Light efficiency:

11 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

0 K

Output: 1076 lm

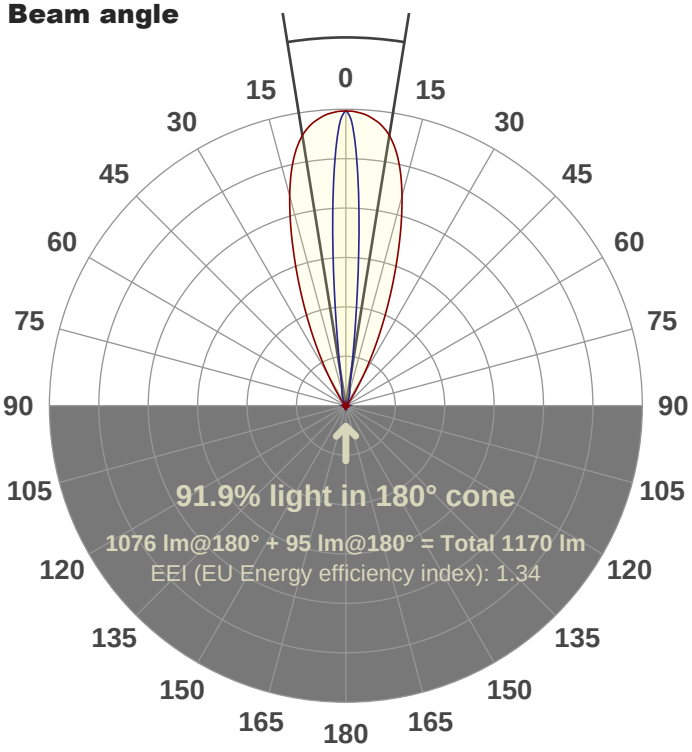
Peak: 6014 cd

Power: 99.2 W

PF: 1.0

Beam angle

18.3°



Color

CIE 1931
x: 0.150
y: 0.031

Product name:

FL100-CM-RGBW65K-IM-10X40-ELV-SM-BLUE

Date and time:

13-Jun-18 10:39:51 AM

Additional Information:

LED: RGBW

FIXTURE: FL100

FILM: 250232 (1°X40°)

COLOR-AMP: ON

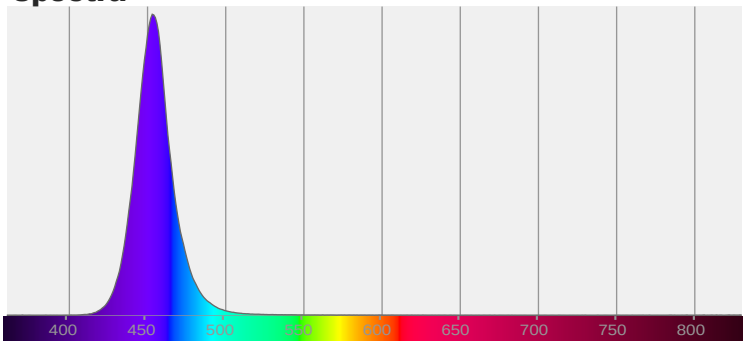
STABILIZED: YES

COLOR (RGBW): BLUE

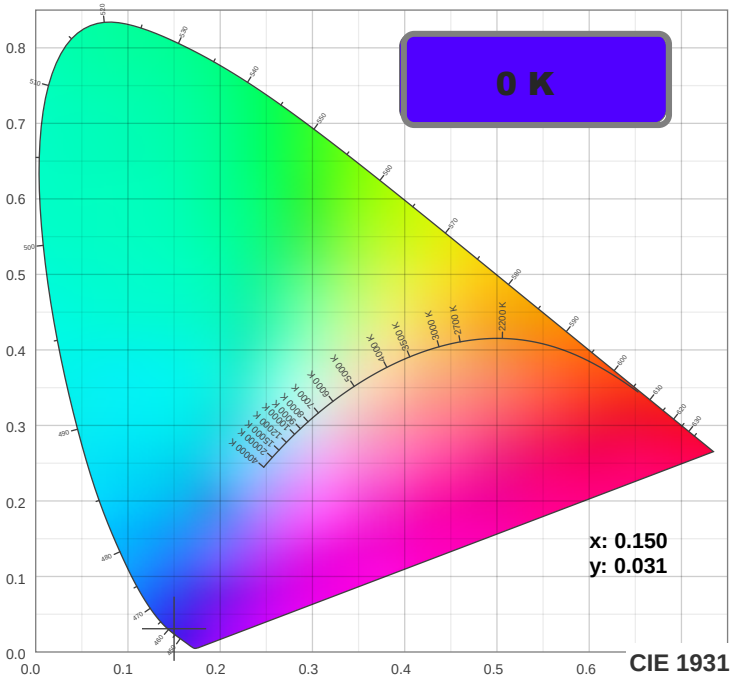
FWHM: 9.9°X39.7°

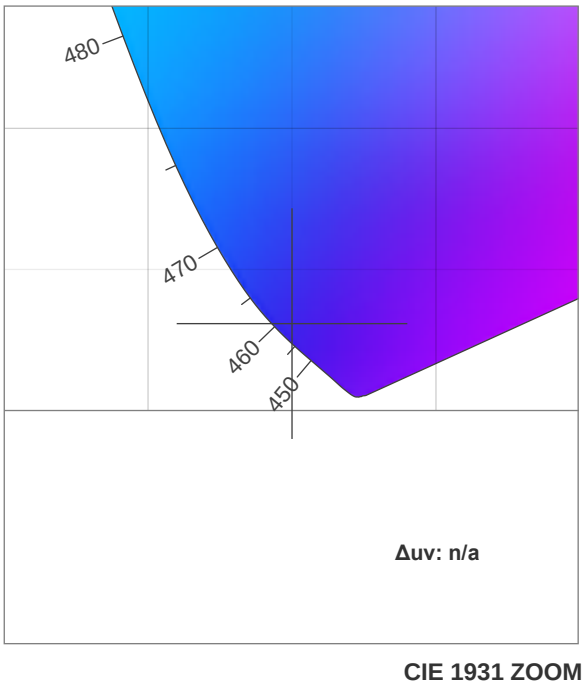
PERFORMED BY: ABDULLAH QURESHI

Spectra



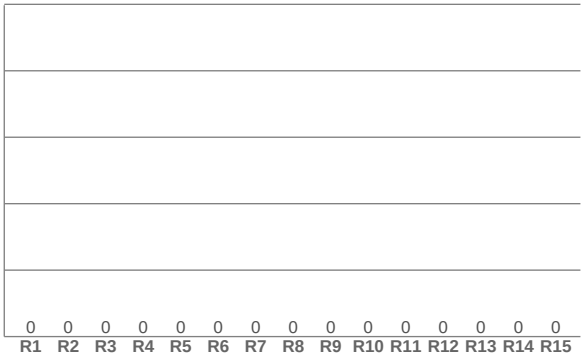
Color details





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

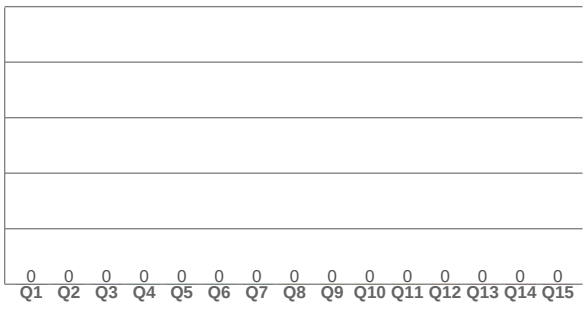
TM30 C values, 16 binned values out of total of 99 C values

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

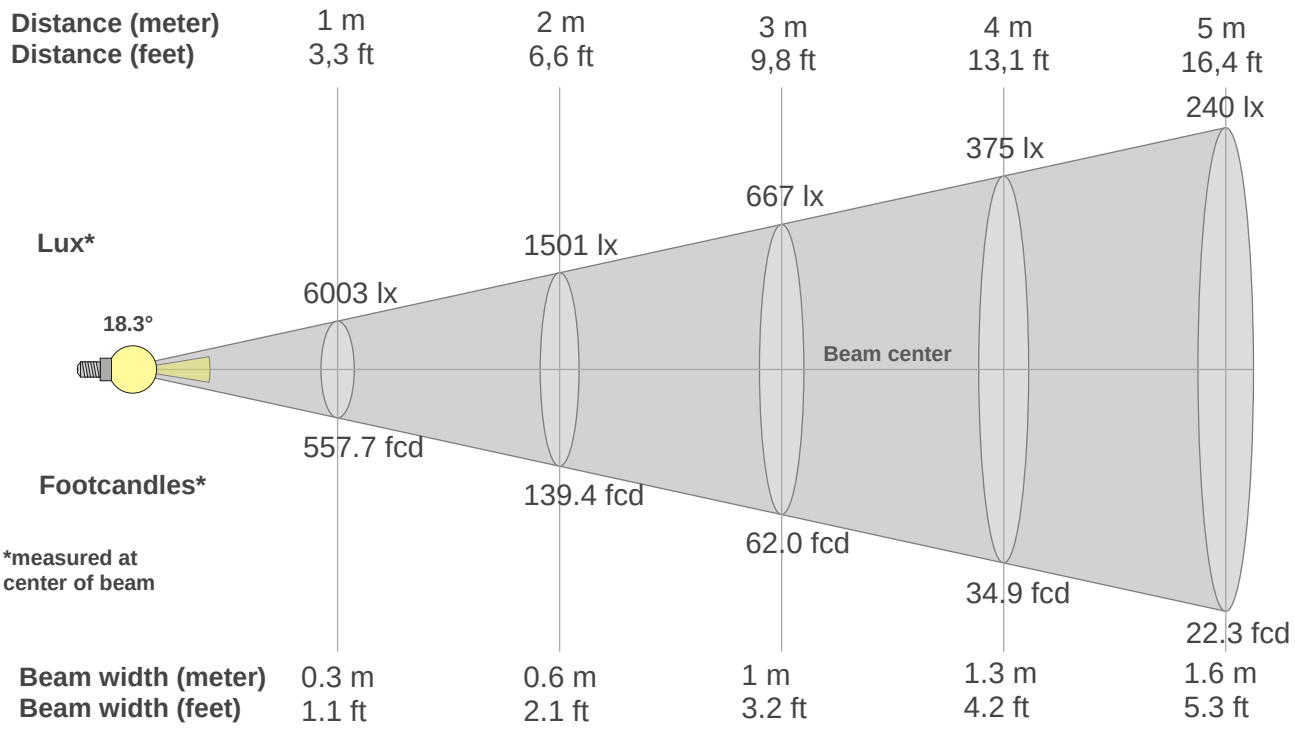
CQS: 0.0



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 diviation 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	0.195	0.060	n/a

Beam details



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
6003lx	1501lx	667lx	375lx	240lx	167lx	123lx	94lx	74lx	60lx	50lx	42lx	36lx	31lx	27lx	23lx	21lx	19lx	17lx	15lx
557.7fcd	139.4fcd	62fcd	34.9fcd	22.3fcd	15.5fcd	11.4fcd	8.7fcd	6.9fcd	5.6fcd	4.6fcd	3.9fcd	3.3fcd	2.8fcd	2.5fcd	2.2fcd	1.9fcd	1.7fcd	1.5fcd	1.4fcd

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°
6003	6012	5999	5978	5949	5903	5850	5787	5703	5599	5471	5318	5136	4928	4688	4429	4145	3854	3555	3253
100%	100%	100%	100%	99%	98%	97%	96%	95%	93%	91%	89%	86%	82%	78%	74%	69%	64%	59%	54%

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°
6003	5835	5375	4679	3844	2963	2154	1510	1046	739	552	449	390	356	332	310	293	272	248	225
100%	97%	90%	78%	64%	49%	36%	25%	17%	12%	9%	7%	6%	6%	6%	5%	5%	5%	4%	4%

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°
6003	6012	5999	5978	5949	5903	5850	5787	5703	5599	5471	5318	5136	4928	4688	4429	4145	3854	3555	3253
100%	100%	100%	100%	99%	98%	97%	96%	95%	93%	91%	89%	86%	82%	78%	74%	69%	64%	59%	54%

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°
6003	5835	5375	4679	3844	2963	2154	1510	1046	739	552	449	390	356	332	310	293	272	248	225
100%	97%	90%	78%	64%	49%	36%	25%	17%	12%	9%	7%	6%	6%	6%	5%	5%	5%	4%	4%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18.3°	**32.6°**	**57.3°**	**85.4%**	**81.5%**