

Light efficiency:

16 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

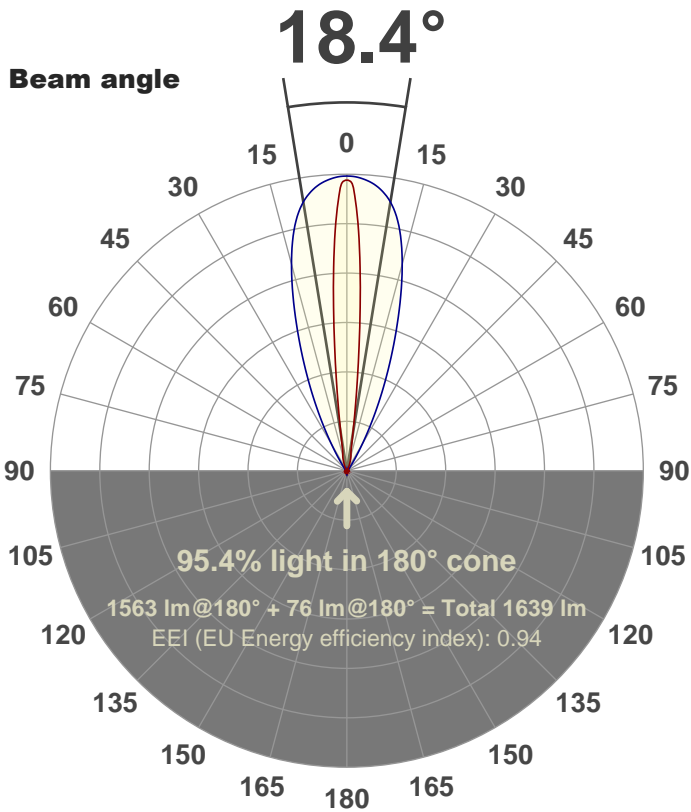
0 K

Output: 1563 lm

Peak: 9052 cd

Power: 98.8 W

PF: 1.0



Product name:

FL100-CM-RGBW65K-IM-40X10-ELV-SM-RED

Date and time:

08-Jun-18 3:23:39 PM

Additional Information:

LED: RGBW

FIXTURE: FL100

FILM: 250237 (40°X1°)

COLOR-AMP: ON

STABILIZED: YES

COLOR (RGBW): RED

FWHM: 39°X10.3°

PERFORMED BY: ABDULLAH QURESHI

Color

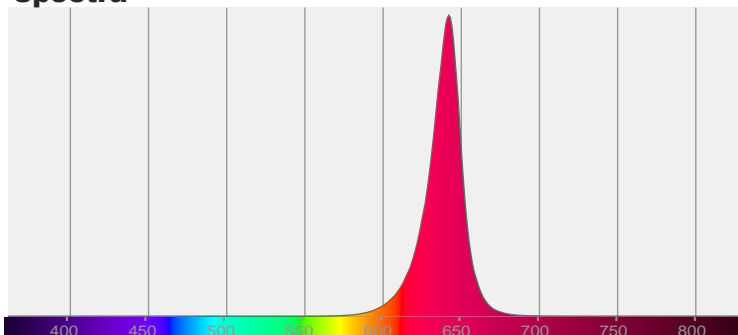


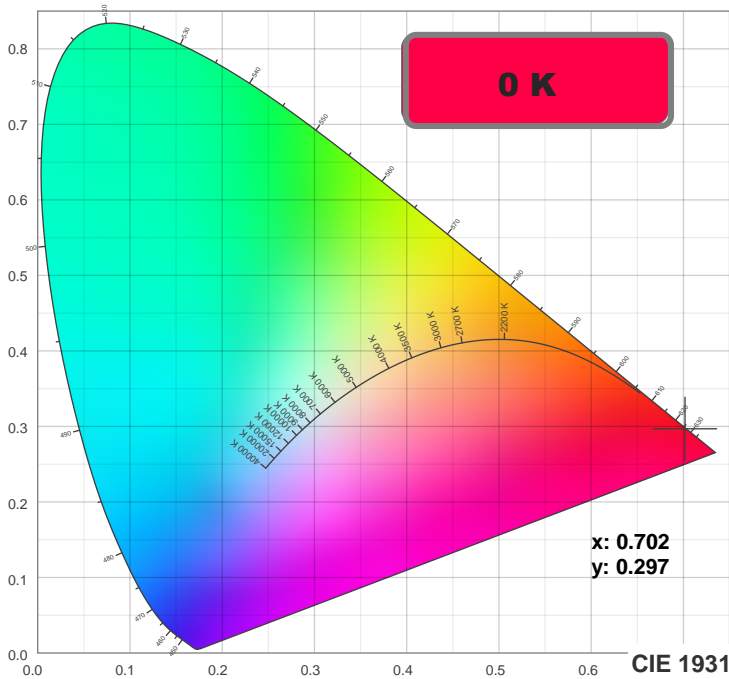
CIE 1931

x: 0.702

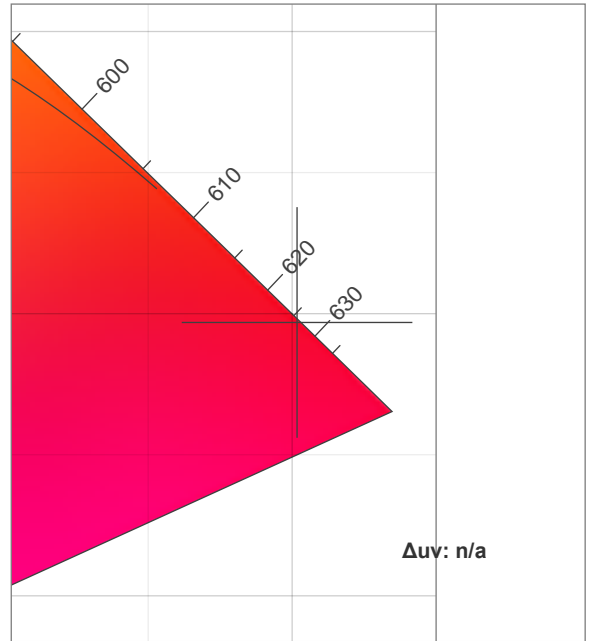
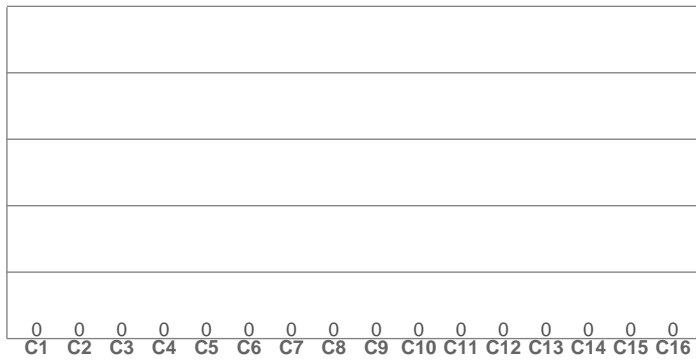
y: 0.297

Spectra





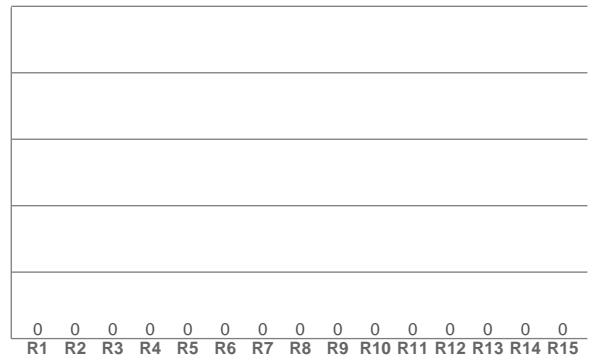
TM30: 0.0



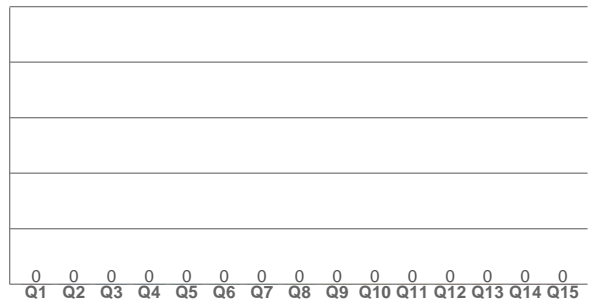
$\Delta uv: n/a$

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

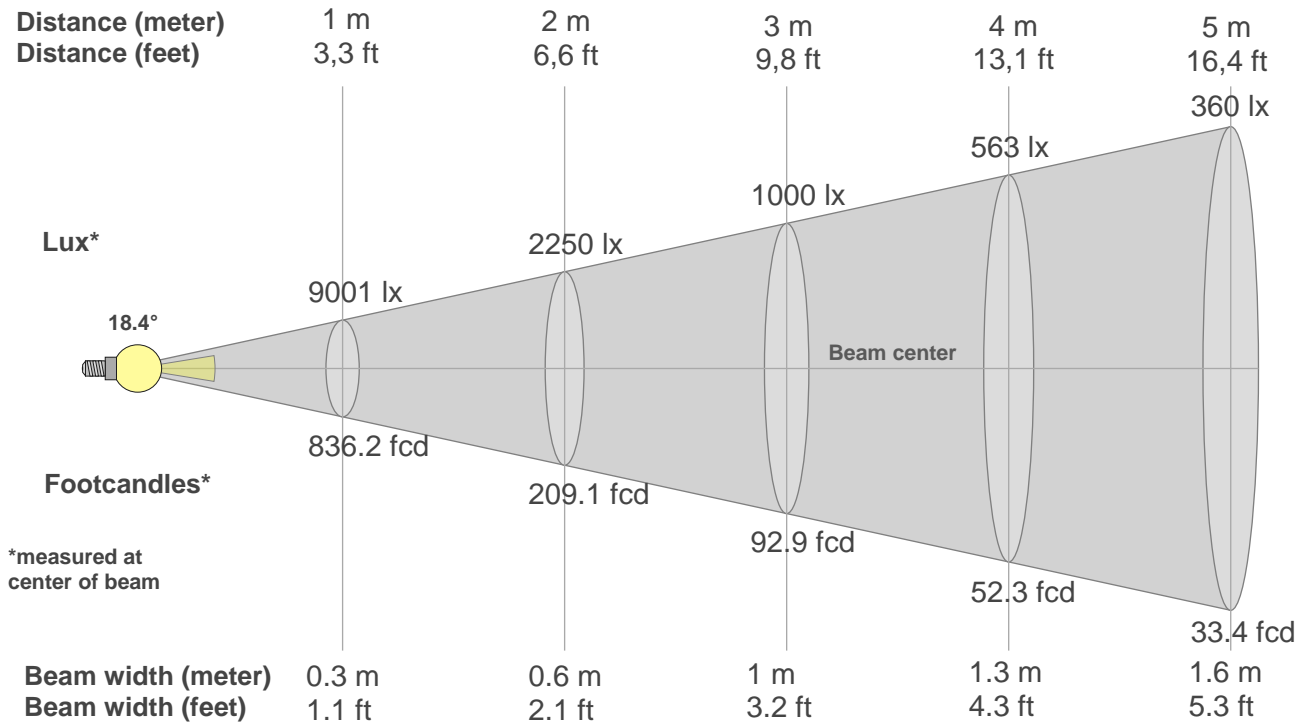
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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	0.544	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
9001lx	2250lx	1000lx	563lx	360lx	250lx	184lx	141lx	111lx	90lx	74lx	63lx	53lx	46lx	40lx	35lx	31lx	28lx	25lx	23lx
836.2fcd	209.1fcd	92.9fcd	52.3fcd	33.4fcd	23.2fcd	17.1fcd	13.1fcd	10.3fcd	8.4fcd	6.9fcd	5.8fcd	4.9fcd	4.3fcd	3.7fcd	3.3fcd	2.9fcd	2.6fcd	2.3fcd	2.1fcd

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°
9001	8804	8132	7124	5890	4601	3423	2461	1734	1235	921	736	626	561	517	485	452	414	376	333
100%	98%	90%	79%	65%	51%	38%	27%	19%	14%	10%	8%	7%	6%	6%	5%	5%	5%	4%	4%

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°
9001	9046	9024	8986	8936	8873	8789	8683	8553	8396	8201	7965	7682	7352	6978	6567	6131	5675	5212	4747
100%	100%	100%	100%	99%	99%	98%	96%	95%	93%	91%	88%	85%	82%	78%	73%	68%	63%	58%	53%

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°
9001	8804	8132	7124	5890	4601	3423	2461	1734	1235	921	736	626	561	517	485	452	414	376	333
100%	98%	90%	79%	65%	51%	38%	27%	19%	14%	10%	8%	7%	6%	6%	5%	5%	5%	4%	4%

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°
9001	9046	9024	8986	8936	8873	8789	8683	8553	8396	8201	7965	7682	7352	6978	6567	6131	5675	5212	4747
100%	100%	100%	100%	99%	99%	98%	96%	95%	93%	91%	88%	85%	82%	78%	73%	68%	63%	58%	53%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18.4°	33.1°	56.4°	90.5%	87.2%