

Light efficiency:

9 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

0 K

Output: 1804 lm

Peak: 2710 cd

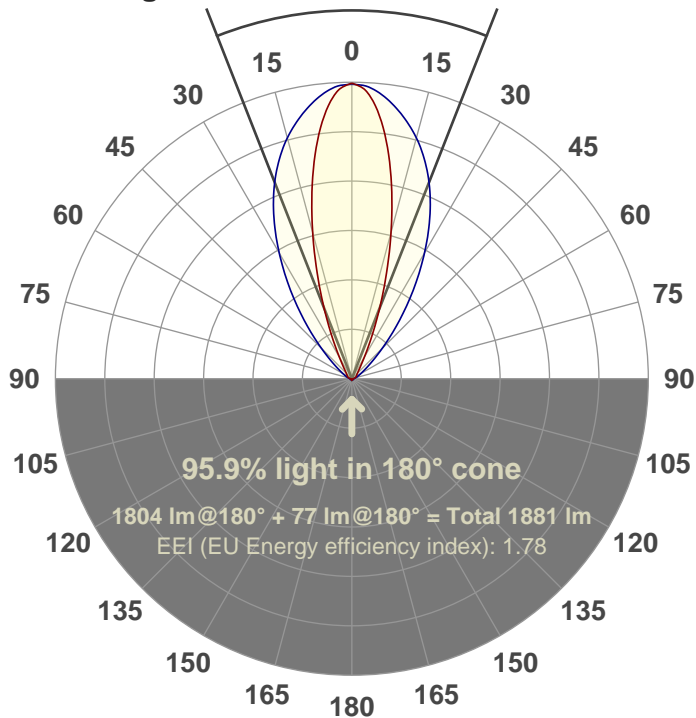
Power: 204 W

PF: 1.0



42.9°

Beam angle



Color



CIE 1931
x: 0.150
y: 0.029

Product name:

FL200-CM-RGBW-IM-60X30-ELV-SM-BLUE

Date and time:

24-Aug-18 3:36:06 PM

Additional Information:

LED: RGBW

FIXTURE: FL200

FILM: 250286 (60°X30°)

COLOR-AMP: ON

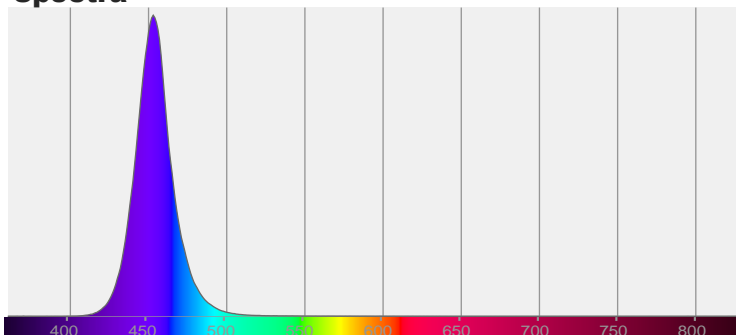
STABILIZED: YES

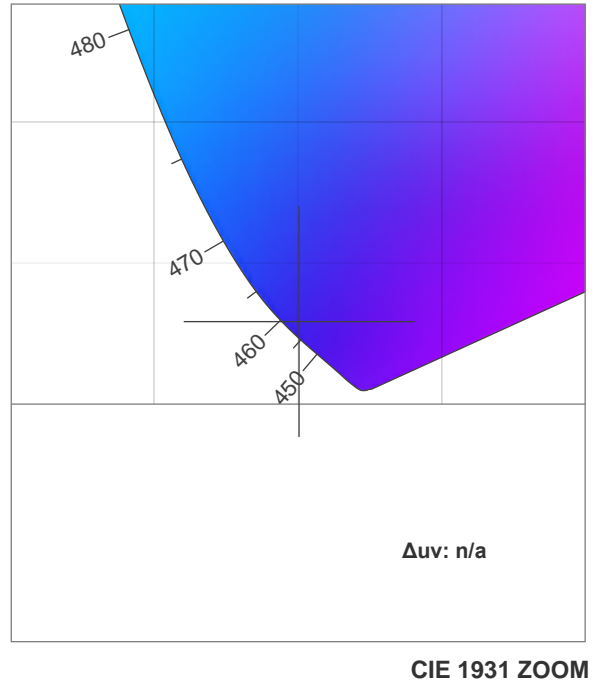
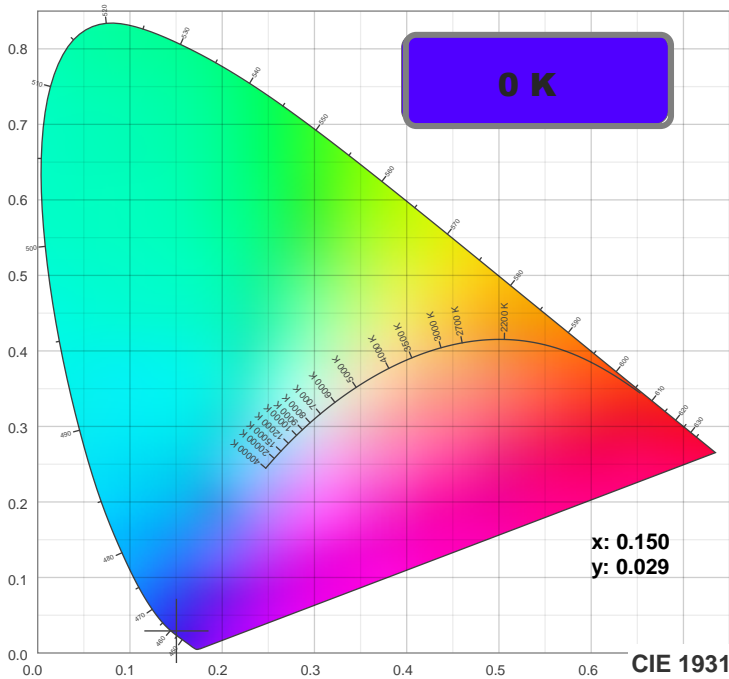
COLOR (RGBW): BLUE

FWHM: 59.5°X30.6°

PERFORMED BY: ABDULLAH QURESHI

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

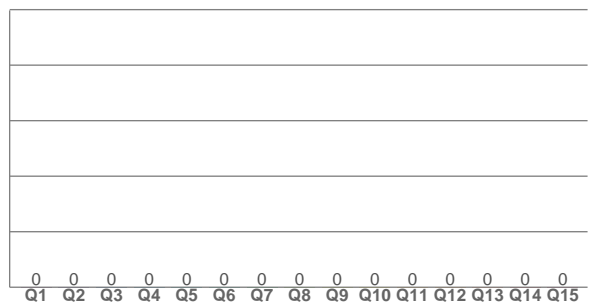
TM30 C values, 16 binned values out of total of 99 C values

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

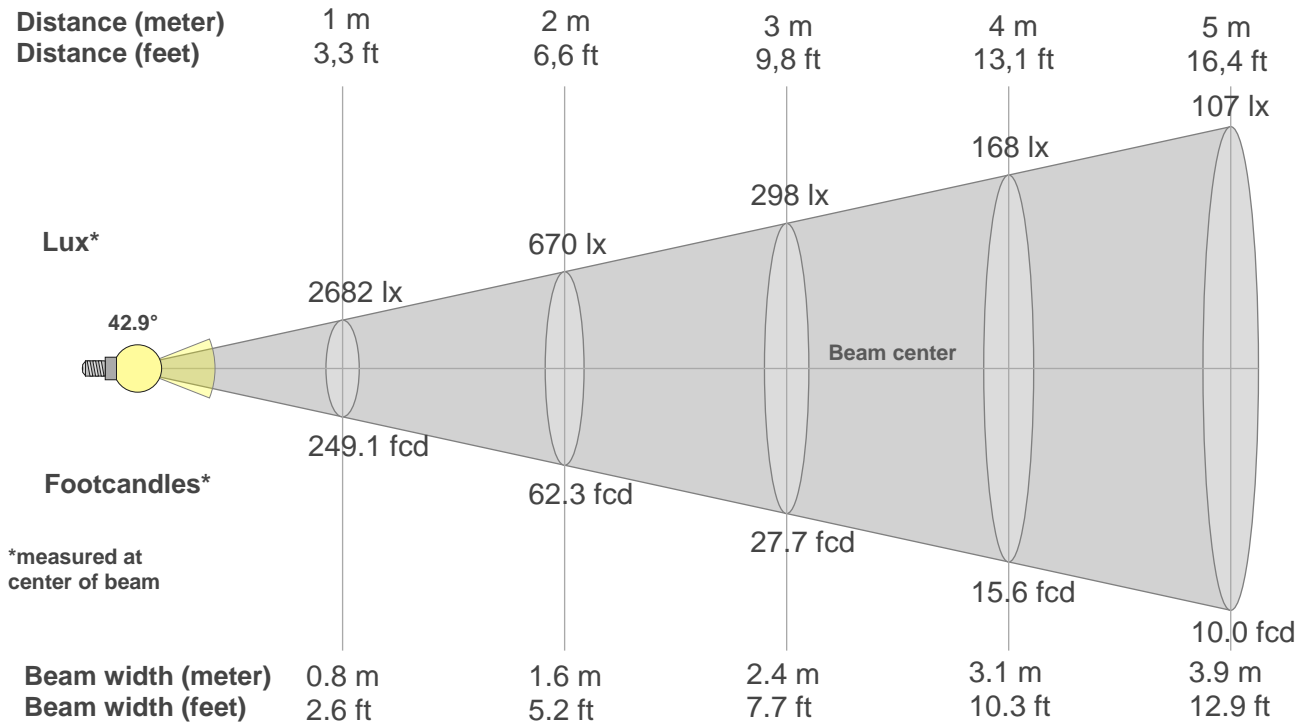
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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
2682lx	670lx	298lx	168lx	107lx	74lx	55lx	42lx	33lx	27lx	22lx	19lx	16lx	14lx	12lx	10lx	9lx	8lx	7lx	7lx
249.1fcd	62.3fcd	27.7fcd	15.6fcd	10fcd	6.9fcd	5.1fcd	3.9fcd	3.1fcd	2.5fcd	2.1fcd	1.7fcd	1.5fcd	1.3fcd	1.1fcd	1fcd	0.9fcd	0.8fcd	0.7fcd	0.6fcd

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°
2682	2645	2550	2400	2208	1986	1746	1499	1260	1031	828	650	503	386	297	231	184	150	126	108
100%	99%	95%	89%	82%	74%	65%	56%	47%	38%	31%	24%	19%	14%	11%	9%	7%	6%	5%	4%

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°
2682	2671	2644	2599	2540	2471	2395	2313	2223	2119	2007	1885	1754	1615	1470	1322	1175	1031	892	759
100%	100%	99%	97%	95%	92%	89%	86%	83%	79%	75%	70%	65%	60%	55%	49%	44%	38%	33%	28%

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°
2682	2645	2550	2400	2208	1986	1746	1499	1260	1031	828	650	503	386	297	231	184	150	126	108
100%	99%	95%	89%	82%	74%	65%	56%	47%	38%	31%	24%	19%	14%	11%	9%	7%	6%	5%	4%

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°
2682	2671	2644	2599	2540	2471	2395	2313	2223	2119	2007	1885	1754	1615	1470	1322	1175	1031	892	759
100%	100%	99%	97%	95%	92%	89%	86%	83%	79%	75%	70%	65%	60%	55%	49%	44%	38%	33%	28%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
42.9°	75.8°	111.8°	90.3%	83.1%