

Light efficiency:

23 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

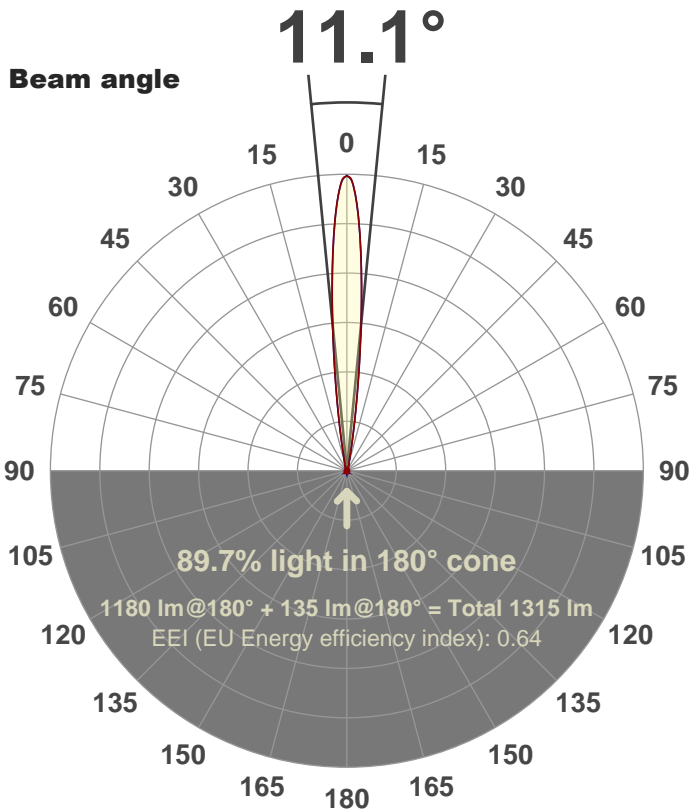
0 K

Output: 1180 lm

Peak: 18482 cd

Power: 50.3 W

PF: 1.0



Product name:

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

Date and time:

22-May-18 2:38:08 PM

Additional Information:

LED: RGBW

FIXTURE: FL50

FILM: 250251 (BEAM MIXING)

COLORAMP: ON

STABILIZED: YES

COLOR (RGBW): RED

PERFORMED BY: ABDULLAH QURESHI

Color

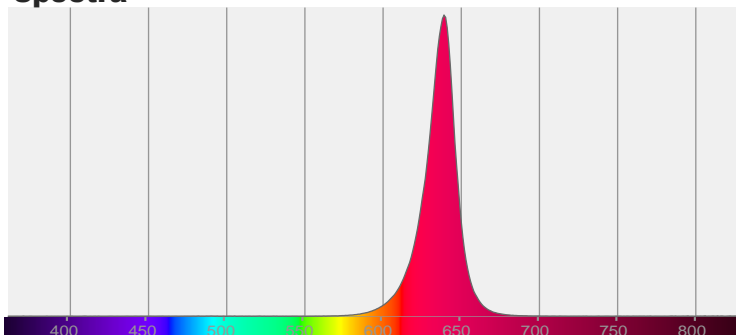


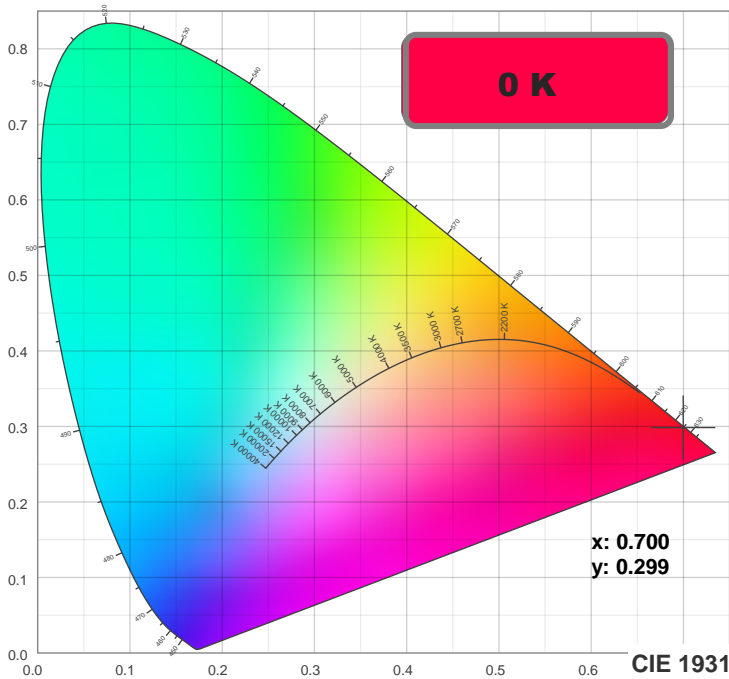
CIE 1931

x: 0.700

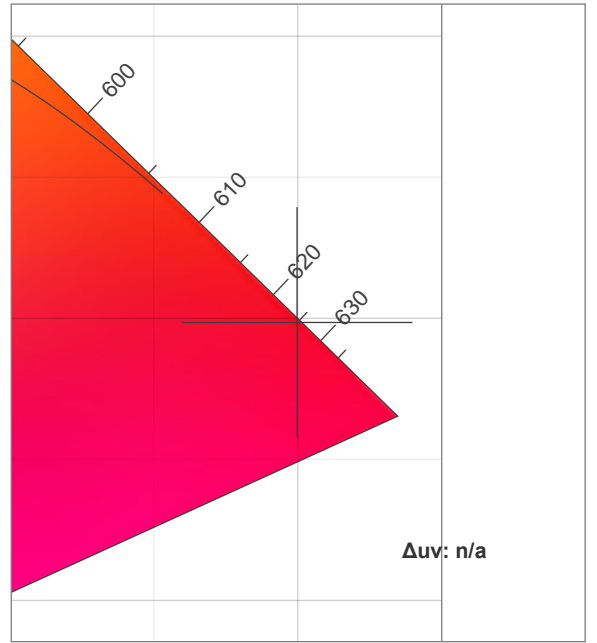
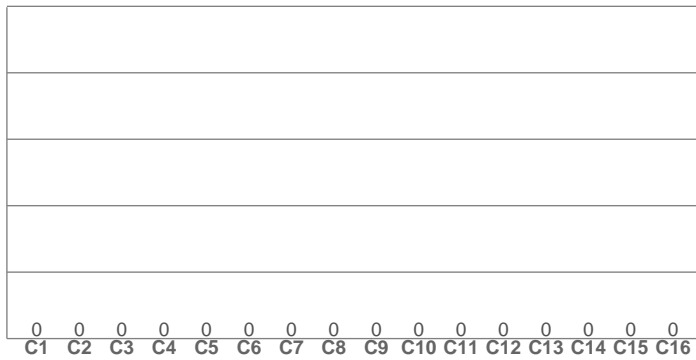
y: 0.299

Spectra





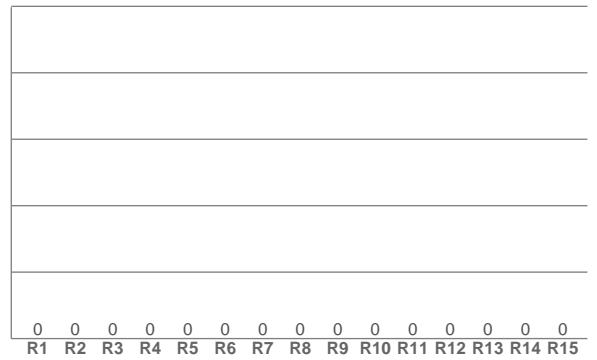
TM30: 0.0



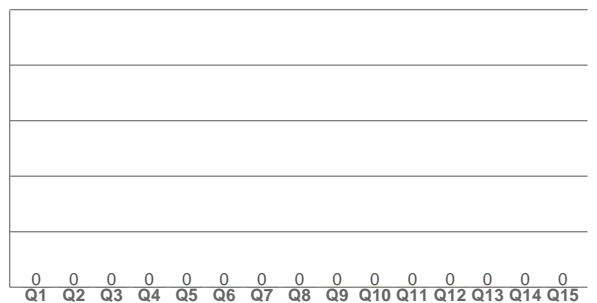
Δuv : n/a

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

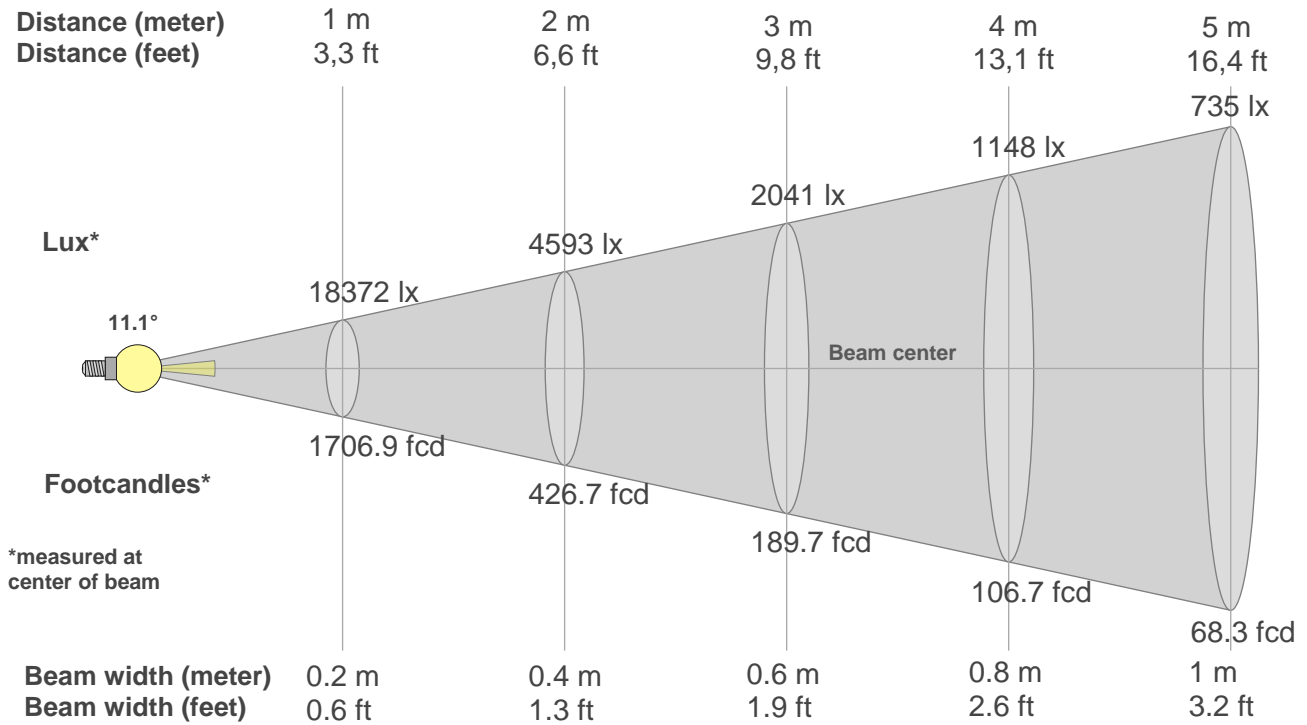
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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	0.700	0.299	0.540	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
18372lx	4593lx	2041lx	1148lx	735lx	510lx	375lx	287lx	227lx	184lx	152lx	128lx	109lx	94lx	82lx	72lx	64lx	57lx	51lx	46lx
1706.9fcd	426.7fcd	189.7fcd	106.7fcd	68.3fcd	47.4fcd	34.8fcd	26.7fcd	21.1fcd	17.1fcd	14.1fcd	11.9fcd	10.1fcd	8.7fcd	7.6fcd	6.7fcd	5.9fcd	5.3fcd	4.7fcd	4.3fcd

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°
18.4K	18.1K	16.9K	15.1K	12.9K	10.5K	8.2K	6.1K	4.4K	3.1K	2.1K	1.4K	1.0K	0.8K	0.6K	0.6K	0.5K	0.5K	0.4K	0.4K
100%	98%	92%	82%	70%	57%	45%	33%	24%	17%	11%	8%	6%	4%	3%	3%	3%	2%	2%	2%

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°
18.4K	18.1K	16.9K	15.0K	12.8K	10.4K	8.1K	6.0K	4.3K	3.0K	2.1K	1.5K	1.1K	0.8K	0.6K	0.6K	0.5K	0.5K	0.4K	0.4K
100%	99%	92%	82%	70%	57%	44%	33%	23%	16%	11%	8%	6%	4%	4%	3%	3%	2%	2%	2%

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°
18.4K	18.1K	16.9K	15.1K	12.9K	10.5K	8.2K	6.1K	4.4K	3.1K	2.1K	1.4K	1.0K	0.8K	0.6K	0.6K	0.5K	0.5K	0.4K	0.4K
100%	98%	92%	82%	70%	57%	45%	33%	24%	17%	11%	8%	6%	4%	3%	3%	3%	2%	2%	2%

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°
18.4K	18.1K	16.9K	15.0K	12.8K	10.4K	8.1K	6.0K	4.3K	3.0K	2.1K	1.5K	1.1K	0.8K	0.6K	0.6K	0.5K	0.5K	0.4K	0.4K
100%	99%	92%	82%	70%	57%	44%	33%	23%	16%	11%	8%	6%	4%	4%	3%	3%	2%	2%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
11.1°	20.6°	34°	82.2%	78.5%