

Light efficiency:

21 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

0 K

Output: 1039 lm

Peak: 1629 cd

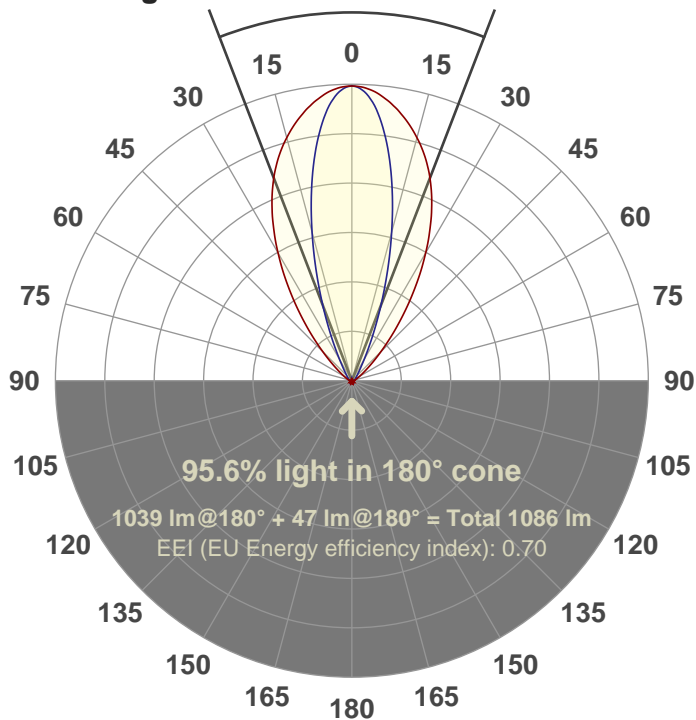
Power: 50.0 W

PF: 1.0



42.1°

Beam angle



Color



CIE 1931
x: 0.701
y: 0.298

Product name:

FL50-CM-RGBW65K-IM-30X60-ELV-SM-RED

Date and time:

01-Jun-18 3:07:01 PM

Additional Information:

LED: RGBW

FIXTURE: FL50

FILM: 250262 (30°X60°)

COLORAMP: ON

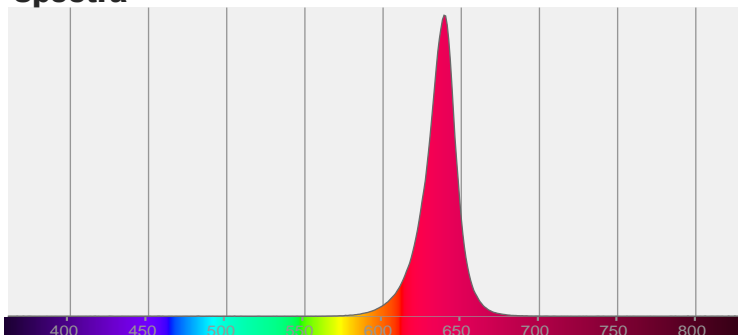
STABILIZED: YES

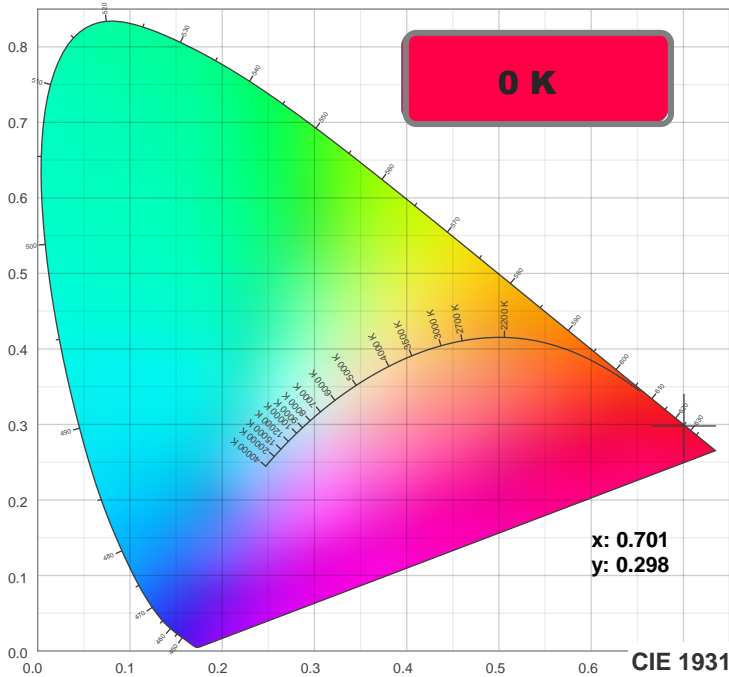
COLOR (RGBW): RED

FWHM: 31°X60.1°

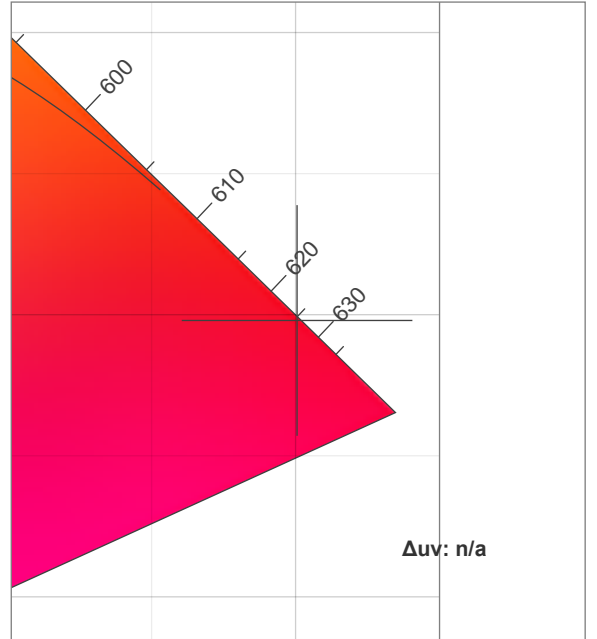
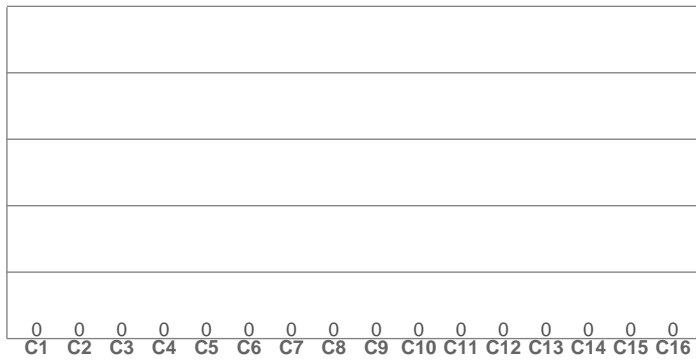
PERFORMED BY: ABDULLAH QURESHI

Spectra

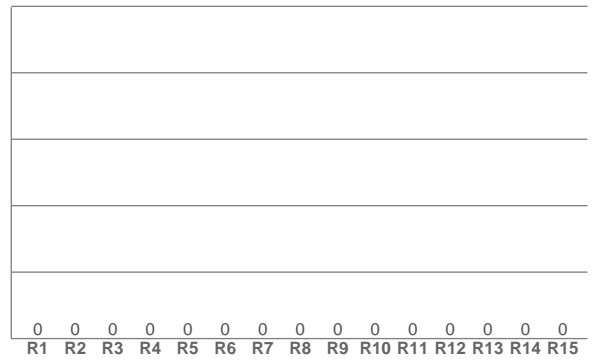




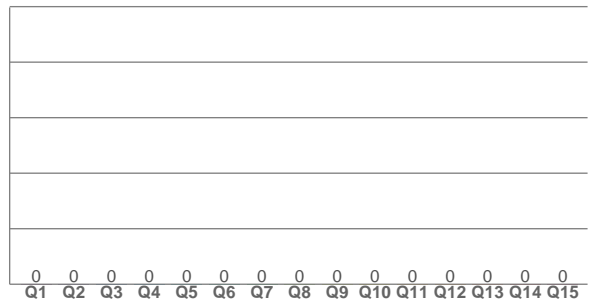
TM30: 0.0



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

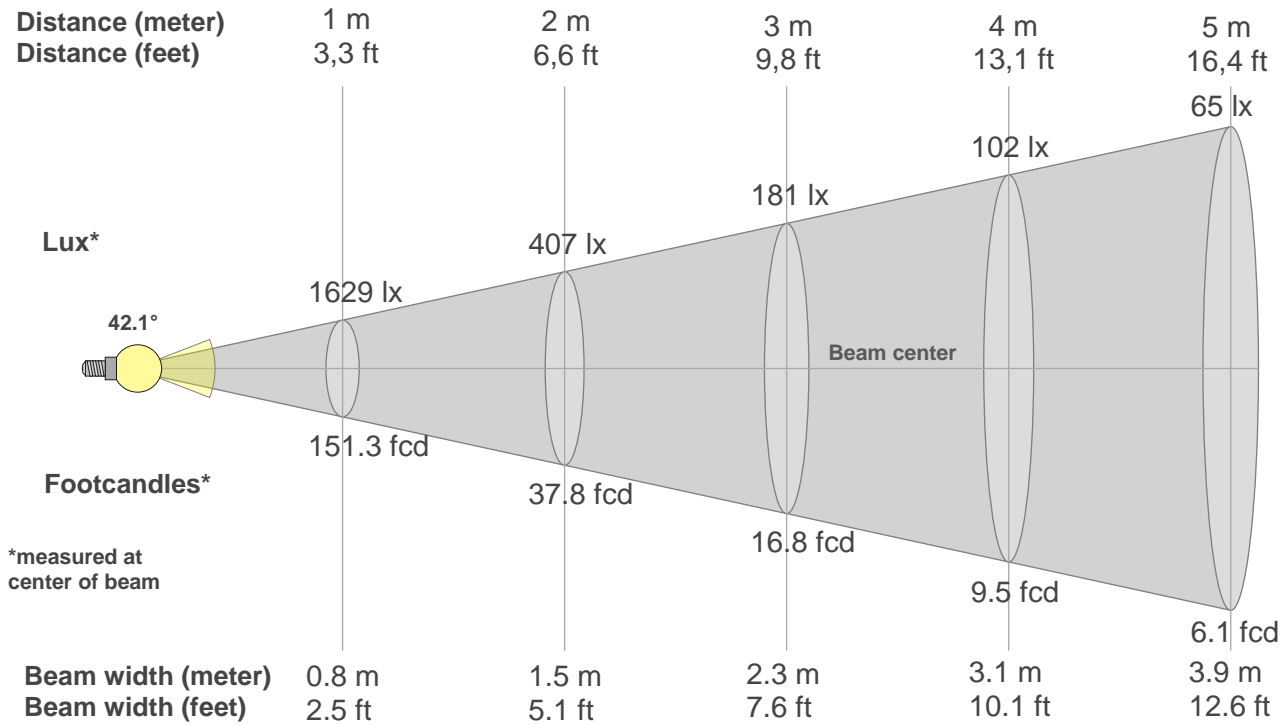
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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	0.701	0.298	0.542	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
1629lx	407lx	181lx	102lx	65lx	45lx	33lx	25lx	20lx	16lx	13lx	11lx	10lx	8lx	7lx	6lx	6lx	5lx	5lx	4lx
151.3fcd	37.8fcd	16.8fcd	9.5fcd	6.1fcd	4.2fcd	3.1fcd	2.4fcd	1.9fcd	1.5fcd	1.3fcd	1.1fcd	0.9fcd	0.8fcd	0.7fcd	0.6fcd	0.5fcd	0.5fcd	0.4fcd	0.4fcd

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°
1629	1624	1608	1582	1549	1510	1466	1417	1364	1305	1239	1165	1086	1000	909	816	724	630	541	457
100%	100%	99%	97%	95%	93%	90%	87%	84%	80%	76%	72%	67%	61%	56%	50%	44%	39%	33%	28%

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°
1629	1609	1553	1464	1349	1217	1073	924	777	637	509	398	306	233	177	136	107	87	73	62
100%	99%	95%	90%	83%	75%	66%	57%	48%	39%	31%	24%	19%	14%	11%	8%	7%	5%	4%	4%

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°
1629	1624	1608	1582	1549	1510	1466	1417	1364	1305	1239	1165	1086	1000	909	816	724	630	541	457
100%	100%	99%	97%	95%	93%	90%	87%	84%	80%	76%	72%	67%	61%	56%	50%	44%	39%	33%	28%

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°
1629	1609	1553	1464	1349	1217	1073	924	777	637	509	398	306	233	177	136	107	87	73	62
100%	99%	95%	90%	83%	75%	66%	57%	48%	39%	31%	24%	19%	14%	11%	8%	7%	5%	4%	4%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
42.1°	73.7°	105.7°	90.7%	84.2%