

Light efficiency:

21 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

0 K

Output: 1065 lm

Peak: 3468 cd

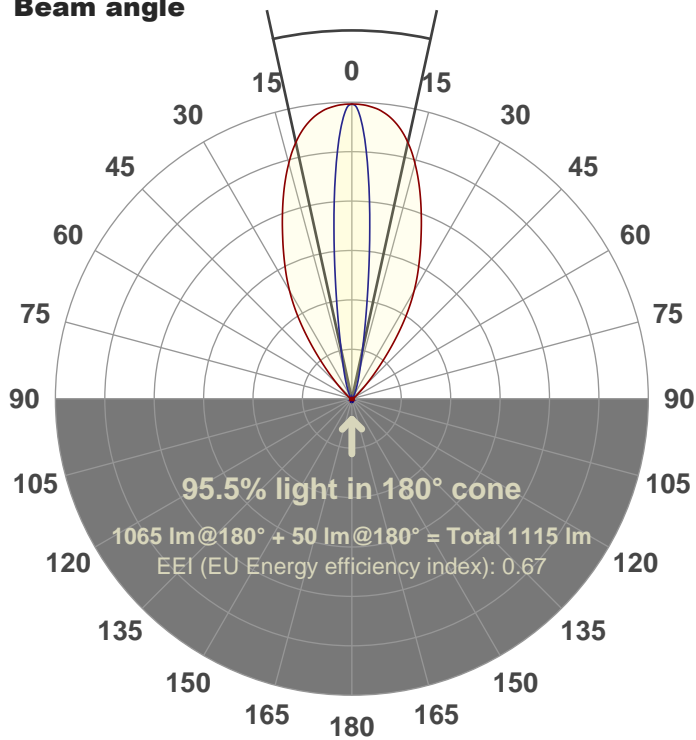
Power: 50.0 W

PF: 1.0



24.7°

Beam angle



Color



CIE 1931
x: 0.701
y: 0.298

Product name:

FL50-CM-RGBW65K-IM-10X60-ELV-SM-RED

Date and time:

01-Jun-18 11:21:05 AM

Additional Information:

LED: RGBW

FIXTURE: FL50

FILM: 250260 (10°X60°)

COLORAMP: ON

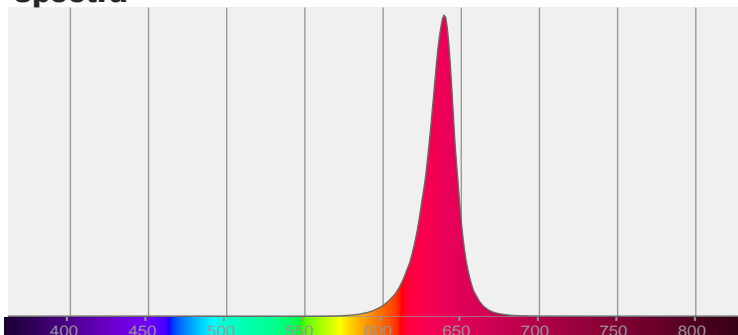
STABILIZED: YES

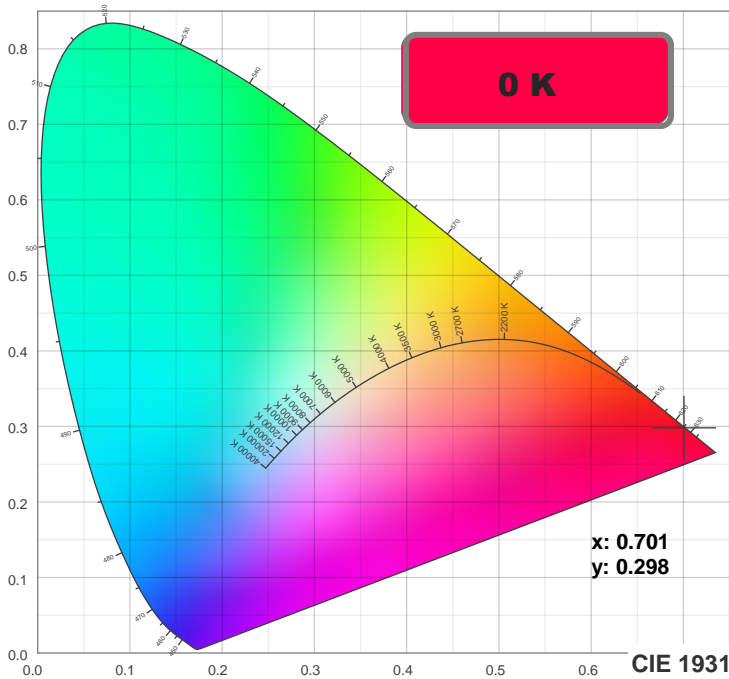
COLOR (RGBW): RED

FWHM: 13.7°X53.8°

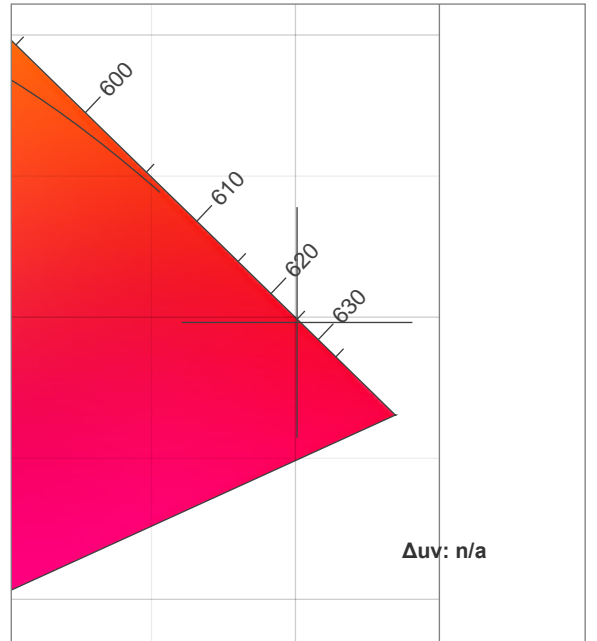
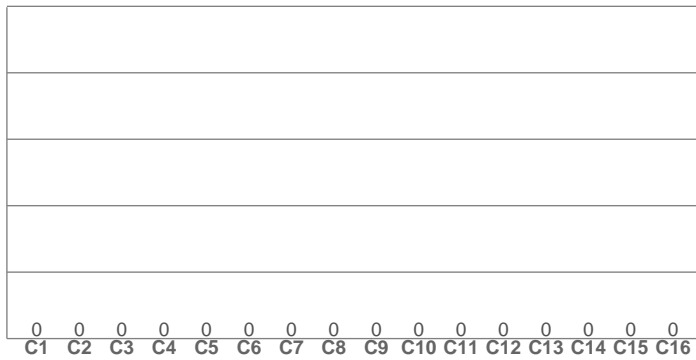
PERFORMED BY: ABDULLAH QURESHI

Spectra



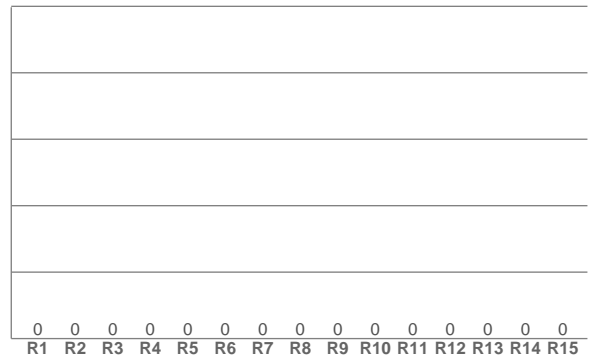


TM30: 0.0

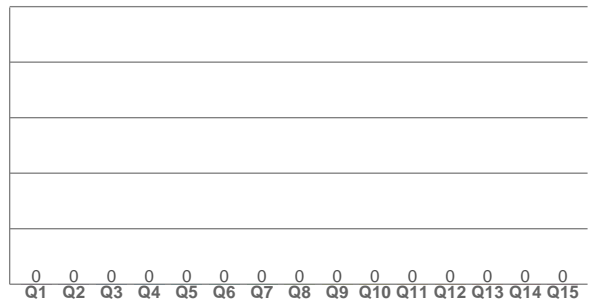


CIE 1931 ZOOM

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

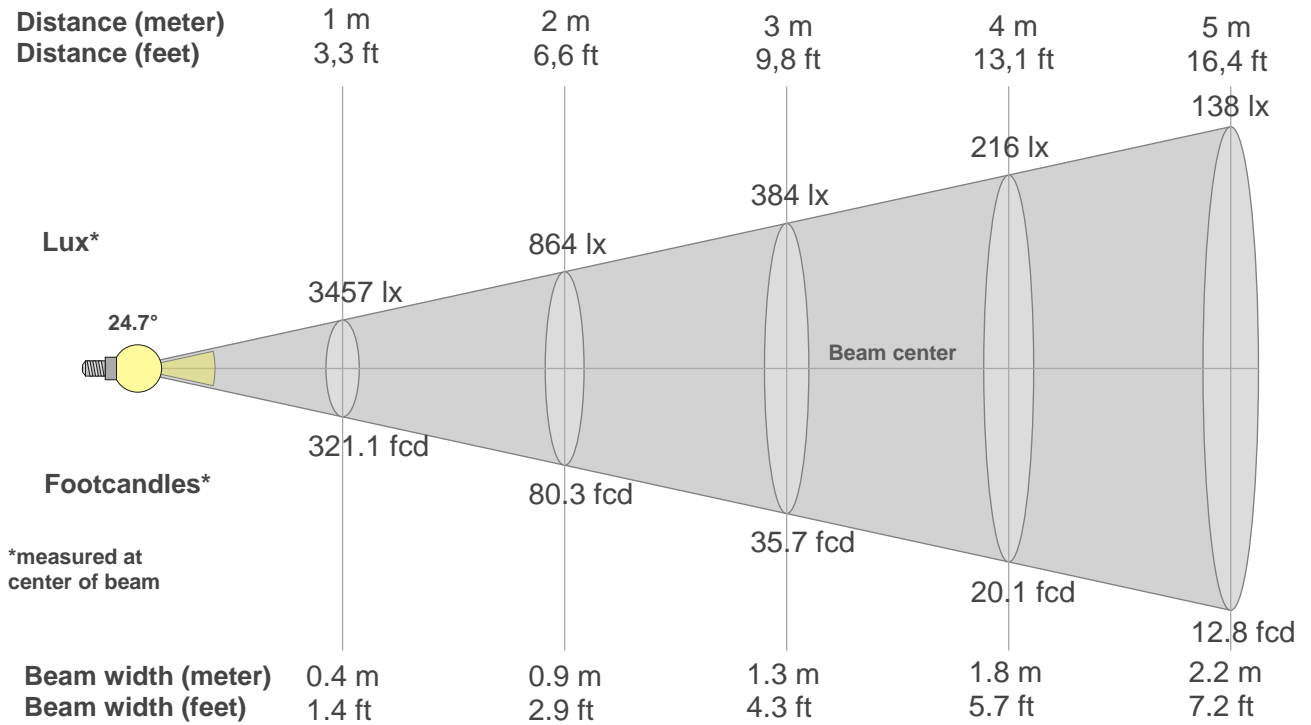
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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	0.701	0.298	0.541	0.346	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
3457lx	864lx	384lx	216lx	138lx	96lx	71lx	54lx	43lx	35lx	29lx	24lx	20lx	18lx	15lx	14lx	12lx	11lx	10lx	9lx
321.1fcd	80.3fcd	35.7fcd	20.1fcd	12.8fcd	8.9fcd	6.6fcd	5fcd	4fcd	3.2fcd	2.7fcd	2.2fcd	1.9fcd	1.6fcd	1.4fcd	1.3fcd	1.1fcd	1fcd	0.9fcd	0.8fcd

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°
3457	3461	3439	3398	3332	3236	3109	2956	2777	2583	2382	2182	1993	1814	1642	1465	1280	1082	881	690
100%	100%	99%	98%	96%	94%	90%	86%	80%	75%	69%	63%	58%	52%	47%	42%	37%	31%	25%	20%

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°
3457	3251	2703	2016	1386	922	624	444	333	255	196	151	118	93	75	61	51	44	37	33
100%	94%	78%	58%	40%	27%	18%	13%	10%	7%	6%	4%	3%	3%	2%	2%	1%	1%	1%	1%

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°
3457	3461	3439	3398	3332	3236	3109	2956	2777	2583	2382	2182	1993	1814	1642	1465	1280	1082	881	690
100%	100%	99%	98%	96%	94%	90%	86%	80%	75%	69%	63%	58%	52%	47%	42%	37%	31%	25%	20%

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°
3457	3251	2703	2016	1386	922	624	444	333	255	196	151	118	93	75	61	51	44	37	33
100%	94%	78%	58%	40%	27%	18%	13%	10%	7%	6%	4%	3%	3%	2%	2%	1%	1%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
24.7°	48.3°	73.7°	90.9%	86.1%