

Light efficiency:

21 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

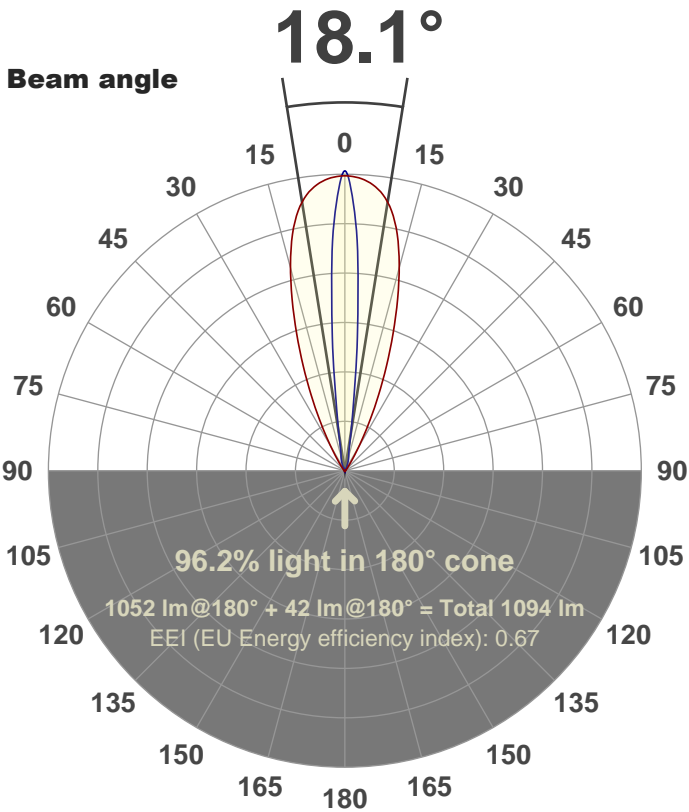
0 K

Output: 1052 lm

Peak: 6449 cd

Power: 50.1 W

PF: 1.0



Color



CIE 1931
x: 0.701
y: 0.298

Product name:

FL50-CM-RGBW65K-IM-10X40-ELV-SM-RED

Date and time:

13-Aug-18 1:02:53 PM

Additional Information:

LED: RGBW

FIXTURE: FL50

FILM: 250264 (10°X40°)

COLORAMP: ON

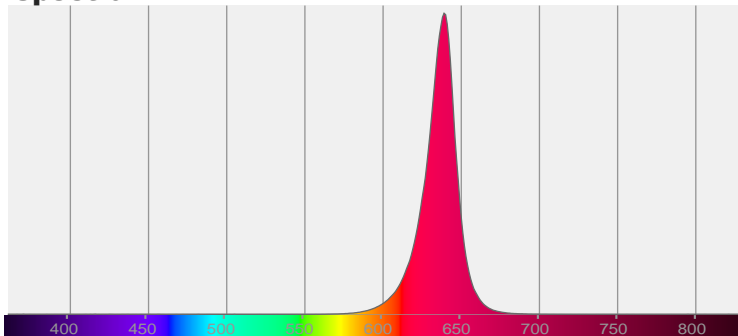
STABILIZED: YES

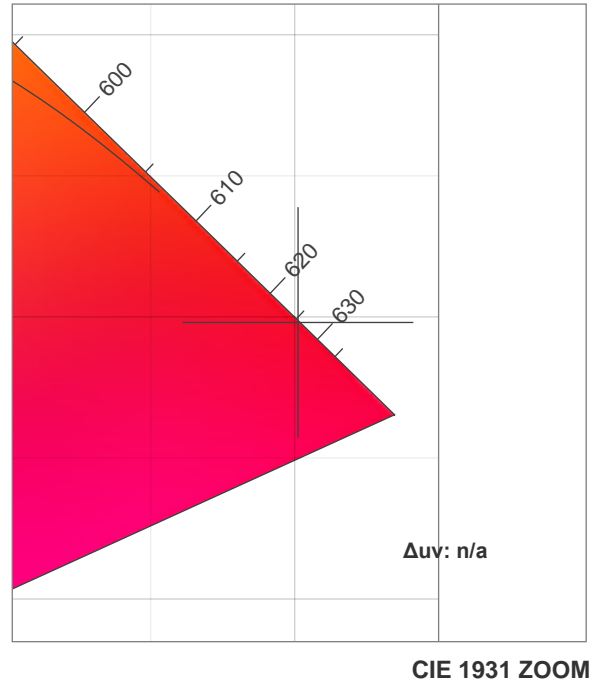
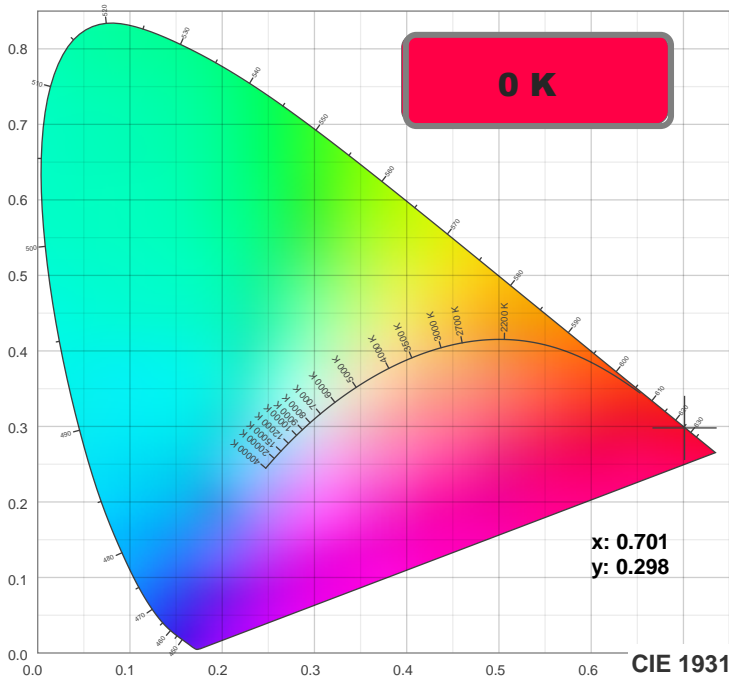
COLOR (RGBW): RED

FWHM: 10.1°x38.5°

PERFORMED BY: ABDULLAH QURESHI

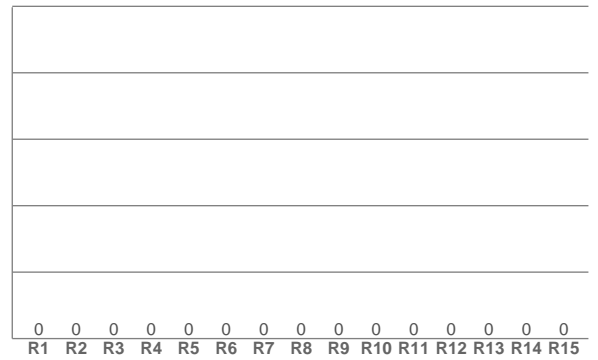
Spectra





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

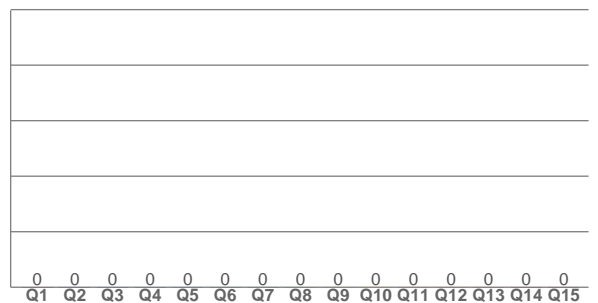
TM30 C values, 16 binned values out of total of 99 C values

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

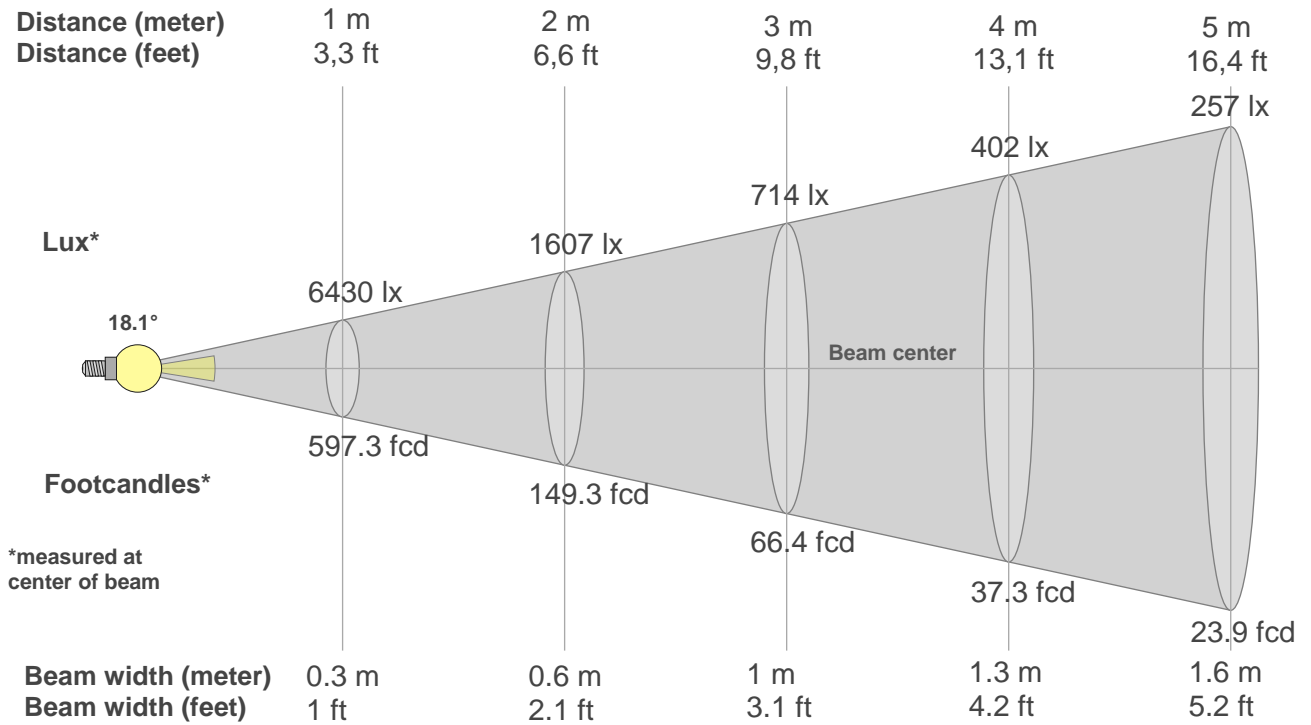
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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	0.701	0.298	0.542	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
6430lx	1607lx	714lx	402lx	257lx	179lx	131lx	100lx	79lx	64lx	53lx	45lx	38lx	33lx	29lx	25lx	22lx	20lx	18lx	16lx
597.3fcd	149.3fcd	66.4fcd	37.3fcd	23.9fcd	16.6fcd	12.2fcd	9.3fcd	7.4fcd	6fcd	4.9fcd	4.1fcd	3.5fcd	3fcd	2.7fcd	2.3fcd	2.1fcd	1.8fcd	1.7fcd	1.5fcd

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°
6430	6447	6426	6405	6365	6316	6253	6169	6078	5941	5803	5609	5401	5158	4880	4593	4276	3958	3630	3301
100%	100%	100%	100%	99%	98%	97%	96%	95%	92%	90%	87%	84%	80%	76%	71%	66%	62%	56%	51%

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°
6430	6253	5664	5076	4180	3264	2485	1783	1217	913	619	525	431	384	353	324	301	276	250	224
100%	97%	88%	79%	65%	51%	39%	28%	19%	14%	10%	8%	7%	6%	5%	5%	5%	4%	4%	3%

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°
6430	6447	6426	6405	6365	6316	6253	6169	6078	5941	5803	5609	5401	5158	4880	4593	4276	3958	3630	3301
100%	100%	100%	100%	99%	98%	97%	96%	95%	92%	90%	87%	84%	80%	76%	71%	66%	62%	56%	51%

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°
6430	6253	5664	5076	4180	3264	2485	1783	1217	913	619	525	431	384	353	324	301	276	250	224
100%	97%	88%	79%	65%	51%	39%	28%	19%	14%	10%	8%	7%	6%	5%	5%	5%	4%	4%	3%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18.1°	32.3°	54.9°	92.0%	89.0%