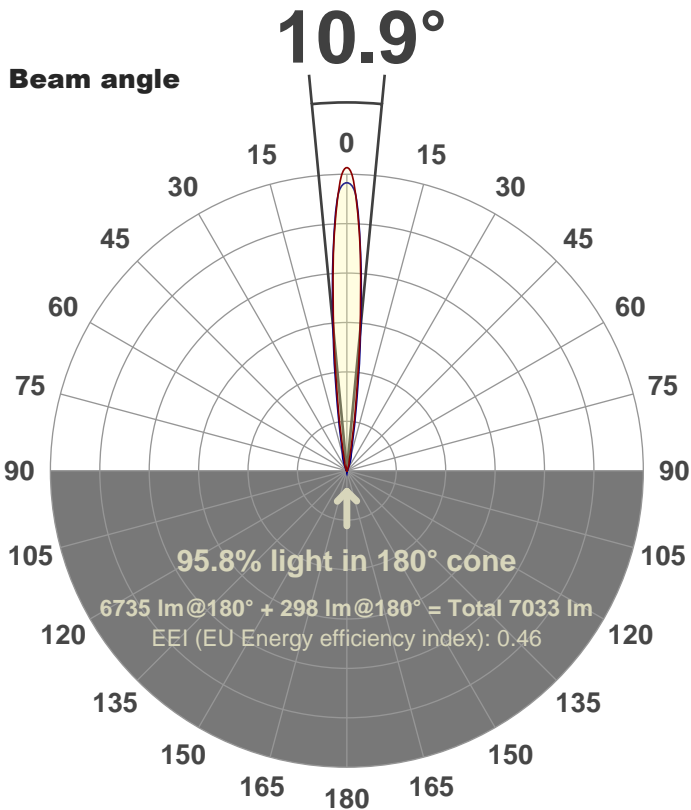
0 K

Output: 6735 lm

Peak: 108686 cd

Power: 201 W

PF: 1.0



Product name:

FL200-CM-RGBW-IM-10-ELV-SM-GREEN

Date and time:

27-Aug-18 4:37:38 PM

Additional Information:

LED: RGBW

FIXTURE: FL200

FILM: 250270 (10°)

COLOR-AMP: ON

STABILIZED: YES

COLOR (RGBW): GREEN

PERFORMED BY: ABDULLAH QURESHI

Color

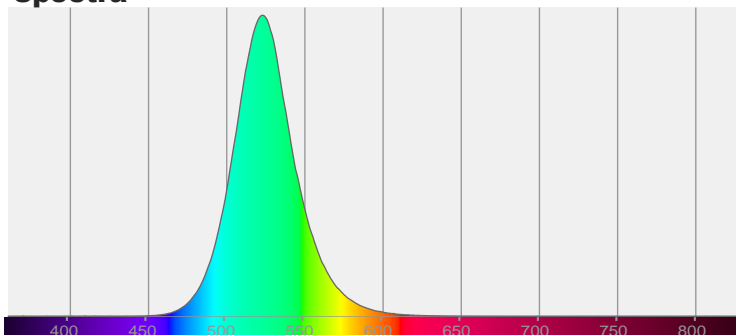


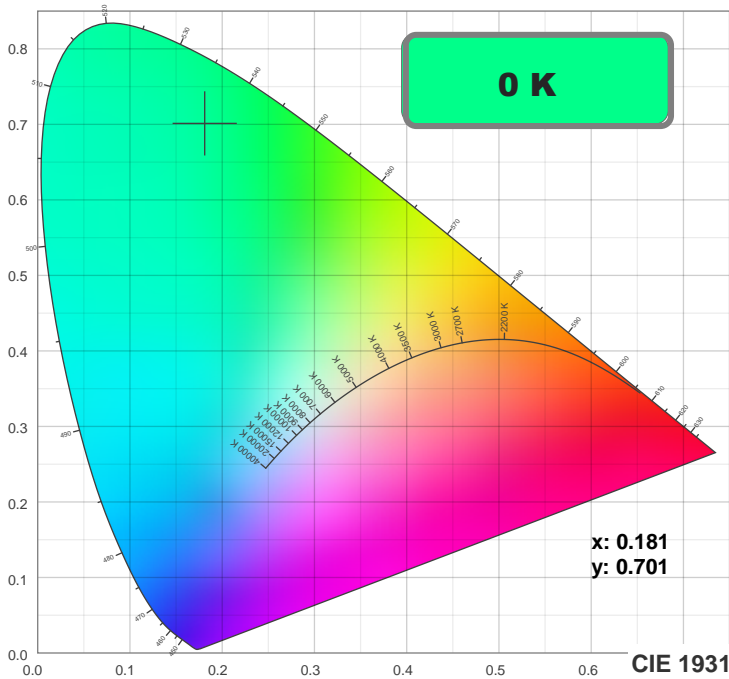
CIE 1931

x: 0.181

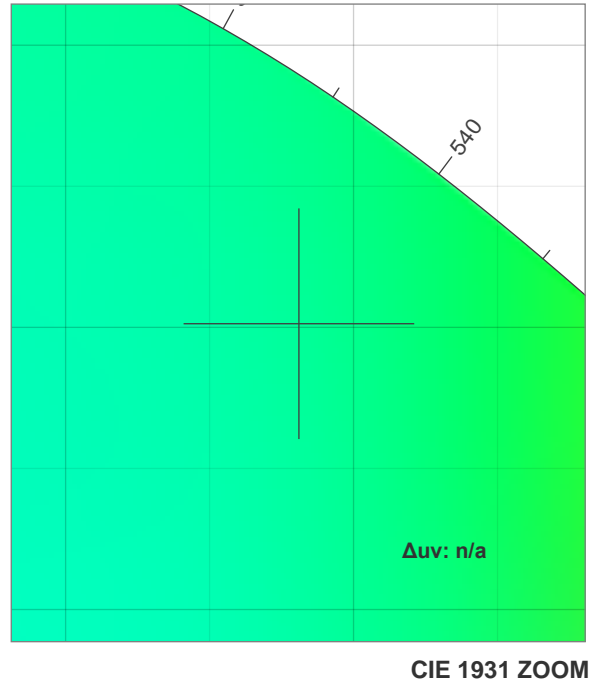
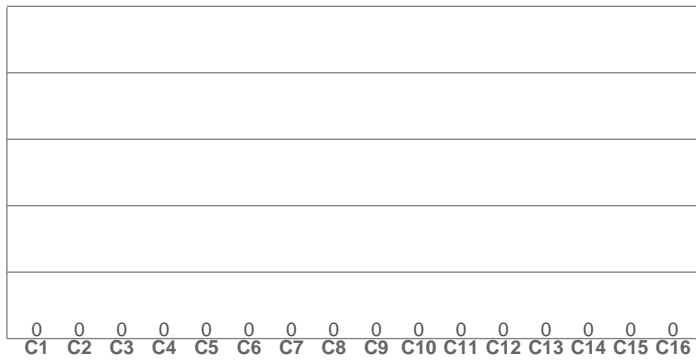
y: 0.701

Spectra



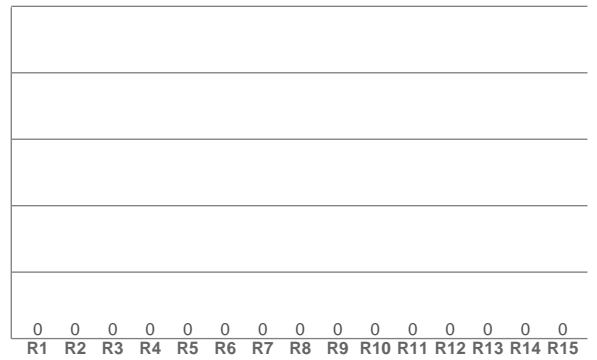


TM30: 0.0

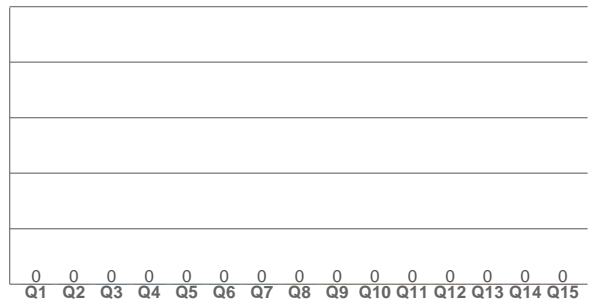


CIE 1931 ZOOM

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

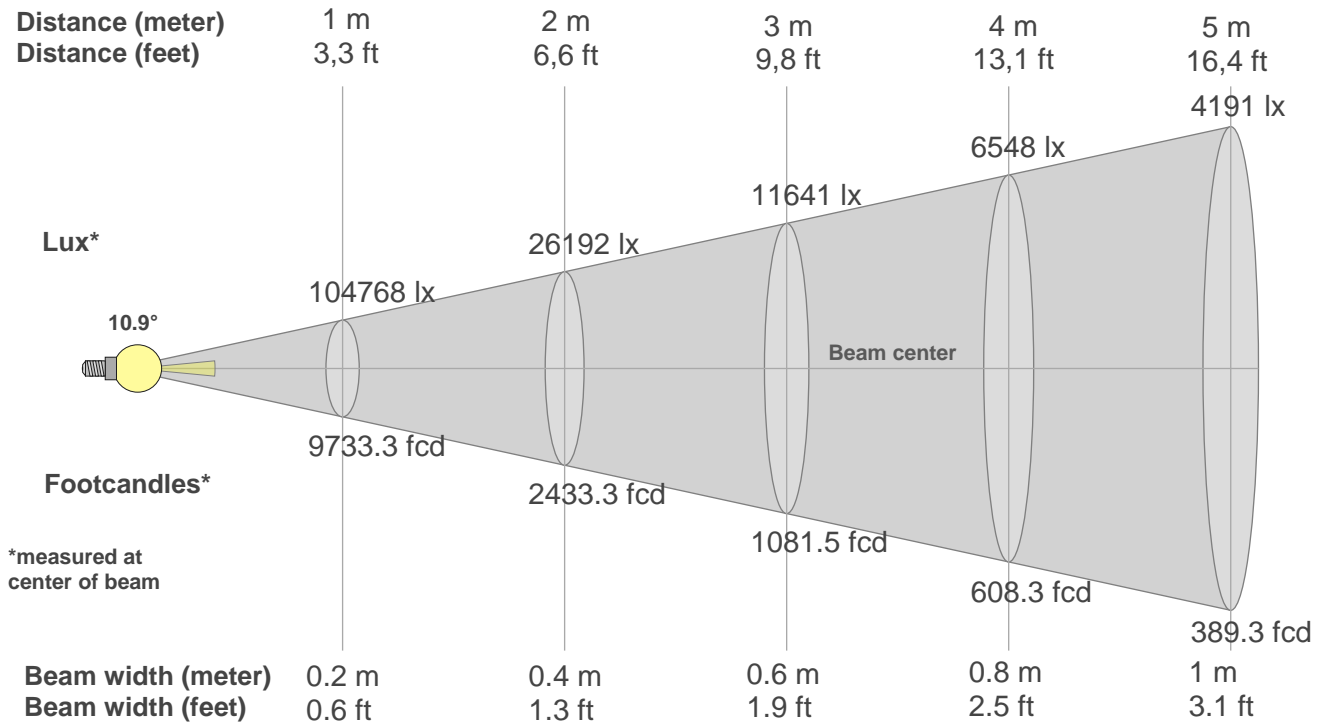
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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	0.181	0.701	0.066	0.381	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
104768lx	26192lx	11641lx	6548lx	4191lx	2910lx	2138lx	1637lx	1293lx	1048lx	866lx	728lx	620lx	535lx	466lx	409lx	363lx	323lx	290lx	262lx
9733.3fcd	2433.3fcd	1081.5fcd	608.3fcd	389.3fcd	270.4fcd	198.6fcd	152.1fcd	120.2fcd	97.3fcd	80.4fcd	67.6fcd	57.6fcd	49.7fcd	43.3fcd	38fcd	33.7fcd	30fcd	27fcd	24.3fcd

Intensities in 0° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
105K	109K	98K	87K	73K	58K	44K	33K	22K	16K	10K	8K	5K	4K	4K	3K	3K	3K	3K	2K
100%	104%	94%	83%	70%	55%	42%	31%	21%	15%	10%	7%	5%	4%	3%	3%	3%	3%	2%	2%

Intensities in 90° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
105K	103K	99K	87K	75K	61K	47K	37K	27K	21K	15K	12K	10K	8K	7K	6K	6K	5K	5K	4K
100%	98%	94%	83%	72%	58%	45%	35%	26%	20%	15%	11%	9%	7%	7%	6%	6%	5%	5%	4%

Intensities in 180° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
105K	109K	98K	87K	73K	58K	44K	33K	22K	16K	10K	8K	5K	4K	4K	3K	3K	3K	3K	2K
100%	104%	94%	83%	70%	55%	42%	31%	21%	15%	10%	7%	5%	4%	3%	3%	3%	3%	2%	2%

Intensities in 270° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
105K	103K	99K	87K	75K	61K	47K	37K	27K	21K	15K	12K	10K	8K	7K	6K	6K	5K	5K	4K
100%	98%	94%	83%	72%	58%	45%	35%	26%	20%	15%	11%	9%	7%	7%	6%	6%	5%	5%	4%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
10.9°	20.9°	37.9°	89.3%	85.4%

