

Light efficiency:



Light quality:



Color temperature:



Output: 1059 lm

Peak: 4704 cd

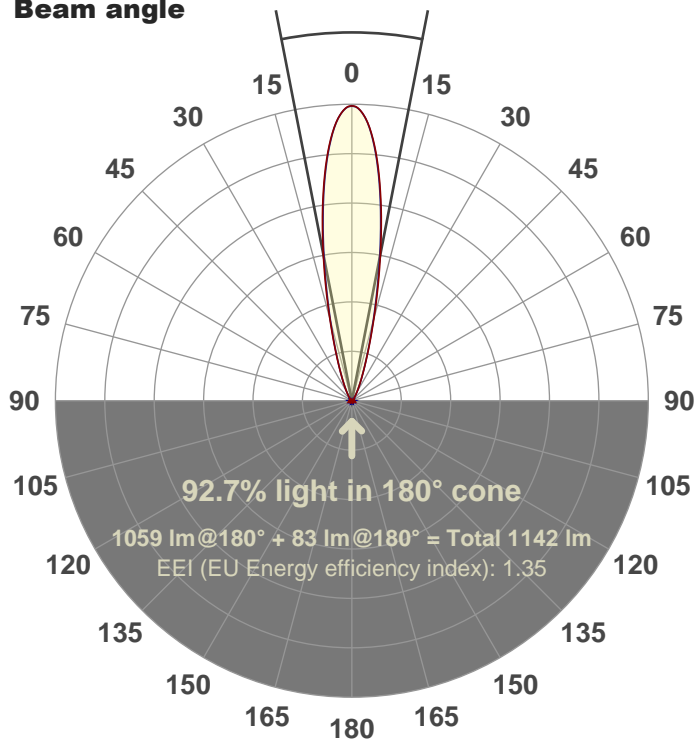
Power: 99.3 W

PF: 1.0



22°

Beam angle



Product name:

FL100-CM-RGBW65K-IM-20-ELV-SM-BLUE

Date and time:

12-Jun-18 3:16:46 PM

Additional Information:

LED: RGBW

FIXTURE: FL100

FILM: 250241 (20°)

COLOR-AMP: ON

STABILIZED: YES

COLOR (RGBW): BLUE

PERFORMED BY: ABDULLAH QURESHI

Color

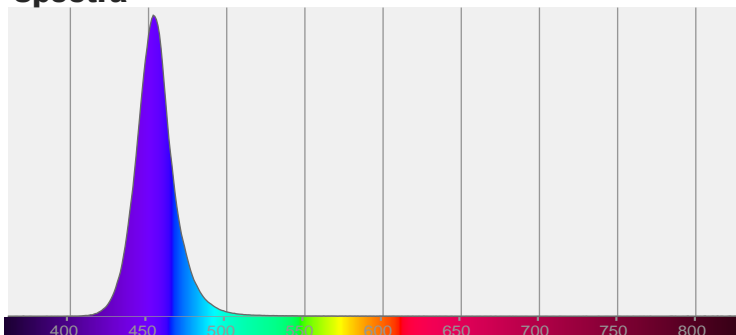


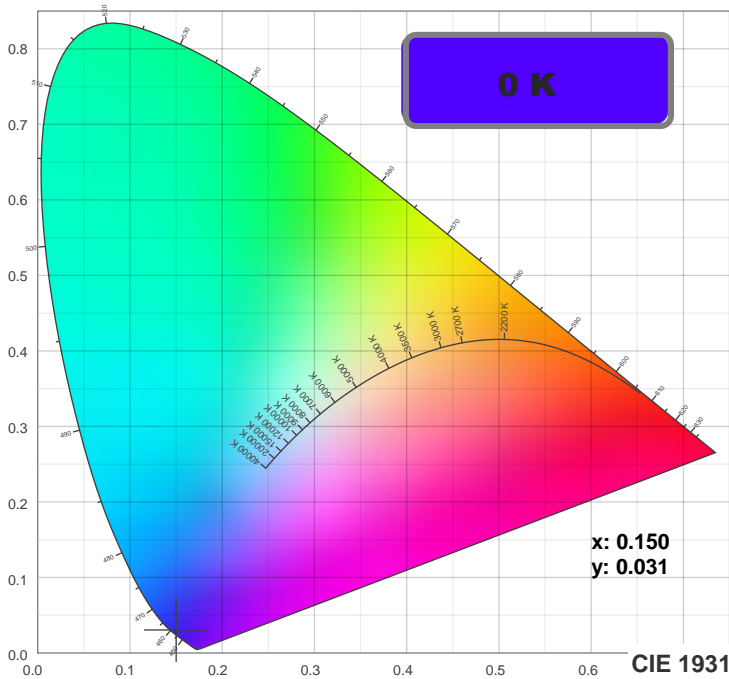
CIE 1931

x: 0.150

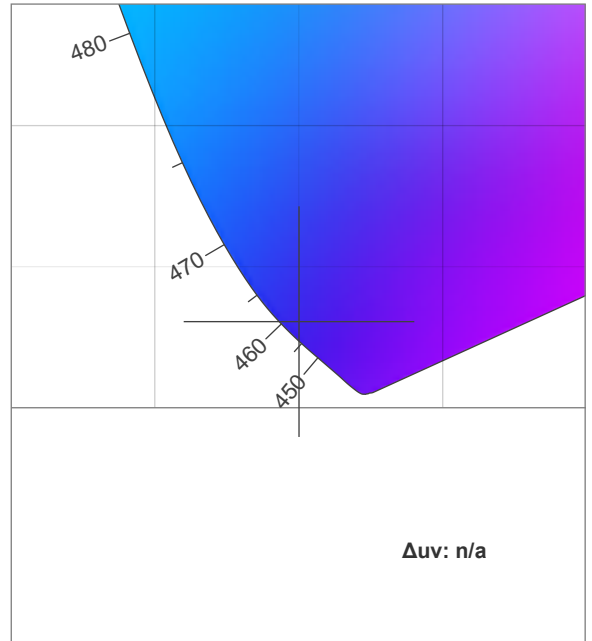
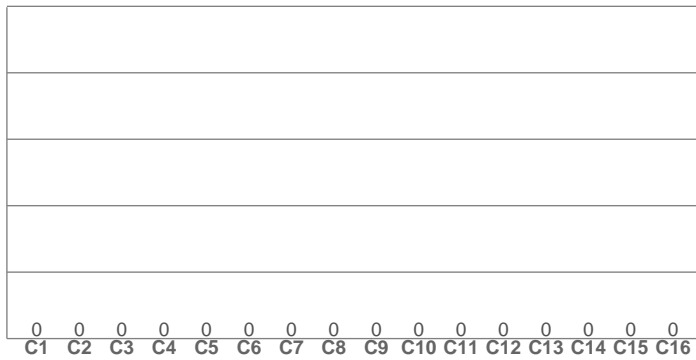
y: 0.031

Spectra





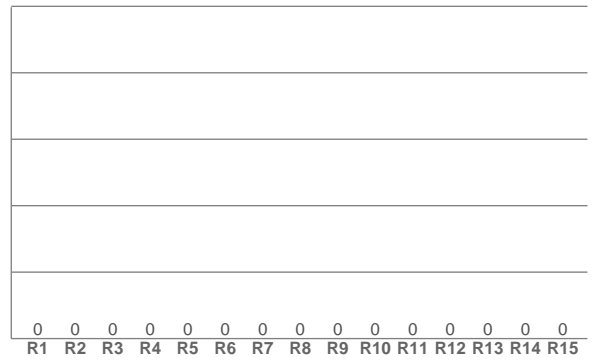
TM30: 0.0



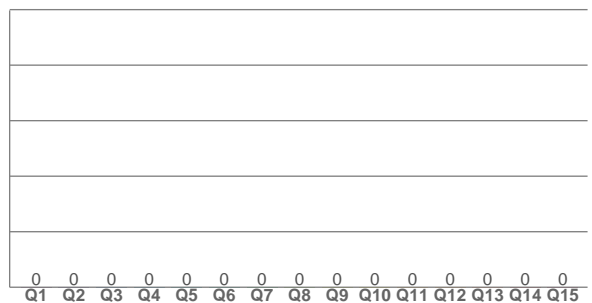
Δuv : n/a

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

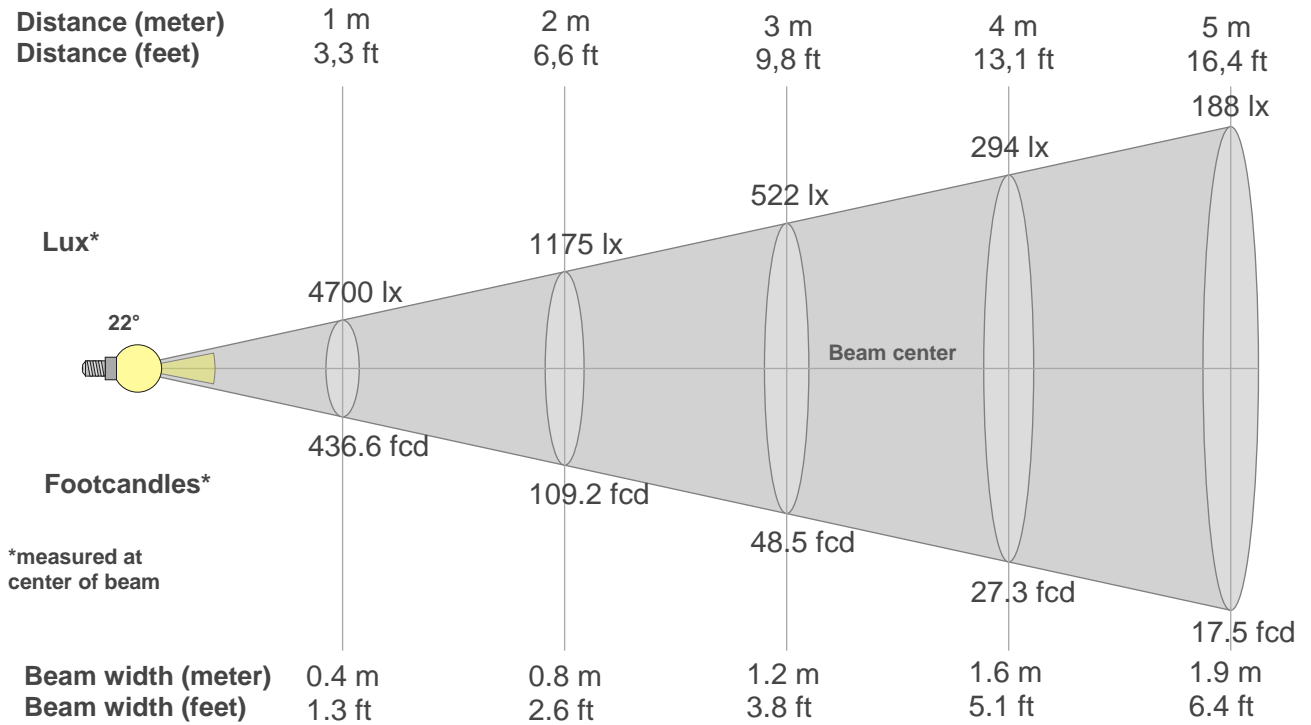
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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	0.150	0.031	0.196	0.060	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
4700lx	1175lx	522lx	294lx	188lx	131lx	96lx	73lx	58lx	47lx	39lx	33lx	28lx	24lx	21lx	18lx	16lx	15lx	13lx	12lx
436.6fcd	109.2fcd	48.5fcd	27.3fcd	17.5fcd	12.1fcd	8.9fcd	6.8fcd	5.4fcd	4.4fcd	3.6fcd	3fcd	2.6fcd	2.2fcd	1.9fcd	1.7fcd	1.5fcd	1.3fcd	1.2fcd	1.1fcd

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°
4700	4598	4309	3859	3295	2689	2104	1585	1164	855	628	468	357	274	213	165	130	103	84	69
100%	98%	92%	82%	70%	57%	45%	34%	25%	18%	13%	10%	8%	6%	5%	4%	3%	2%	2%	1%

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°
4700	4596	4296	3827	3250	2627	2036	1528	1123	824	613	458	348	265	204	158	124	98	81	68
100%	98%	91%	81%	69%	56%	43%	33%	24%	18%	13%	10%	7%	6%	4%	3%	3%	2%	2%	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°
4700	4598	4309	3859	3295	2689	2104	1585	1164	855	628	468	357	274	213	165	130	103	84	69
100%	98%	92%	82%	70%	57%	45%	34%	25%	18%	13%	10%	8%	6%	5%	4%	3%	2%	2%	1%

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°
4700	4596	4296	3827	3250	2627	2036	1528	1123	824	613	458	348	265	204	158	124	98	81	68
100%	98%	91%	81%	69%	56%	43%	33%	24%	18%	13%	10%	7%	6%	4%	3%	3%	2%	2%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
22°	43.7°	65.2°	86.5%	82.7%