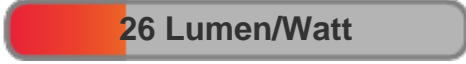




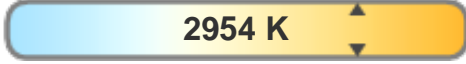
Light efficiency:



Light quality:



Color temperature:

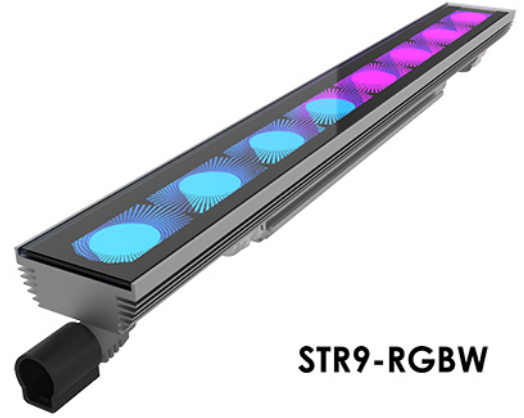


Output: 435 lm

Peak: 390 cd

Power: 16.5 W

48.2V @ 0.342A

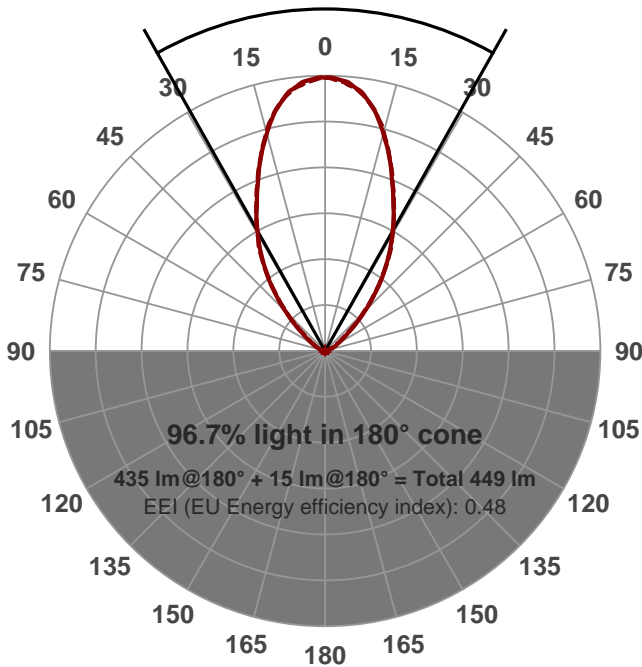


STR9-RGBW

Beam angle

58.8°

(6 PLANES)
12 C-Planes



Product name:

STR9-300-CM-20W-RGBW-60-ELV-WHITE

Date and time:

2016-09-21 1:55:00 PM

Additional information:

FILM: 250161

LED: RGBW (3000K)

FIXTURE: 1FT MODULE

NORMALIZED: YES

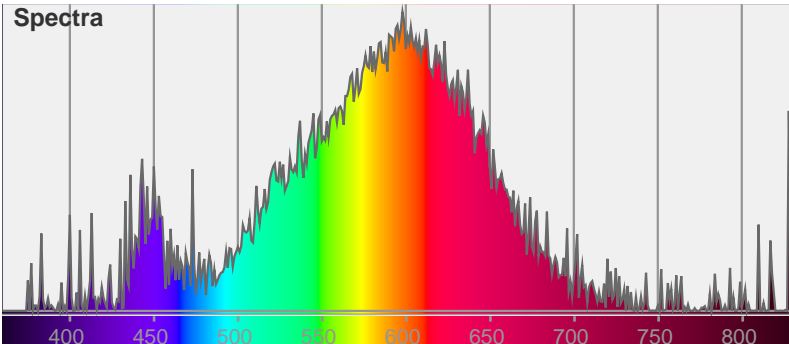
PERFORMED BY: NH

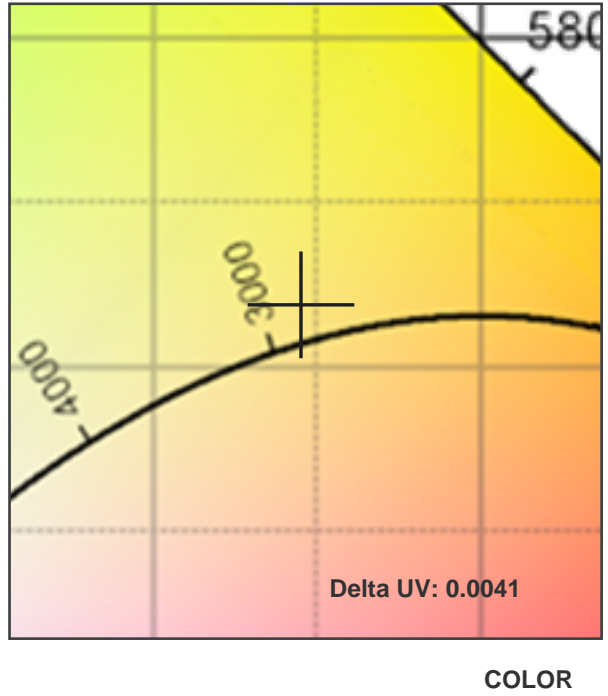
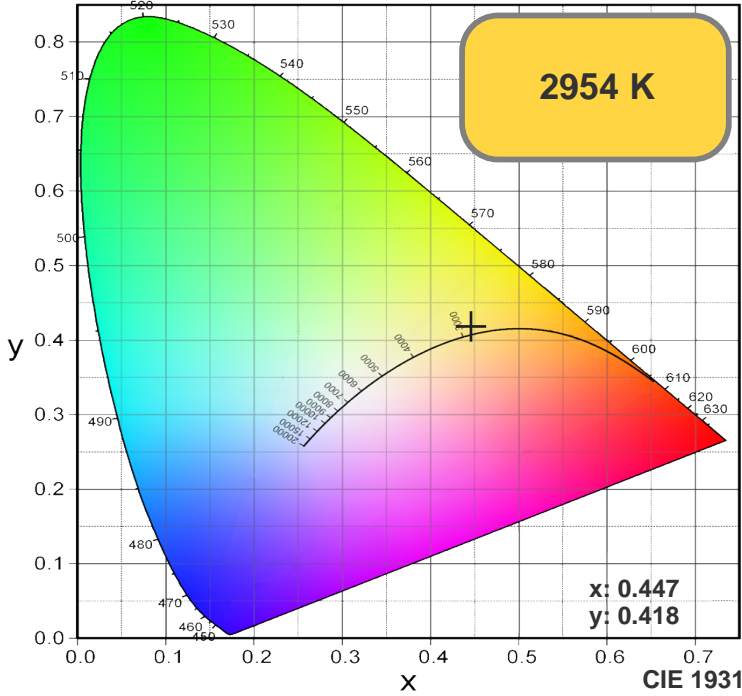
Color



CIE1931
x: 0.447
y: 0.418

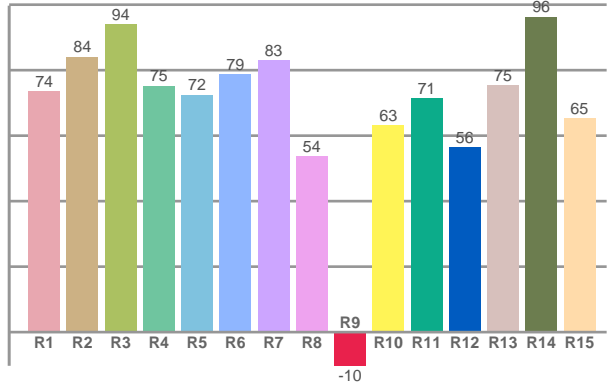
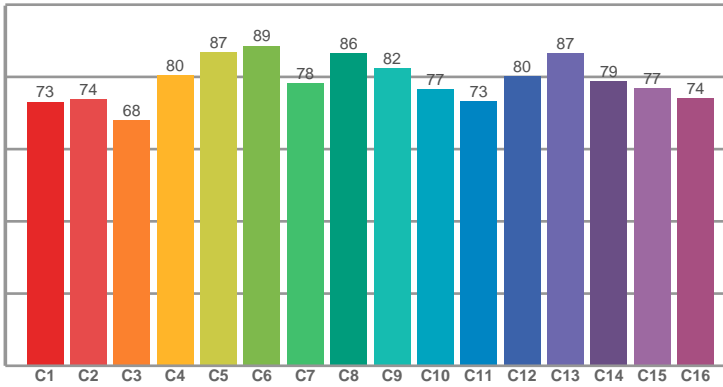
Spectra





TM30: 78.5

CRI: 76.8 (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
73.61	84.04	94.05	75.15	72.45	78.61	82.88	53.72	-10.28	63.11	71.41	56.28	75.36	96.27	65.28

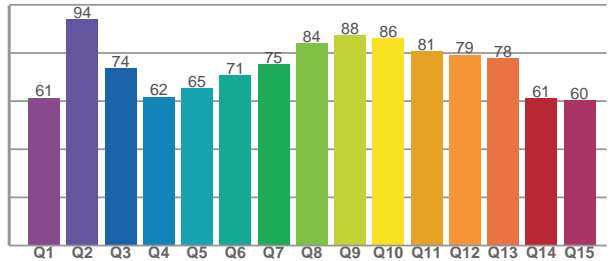
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
73.05	73.72	67.85	80.41	86.83	88.56	78.29	86.43	82.33	76.60	73.17	80.05	86.50	78.79	76.81	74.13

CQS Q values

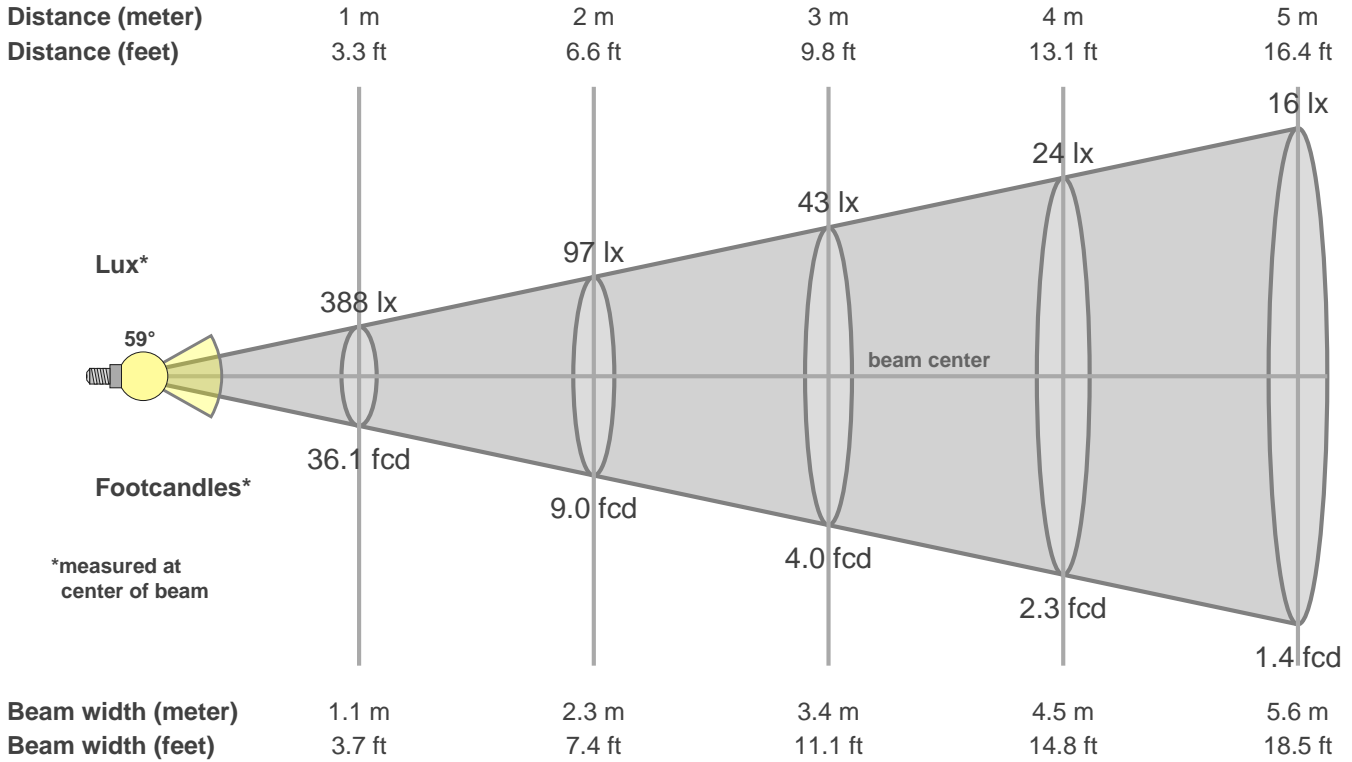
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
61.43	94.11	73.72	61.86	65.22	70.65	75.24	83.94	87.51	86.26	80.81	79.33	77.85	61.16	60.28

CQS: 72.4



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
2954 K	76.8	-10.3	78.5	94.6	72.4	0.4	0.4	0.3	0.4	0.0041



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°
388	383	359	320	275	229	191	153	115	79	51	32	21	15	9	6	4	3	2	0
100%	99%	92%	82%	71%	59%	49%	39%	30%	20%	13%	8%	5%	4%	2%	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°
388	379	359	322	276	231	192	154	114	77	48	28	18	13	9	5	4	2	2	0
100%	98%	93%	83%	71%	60%	49%	40%	29%	20%	12%	7%	5%	3%	2%	1%	1%	1%	0%	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°
388	383	359	320	275	229	191	153	115	79	51	32	21	15	9	6	4	3	2	0
100%	99%	92%	82%	71%	59%	49%	39%	30%	20%	13%	8%	5%	4%	2%	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°
388	379	359	322	276	231	192	154	114	77	48	28	18	13	9	5	4	2	2	0
100%	98%	93%	83%	71%	60%	49%	40%	29%	20%	12%	7%	5%	3%	2%	1%	1%	1%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
58.8°	104.5°	136.3°	91.8%	80.0%