

Light efficiency:

9 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

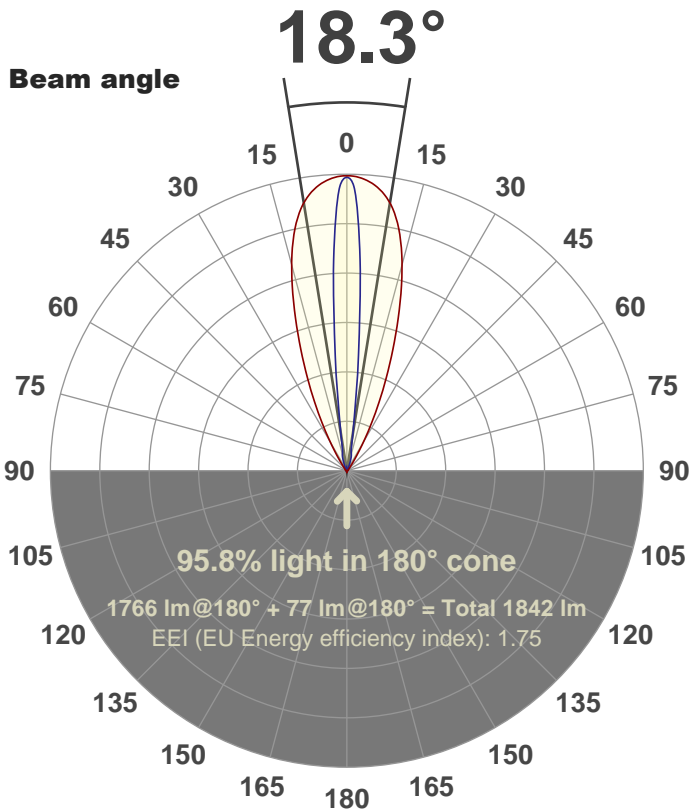
0 K

Output: 1766 lm

Peak: 10195 cd

Power: 205 W

PF: 1.0



Product name:

FL200-CM-RGBW-IM-10X40-ELV-SM-BLUE

Date and time:

27-Aug-18 5:45:25 PM

Additional Information:

LED: RGBW

FIXTURE: FL200

FILM: 250283 (1°X40°)

COLOR-AMP: ON

STABILIZED: YES

COLOR (RGBW): BLUE

FWHM: 10.3°X39.1°

PERFORMED BY: ABDULLAH QURESHI

Color

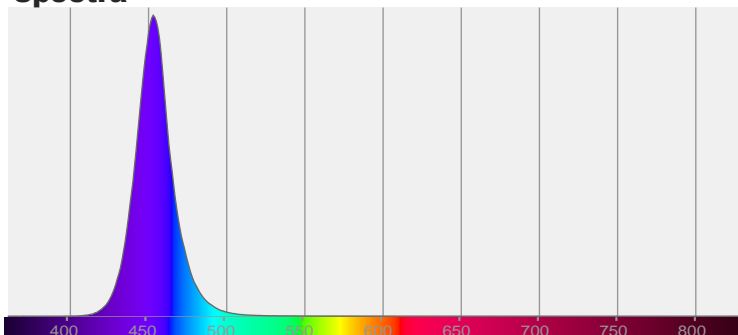


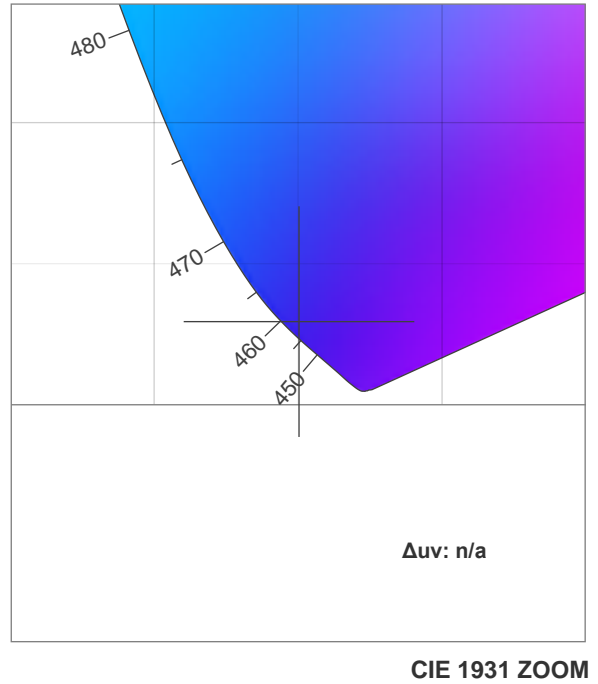
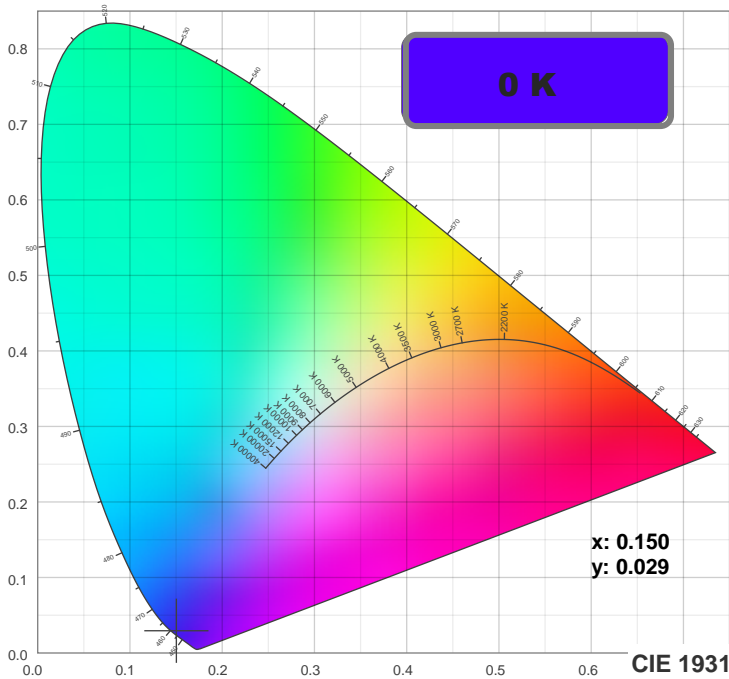
CIE 1931

x: 0.150

y: 0.029

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

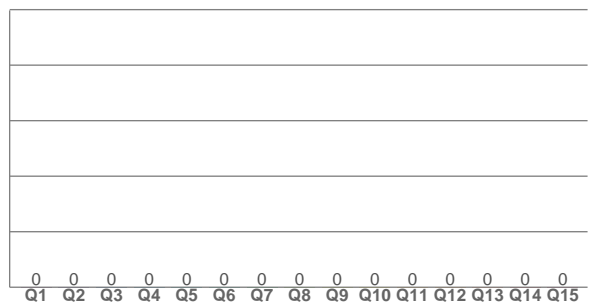
TM30 C values, 16 binned values out of total of 99 C values

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

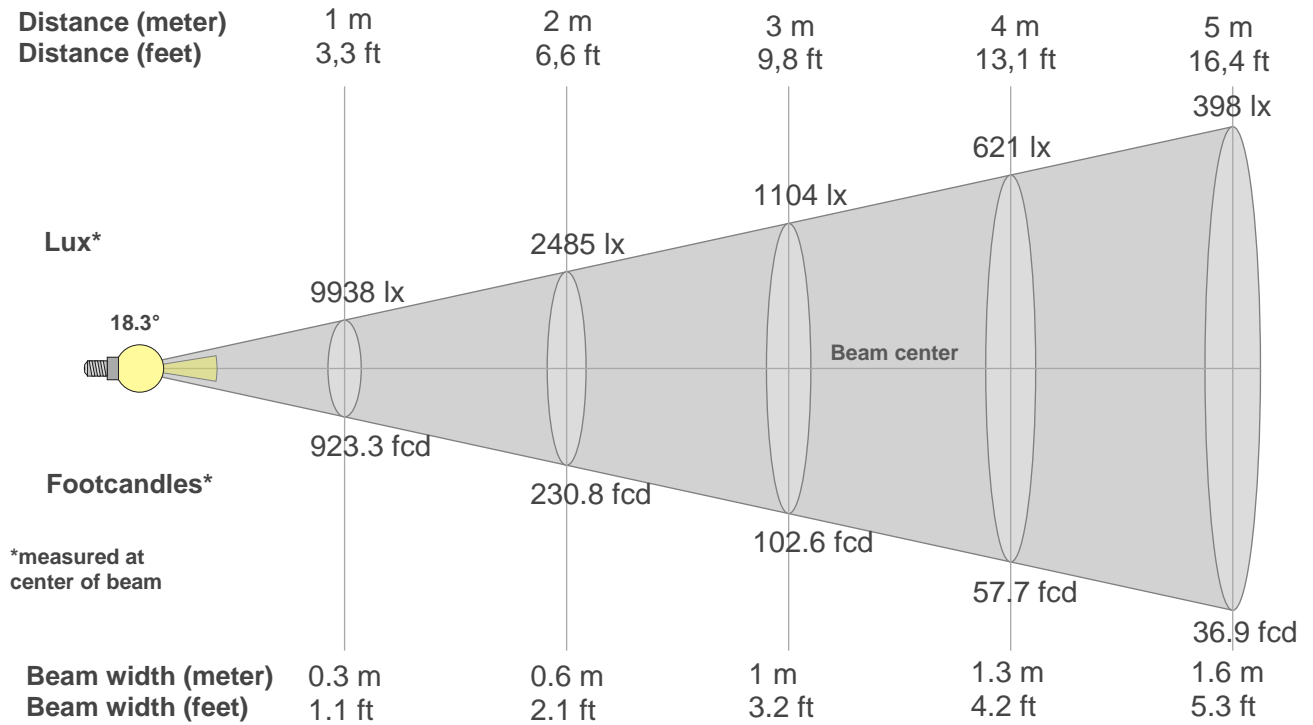
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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	0.150	0.029	0.197	0.058	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
9938lx	2485lx	1104lx	621lx	398lx	276lx	203lx	155lx	123lx	99lx	82lx	69lx	59lx	51lx	44lx	39lx	34lx	31lx	28lx	25lx
923.3fcd	230.8fcd	102.6fcd	57.7fcd	36.9fcd	25.6fcd	18.8fcd	14.4fcd	11.4fcd	9.2fcd	7.6fcd	6.4fcd	5.5fcd	4.7fcd	4.1fcd	3.6fcd	3.2fcd	2.8fcd	2.6fcd	2.3fcd

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°
9.9K	10.2K	10.2K	10.1K	10.1K	10.0K	9.9K	9.7K	9.6K	9.4K	9.2K	8.9K	8.6K	8.2K	7.8K	7.4K	6.9K	6.4K	5.9K	5.4K
100%	103%	102%	102%	101%	100%	99%	98%	97%	94%	92%	89%	86%	83%	79%	74%	69%	64%	59%	54%

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°
9938	9839	9158	7992	6681	5162	3773	2785	1839	1431	1024	869	741	674	630	592	560	519	465	410
100%	99%	92%	80%	67%	52%	38%	28%	19%	14%	10%	9%	7%	7%	6%	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°
9.9K	10.2K	10.2K	10.1K	10.1K	10.0K	9.9K	9.7K	9.6K	9.4K	9.2K	8.9K	8.6K	8.2K	7.8K	7.4K	6.9K	6.4K	5.9K	5.4K
100%	103%	102%	102%	101%	100%	99%	98%	97%	94%	92%	89%	86%	83%	79%	74%	69%	64%	59%	54%

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°
9938	9839	9158	7992	6681	5162	3773	2785	1839	1431	1024	869	741	674	630	592	560	519	465	410
100%	99%	92%	80%	67%	52%	38%	28%	19%	14%	10%	9%	7%	7%	6%	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
18.3°	33°	57.1°	90.3%	86.4%