

Light efficiency:

9 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

0 K

Output: 1877 lm

Peak: 2453 cd

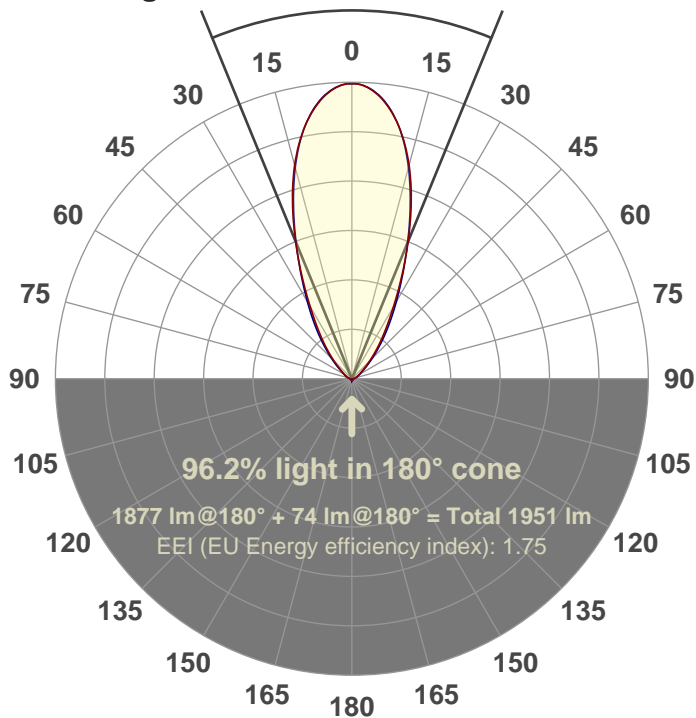
Power: 206 W

PF: 1.0



44.5°

Beam angle



Product name:

FL200-CM-RGBW-IM-40-ELV-SM-RED

Date and time:

27-Aug-18 12:25:29 PM

Additional Information:

LED: RGBW

FIXTURE: FL200

FILM: 250276 (40°)

COLOR-AMP: ON

STABILIZED: YES

COLOR (RGBW): RED

PERFORMED BY: ABDULLAH QURESHI

Color

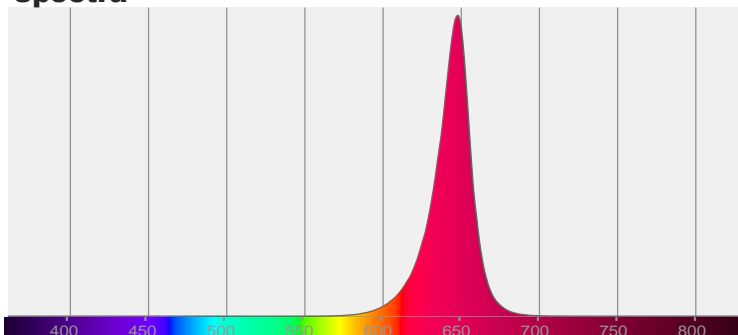


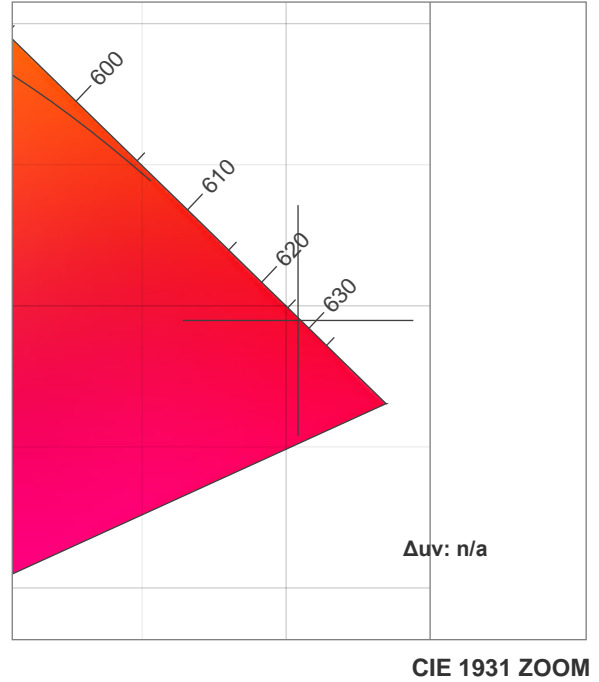
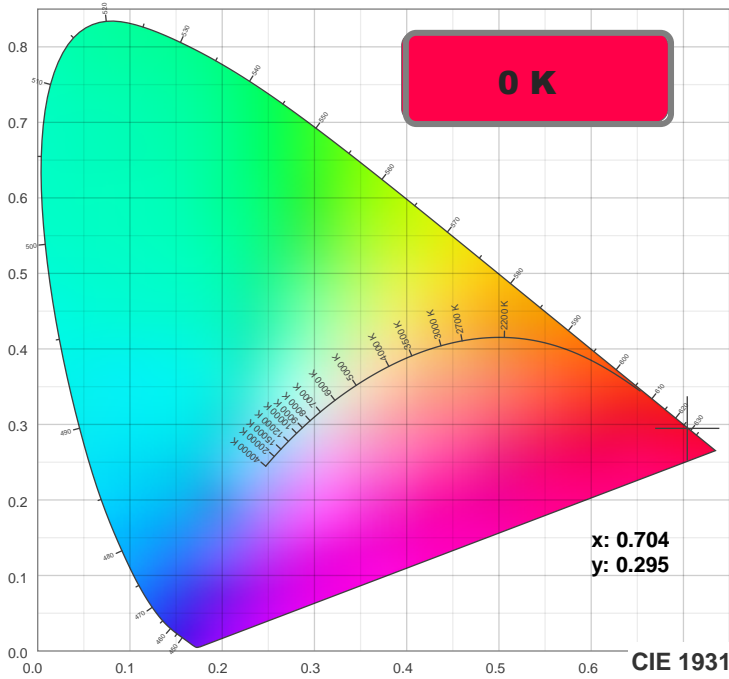
CIE 1931

x: 0.704

y: 0.295

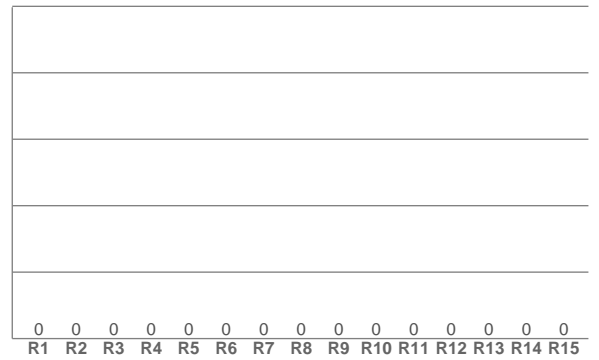
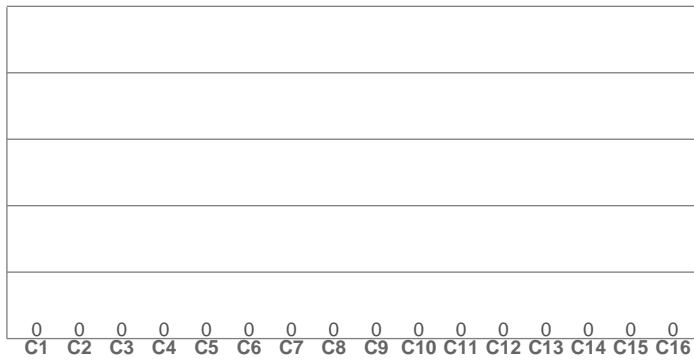
Spectra





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

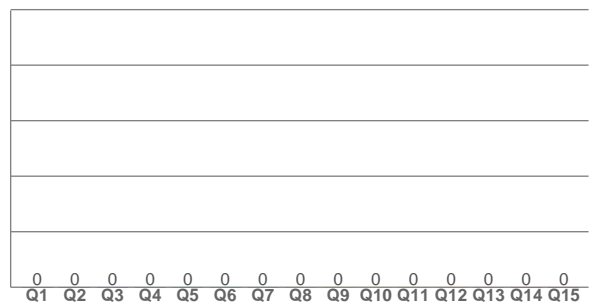
TM30 C values, 16 binned values out of total of 99 C values

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

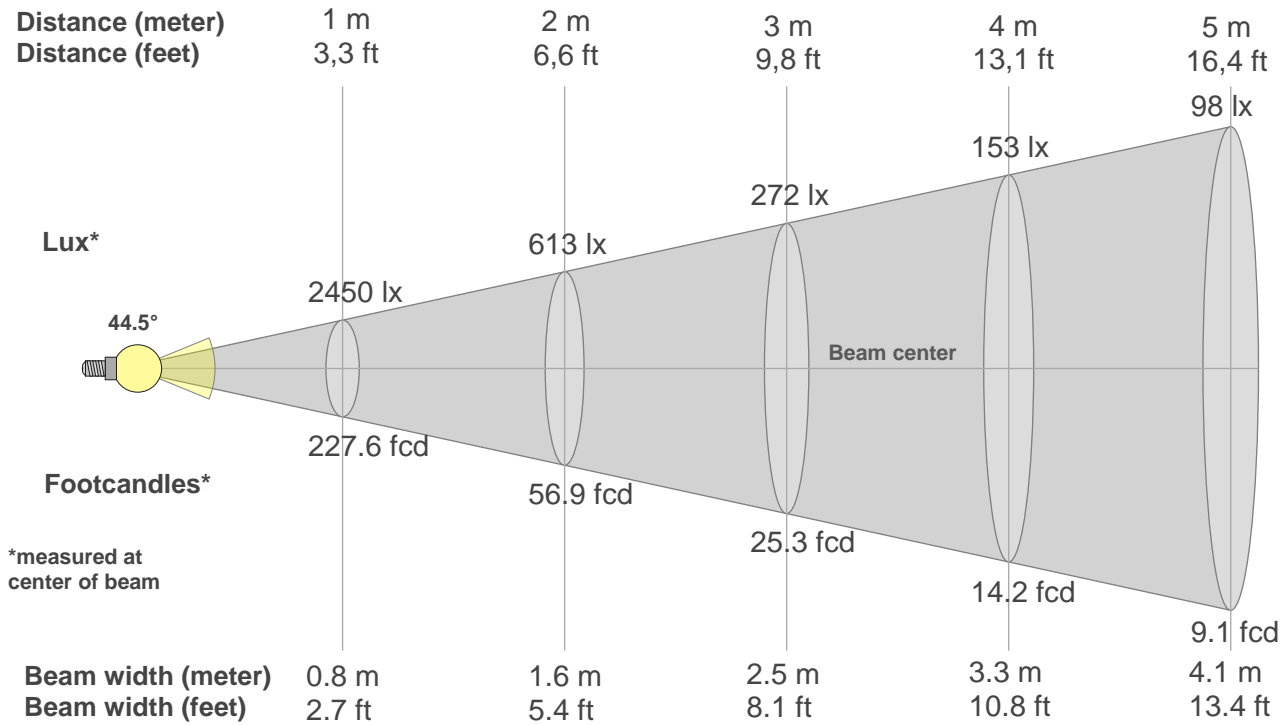
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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
2450lx	613lx	272lx	153lx	98lx	68lx	50lx	38lx	30lx	25lx	20lx	17lx	14lx	13lx	11lx	10lx	8lx	8lx	7lx	6lx
227.6fcd	56.9fcd	25.3fcd	14.2fcd	9.1fcd	6.3fcd	4.6fcd	3.6fcd	2.8fcd	2.3fcd	1.9fcd	1.6fcd	1.3fcd	1.2fcd	1fcd	0.9fcd	0.8fcd	0.7fcd	0.6fcd	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°
2450	2440	2403	2345	2263	2163	2044	1909	1760	1598	1428	1258	1095	945	812	696	597	513	441	378
100%	100%	98%	96%	92%	88%	83%	78%	72%	65%	58%	51%	45%	39%	33%	28%	24%	21%	18%	15%

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°
2450	2440	2407	2351	2268	2163	2038	1894	1738	1573	1407	1245	1098	964	845	740	647	563	488	420
100%	100%	98%	96%	93%	88%	83%	77%	71%	64%	57%	51%	45%	39%	35%	30%	26%	23%	20%	17%

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°
2450	2440	2403	2345	2263	2163	2044	1909	1760	1598	1428	1258	1095	945	812	696	597	513	441	378
100%	100%	98%	96%	92%	88%	83%	78%	72%	65%	58%	51%	45%	39%	33%	28%	24%	21%	18%	15%

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°
2450	2440	2407	2351	2268	2163	2038	1894	1738	1573	1407	1245	1098	964	845	740	647	563	488	420
100%	100%	98%	96%	93%	88%	83%	77%	71%	64%	57%	51%	45%	39%	35%	30%	26%	23%	20%	17%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
44.5°	87.4°	126.7°	90.5%	82.1%