

Light efficiency:



Light quality:



Color temperature:



Output: 1479 lm

Peak: 1313 cd

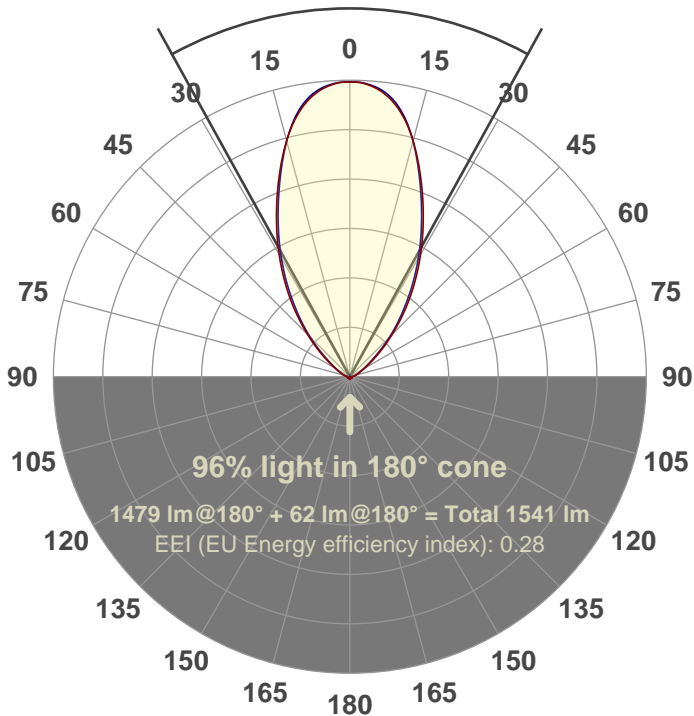
Power: 24.9 W

PF: 1.0



57.8°

Beam angle



Product name:

FL25-CM-RGBW65K-IM-60-ELV-SM120-WHITE

Date and time:

04-Jul-18 10:55:53 AM

Additional Information:

LED: RGBW (6500K)

FIXTURE: FL25

FILM: 250258 (60°)

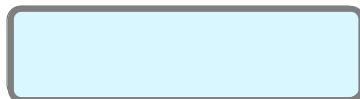
COLOR-AMP: ON

STABILIZED: YES

COLOR (RGBW): WHITE

PERFORMED BY: ABDULLAH QURESHI

Color

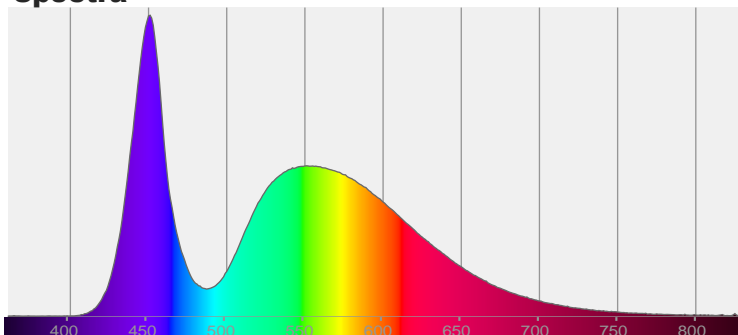


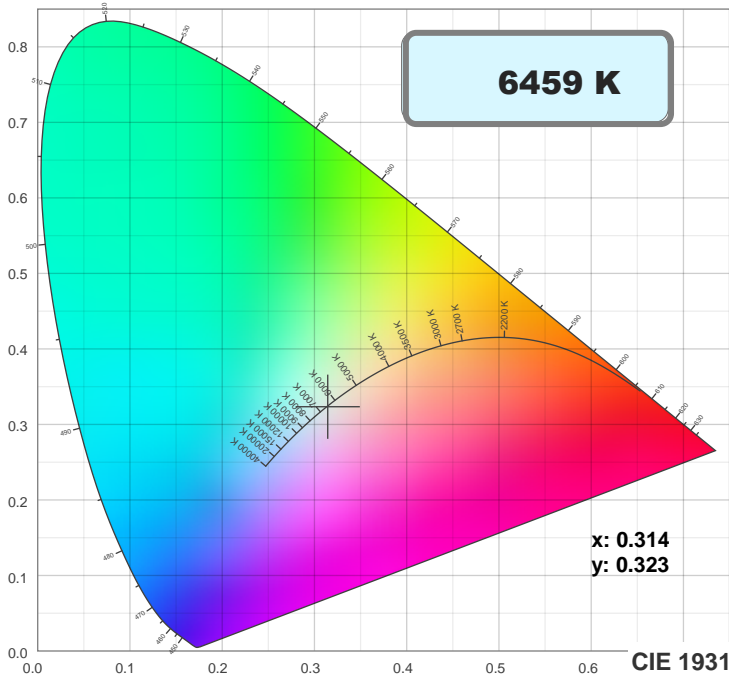
CIE 1931

x: 0.314

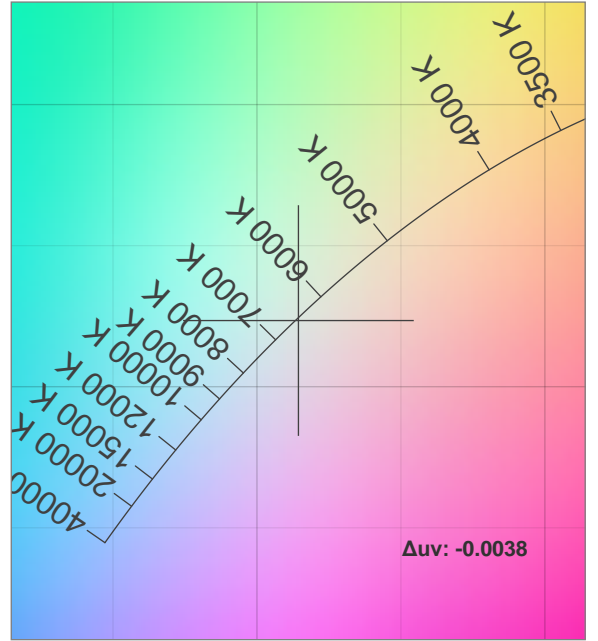
y: 0.323

Spectra



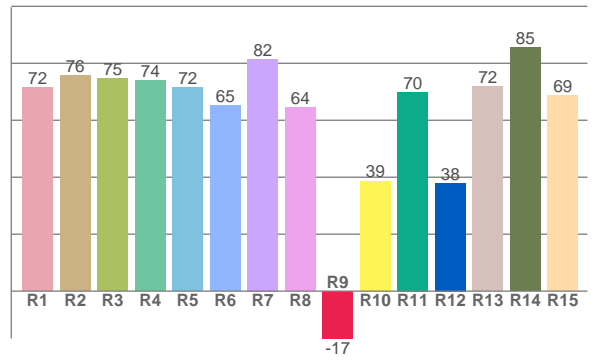
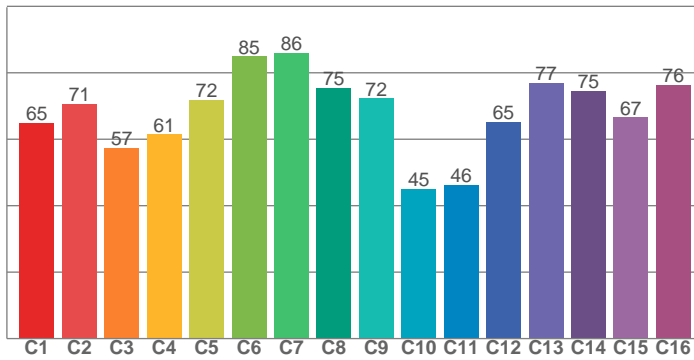


TM30: 68.0

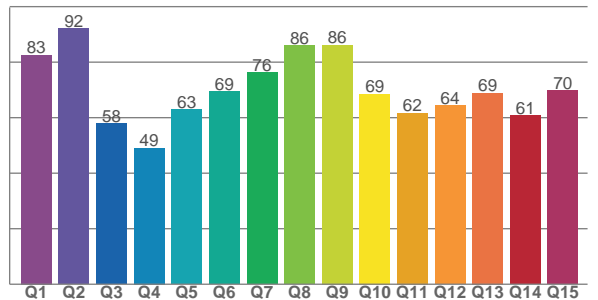


Δuv: -0.0038

CRI: 72.3 (R1-R8)



CQS: 68.2



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
71.6	75.8	74.7	74.0	71.5	65.1	81.5	64.5	-16.7	38.7	69.9	37.9	71.8	85.4	68.6

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

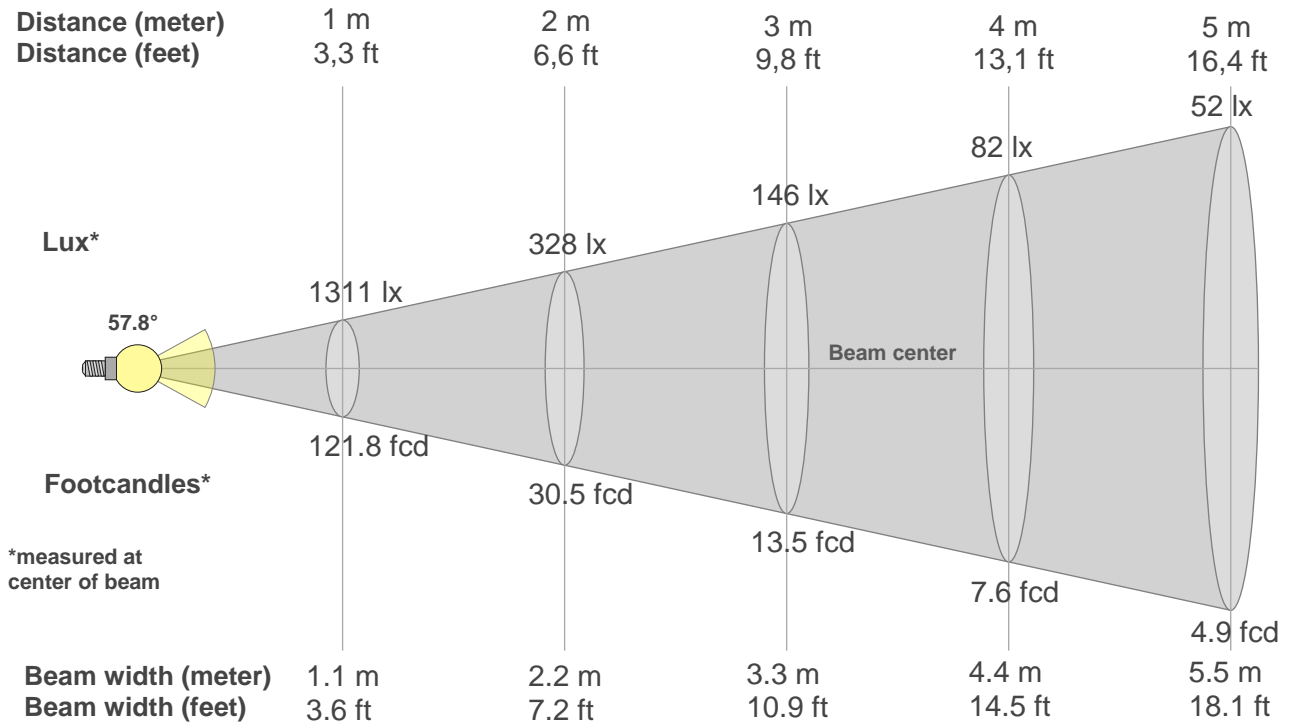
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
64.9	70.6	57.5	61.4	71.9	84.9	86.0	75.4	72.4	45.0	46.2	65.2	77.0	74.6	66.6	76.3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
82.5	92.1	57.9	49.0	62.9	69.4	76.3	85.9	86.1	68.6	61.6	64.4	68.8	60.7	69.8

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
6459 K	72.3	-16.7	68.0	93.9	68.2	0.314	0.323	0.201	0.310	-0.0038



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
1311lx	328lx	146lx	82lx	52lx	36lx	27lx	20lx	16lx	13lx	11lx	9lx	8lx	7lx	6lx	5lx	5lx	4lx	4lx	3lx
121.8fcd	30.5fcd	13.5fcd	7.6fcd	4.9fcd	3.4fcd	2.5fcd	1.9fcd	1.5fcd	1.2fcd	1fcd	0.8fcd	0.7fcd	0.6fcd	0.5fcd	0.5fcd	0.4fcd	0.4fcd	0.3fcd	0.3fcd

Intensities in 0° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
1311	1290	1217	1087	928	773	630	497	374	266	180	116	76	52	38	28	19	13	10	0
100%	98%	93%	83%	71%	59%	48%	38%	29%	20%	14%	9%	6%	4%	3%	2%	1%	1%	1%	0%

Intensities in 90° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
1311	1295	1226	1086	915	755	610	474	353	250	162	103	69	50	36	27	19	13	10	0
100%	99%	93%	83%	70%	58%	47%	36%	27%	19%	12%	8%	5%	4%	3%	2%	1%	1%	1%	0%

Intensities in 180° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
1311	1290	1217	1087	928	773	630	497	374	266	180	116	76	52	38	28	19	13	10	0
100%	98%	93%	83%	71%	59%	48%	38%	29%	20%	14%	9%	6%	4%	3%	2%	1%	1%	1%	0%

Intensities in 270° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
1311	1295	1226	1086	915	755	610	474	353	250	162	103	69	50	36	27	19	13	10	0
100%	99%	93%	83%	70%	58%	47%	36%	27%	19%	12%	8%	5%	4%	3%	2%	1%	1%	1%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
57.8°	106°	144.2°	89.8%	77.6%