

Light efficiency:



Light quality:



Color temperature:

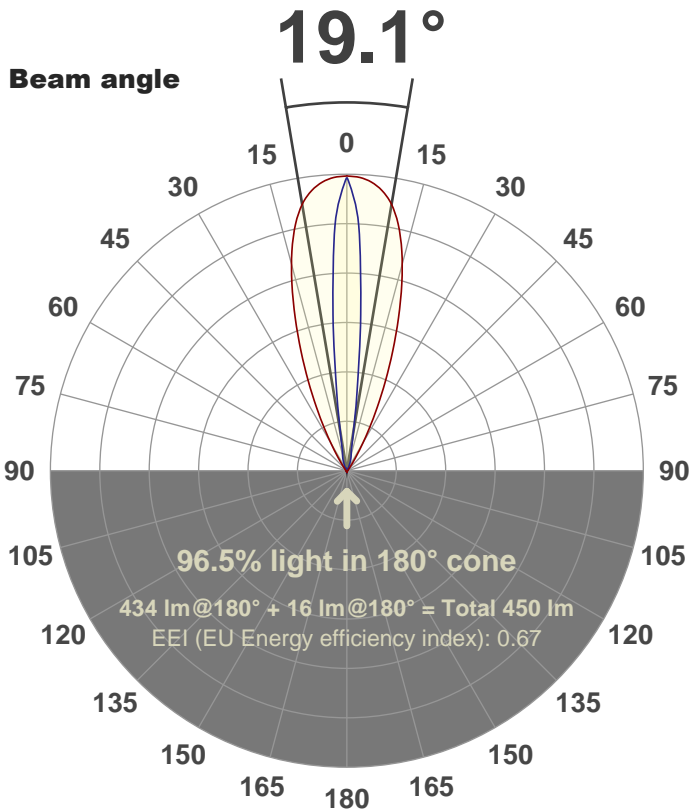


Output: 434 lm

Peak: 2457 cd

Power: 24.9 W

PF: 1.0



Product name:

FL25-CM-RGBW65K-IM-10x40-ELV-SM120-RED

Date and time:

10-Aug-18 1:54:36 PM

Additional Information:

LED: RGBW (6500K)

FIXTURE: FL25

FILM: 250264 (10°X40°)

COLOR-AMP: ON

STABILIZED: YES

COLOR (RGBW): RED

FWHM: 10.9°X39.3°

PERFORMED BY: ABDULLAH QURESHI

Color

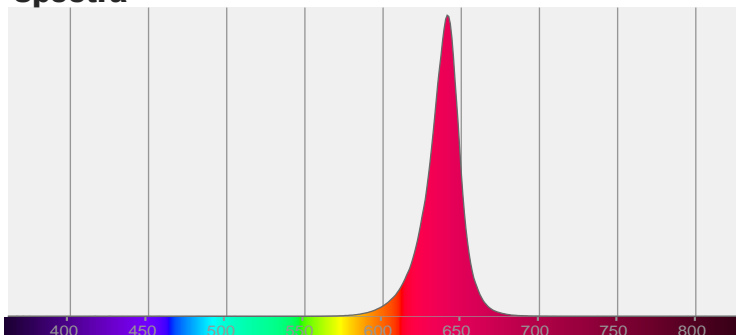


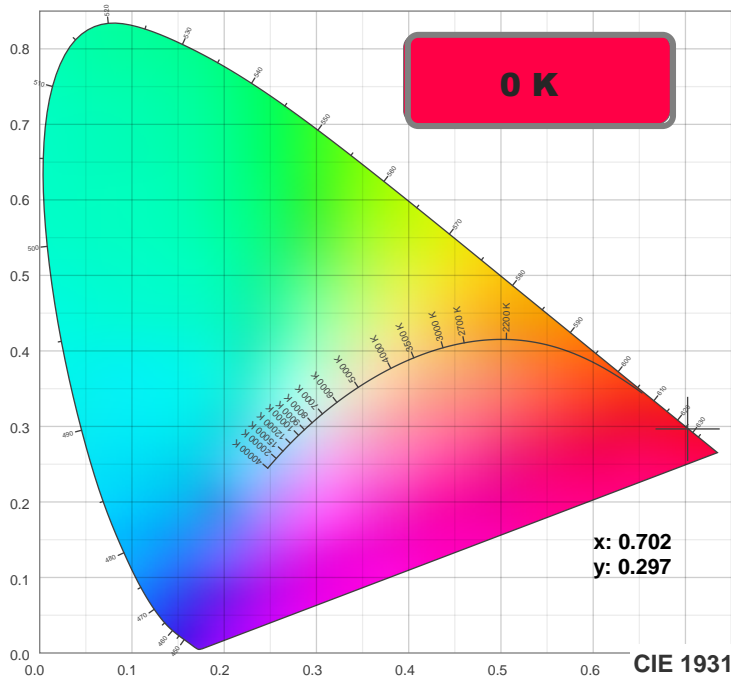
CIE 1931

x: 0.702

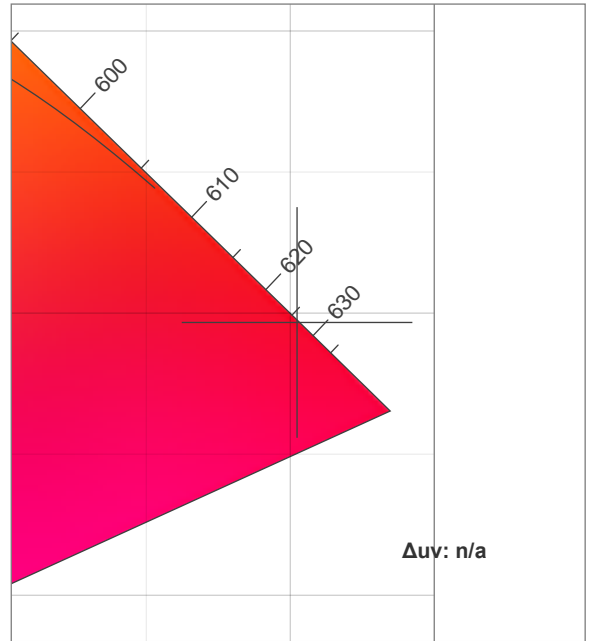
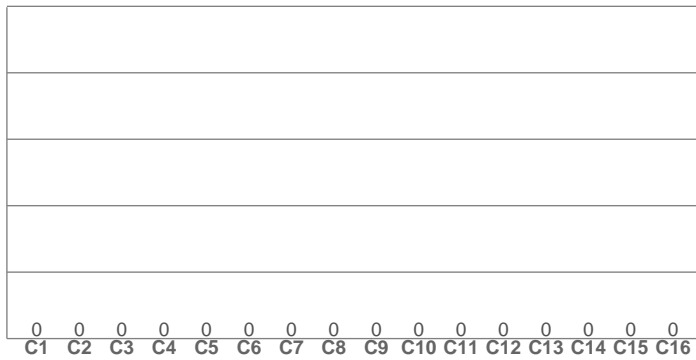
y: 0.297

Spectra





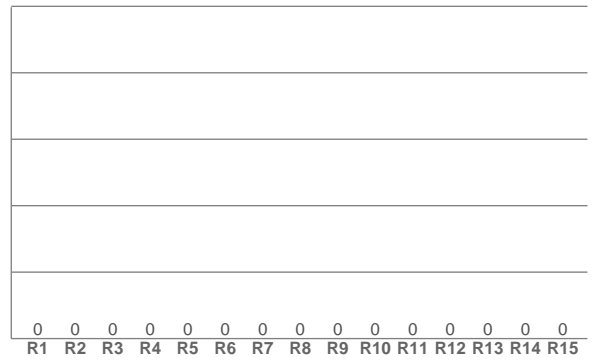
TM30: 0.0



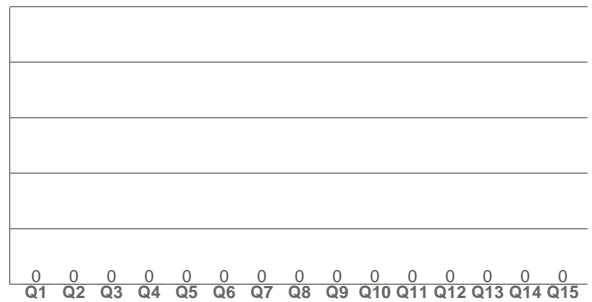
Δuv : n/a

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

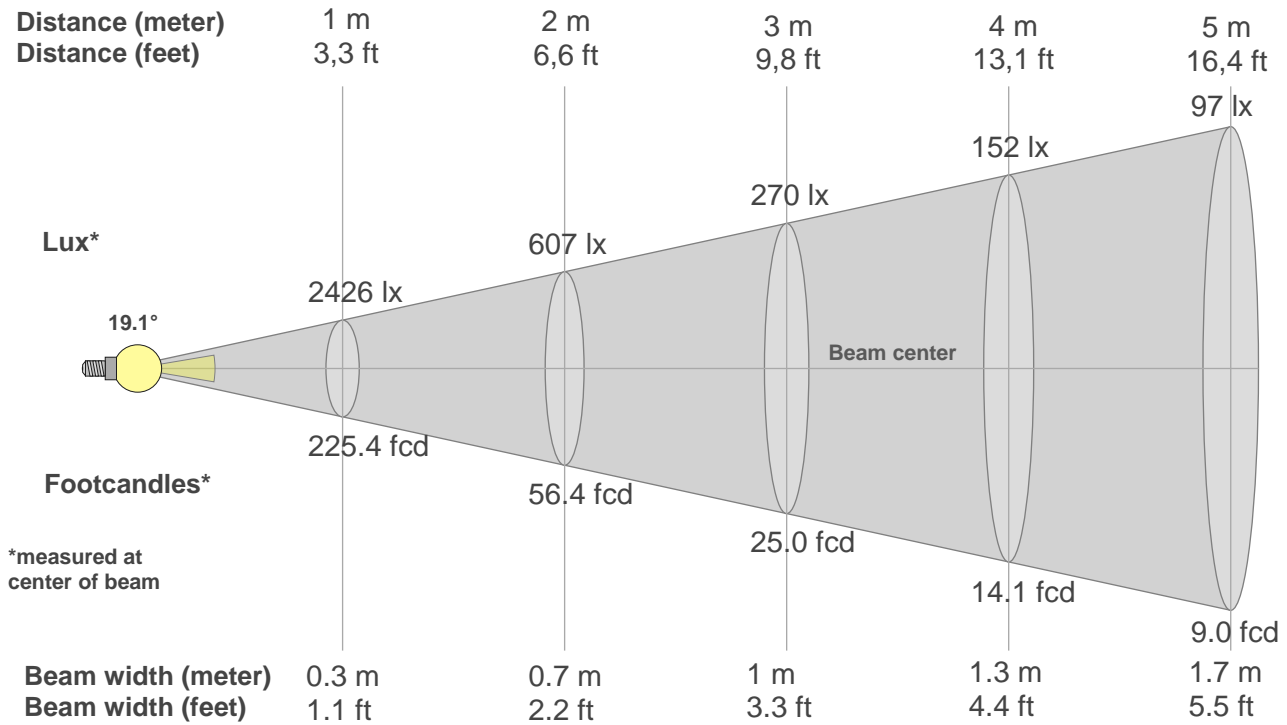
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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	0.702	0.297	0.545	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
2426lx	607lx	270lx	152lx	97lx	67lx	50lx	38lx	30lx	24lx	20lx	17lx	14lx	12lx	11lx	9lx	8lx	7lx	7lx	6lx
225.4fcd	56.4fcd	25fcd	14.1fcd	9fcd	6.3fcd	4.6fcd	3.5fcd	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°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
2426	2454	2450	2441	2427	2411	2385	2358	2318	2275	2219	2151	2078	1985	1892	1780	1667	1549	1427	1305
100%	101%	101%	101%	100%	99%	98%	97%	96%	94%	91%	89%	86%	82%	78%	73%	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°
2426	2317	2164	1973	1652	1330	1046	764	565	414	294	240	186	169	151	139	129	118	108	98
100%	95%	89%	81%	68%	55%	43%	32%	23%	17%	12%	10%	8%	7%	6%	6%	5%	5%	4%	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°
2426	2454	2450	2441	2427	2411	2385	2358	2318	2275	2219	2151	2078	1985	1892	1780	1667	1549	1427	1305
100%	101%	101%	101%	100%	99%	98%	97%	96%	94%	91%	89%	86%	82%	78%	73%	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°
2426	2317	2164	1973	1652	1330	1046	764	565	414	294	240	186	169	151	139	129	118	108	98
100%	95%	89%	81%	68%	55%	43%	32%	23%	17%	12%	10%	8%	7%	6%	6%	5%	5%	4%	4%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
19.1°	34.4°	57.5°	92.4%	89.3%