

Light efficiency:

39 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

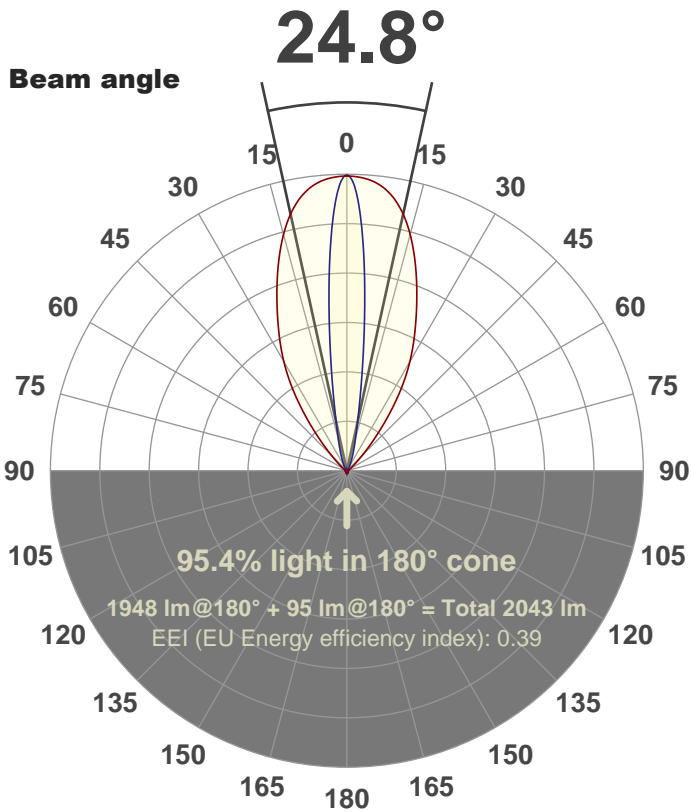
0 K

Output: 1948 lm

Peak: 6199 cd

Power: 50.0 W

PF: 1.0



Color



CIE 1931
x: 0.157
y: 0.706

Product name:

FL50-CM-RGBW65K-IM-10X60-ELV-SM-GREEN

Date and time:

01-Jun-18 11:36:19 AM

Additional Information:

LED: RGBW

FIXTURE: FL50

FILM: 250260 (10°X60°)

COLORAMP: ON

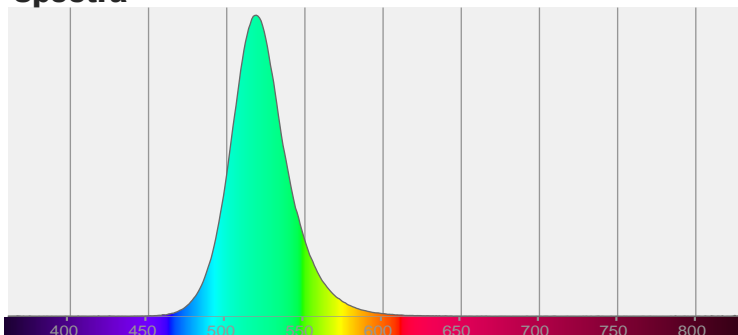
STABILIZED: YES

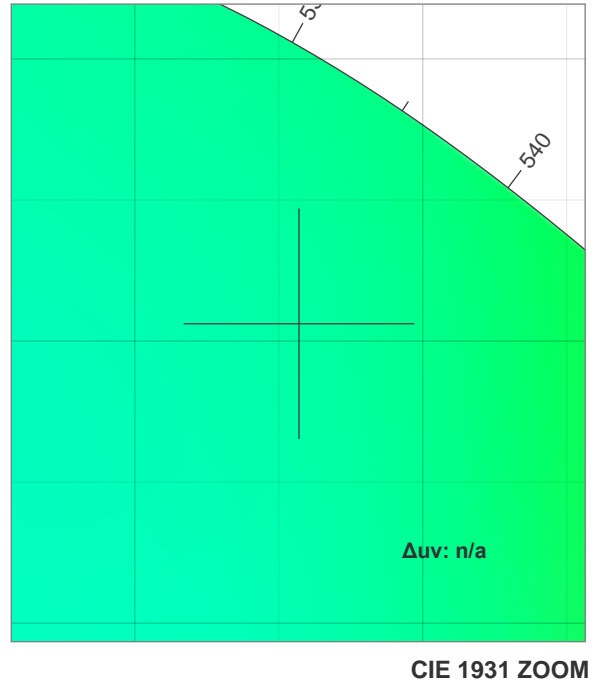
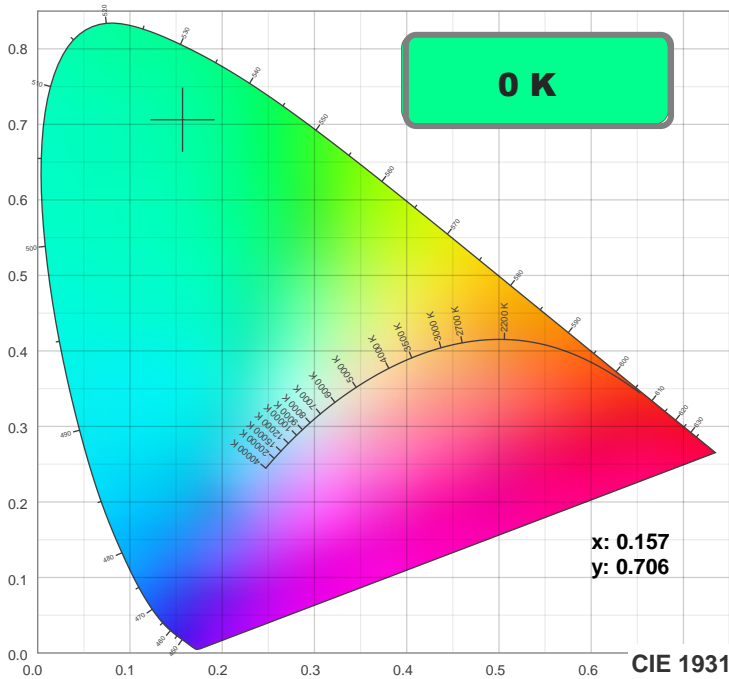
COLOR (RGBW): GREEN

FWHM: 13.7°X54.2°

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

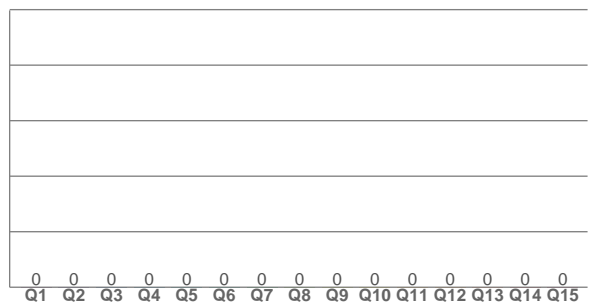
TM30 C values, 16 binned values out of total of 99 C values

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

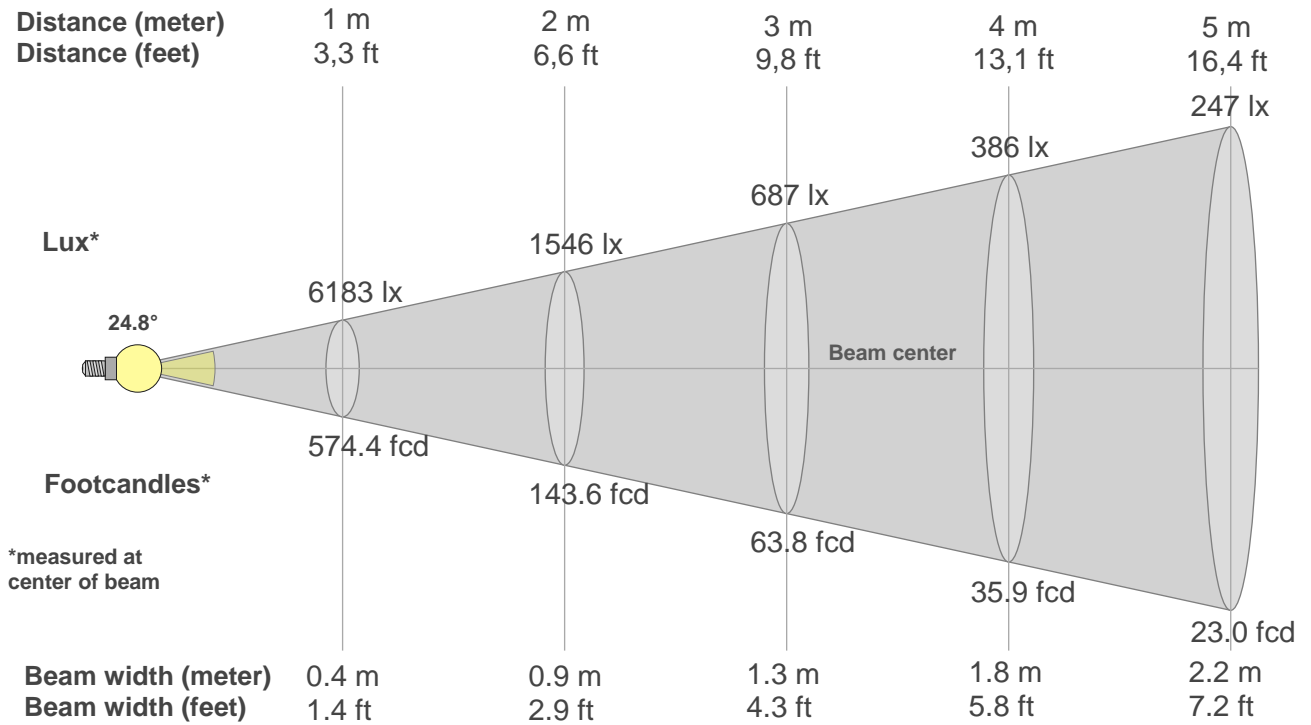
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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	0.157	0.706	0.056	0.380	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
6183lx	1546lx	687lx	386lx	247lx	172lx	126lx	97lx	76lx	62lx	51lx	43lx	37lx	32lx	27lx	24lx	21lx	19lx	17lx	15lx
574.4fcd	143.6fcd	63.8fcd	35.9fcd	23fcd	16fcd	11.7fcd	9fcd	7.1fcd	5.7fcd	4.7fcd	4fcd	3.4fcd	2.9fcd	2.6fcd	2.2fcd	2fcd	1.8fcd	1.6fcd	1.4fcd

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°
6183	6186	6149	6078	5962	5794	5573	5299	4982	4638	4283	3929	3590	3269	2961	2651	2326	1982	1628	1292
100%	100%	99%	98%	96%	94%	90%	86%	81%	75%	69%	64%	58%	53%	48%	43%	38%	32%	26%	21%

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°
6183	5823	4837	3603	2478	1650	1125	813	612	471	365	284	223	177	144	118	99	84	73	65
100%	94%	78%	58%	40%	27%	18%	13%	10%	8%	6%	5%	4%	3%	2%	2%	2%	1%	1%	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°
6183	6186	6149	6078	5962	5794	5573	5299	4982	4638	4283	3929	3590	3269	2961	2651	2326	1982	1628	1292
100%	100%	99%	98%	96%	94%	90%	86%	81%	75%	69%	64%	58%	53%	48%	43%	38%	32%	26%	21%

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°
6183	5823	4837	3603	2478	1650	1125	813	612	471	365	284	223	177	144	118	99	84	73	65
100%	94%	78%	58%	40%	27%	18%	13%	10%	8%	6%	5%	4%	3%	2%	2%	2%	1%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
24.8°	48.8°	75.2°	90.4%	85.4%