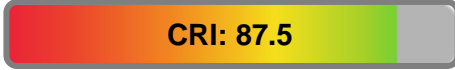


Light efficiency:



Light quality:



Color temperature:



Output: 13911 lm
Peak: 150790 cd
Power: 1237.1 W
PF: 0.99



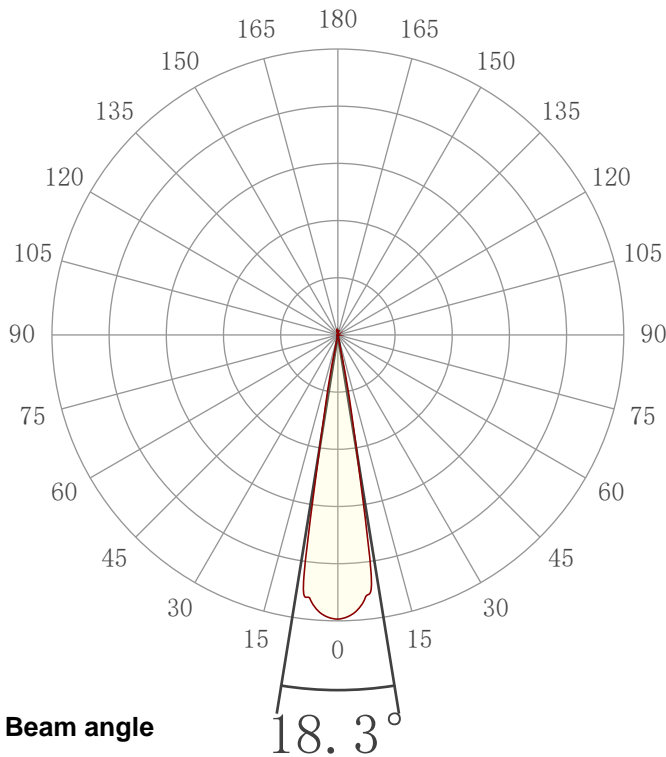
Tracking number: [n/a](#)

Product name:
HURACAN PROFILE S

Item number:

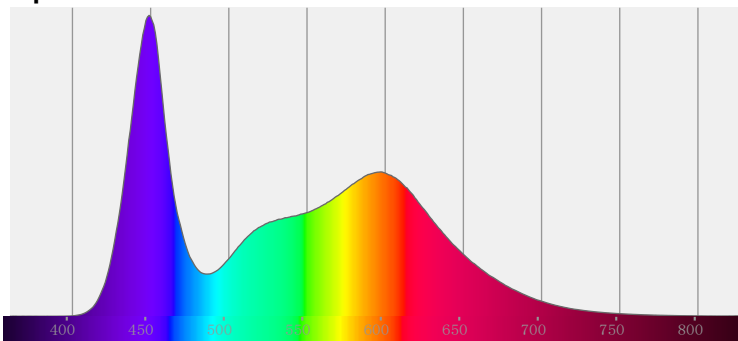
Date and time:
2022/7/28 9:54:33

Description:
ZOOM=128 FOCUS=181 Auto Mode

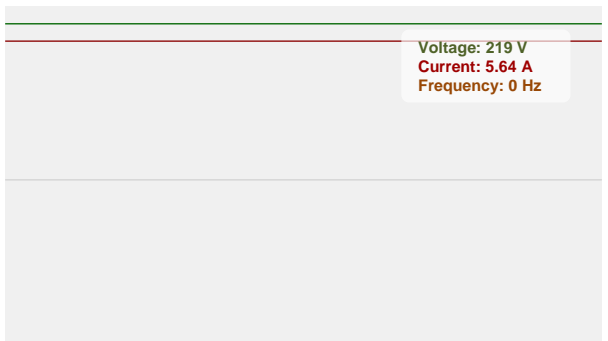


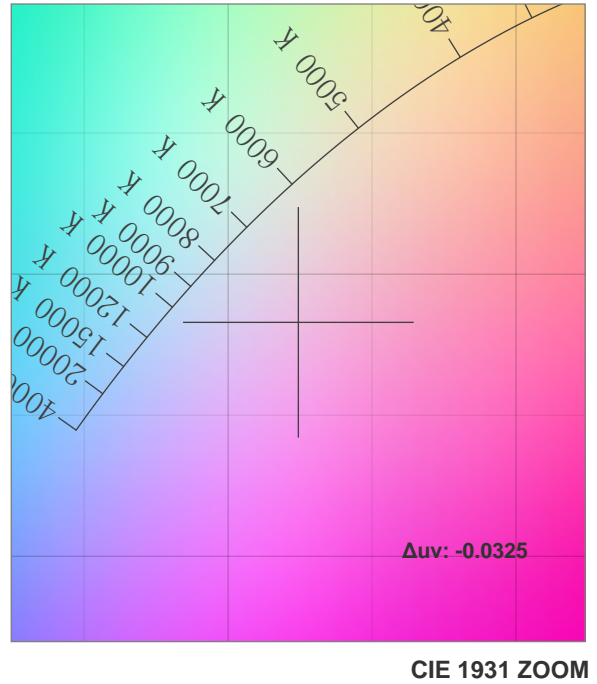
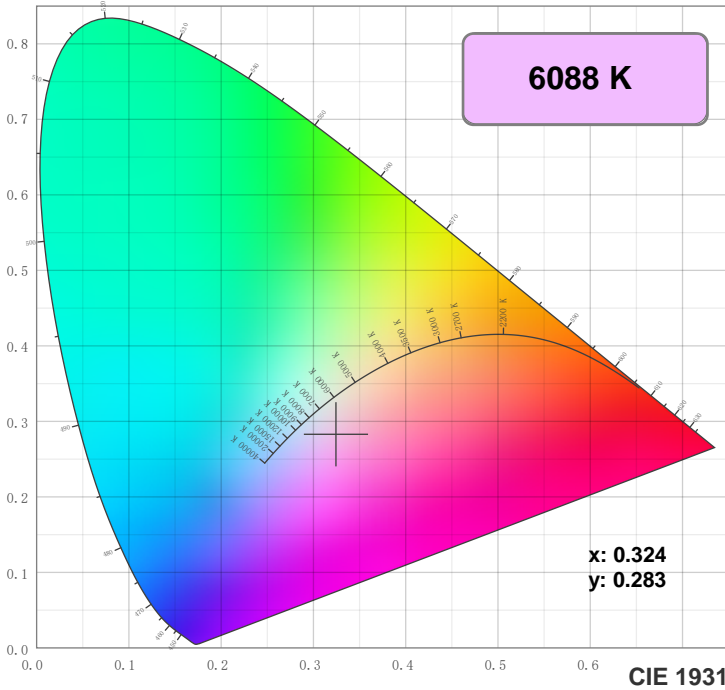
CIE 1931
x: 0.324
y: 0.283

Spectra



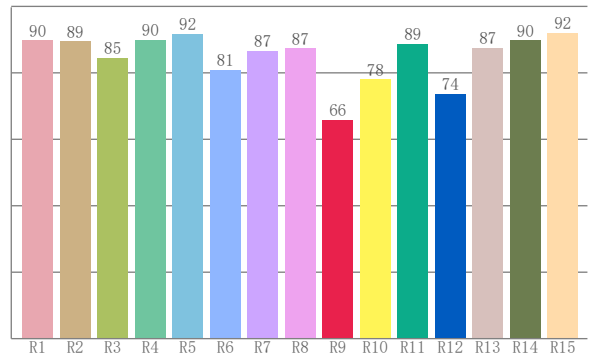
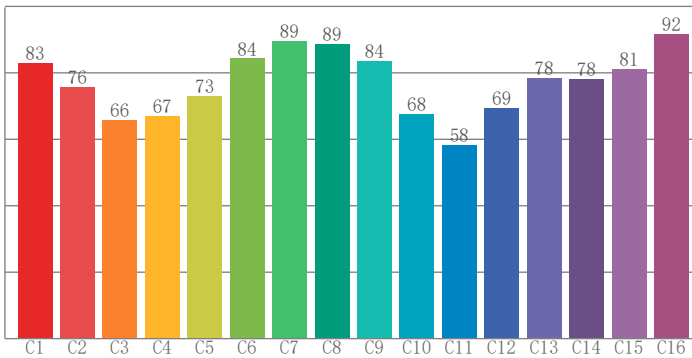
Power





TM-30: 76.4

CRI: 87.5 (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
89.8	89.4	84.5	89.8	91.7	80.8	86.6	87.3	65.8	78.0	88.7	73.7	87.5	89.7	92.0

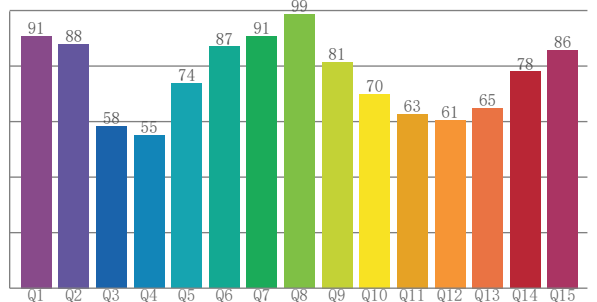
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
83.0	75.6	65.8	67.1	72.9	84.3	89.5	88.6	83.6	67.7	58.3	69.4	78.5	78.2	81.1	91.5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
90.8	88.0	58.3	55.0	73.7	86.9	90.7	98.5	81.4	69.9	62.7	60.6	64.9	78.0	85.8

CQS: 72.8



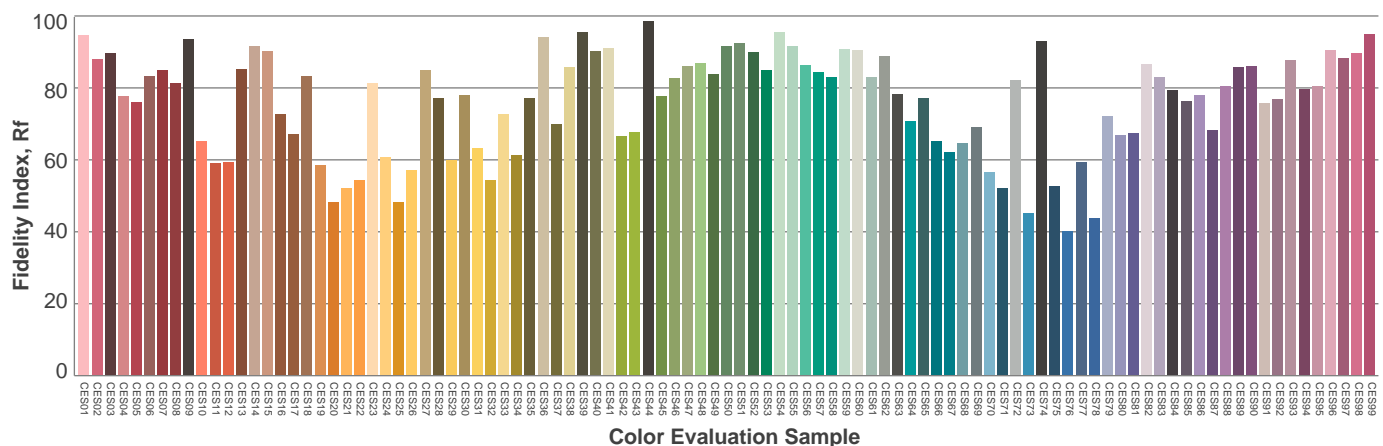
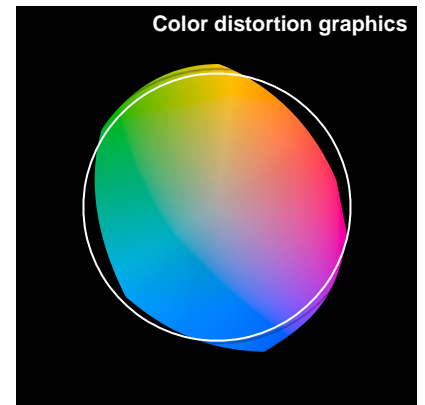
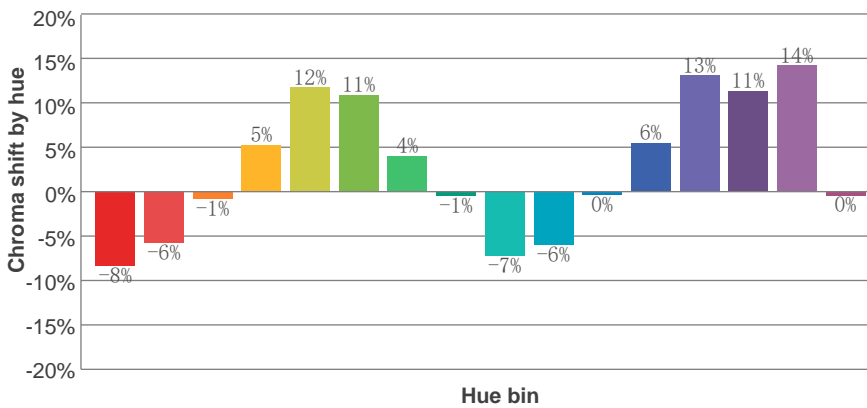
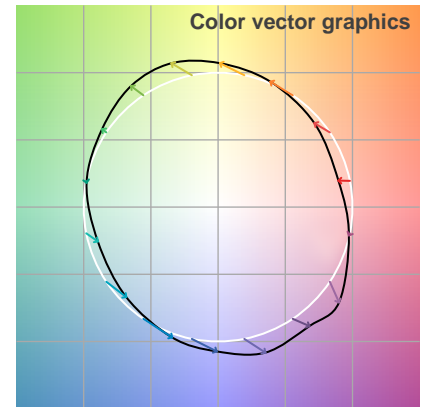
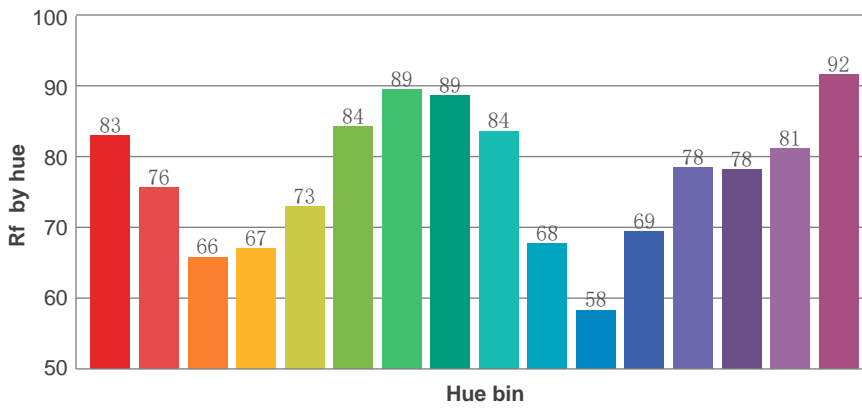
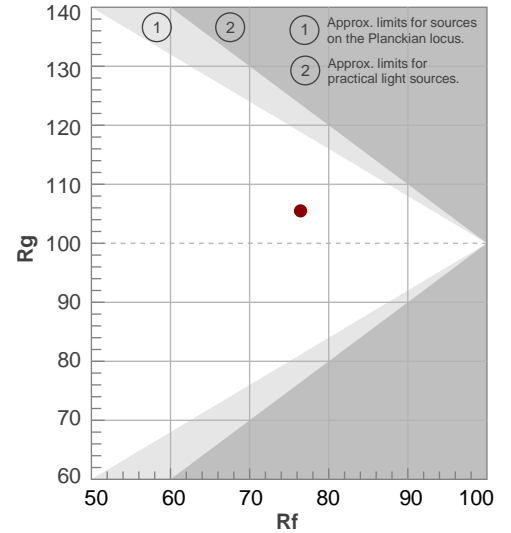
Color parameters

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
6088 K	87.5	65.8	76.4	105.5	72.8	0.324	0.283	0.226	0.295	-0.0325

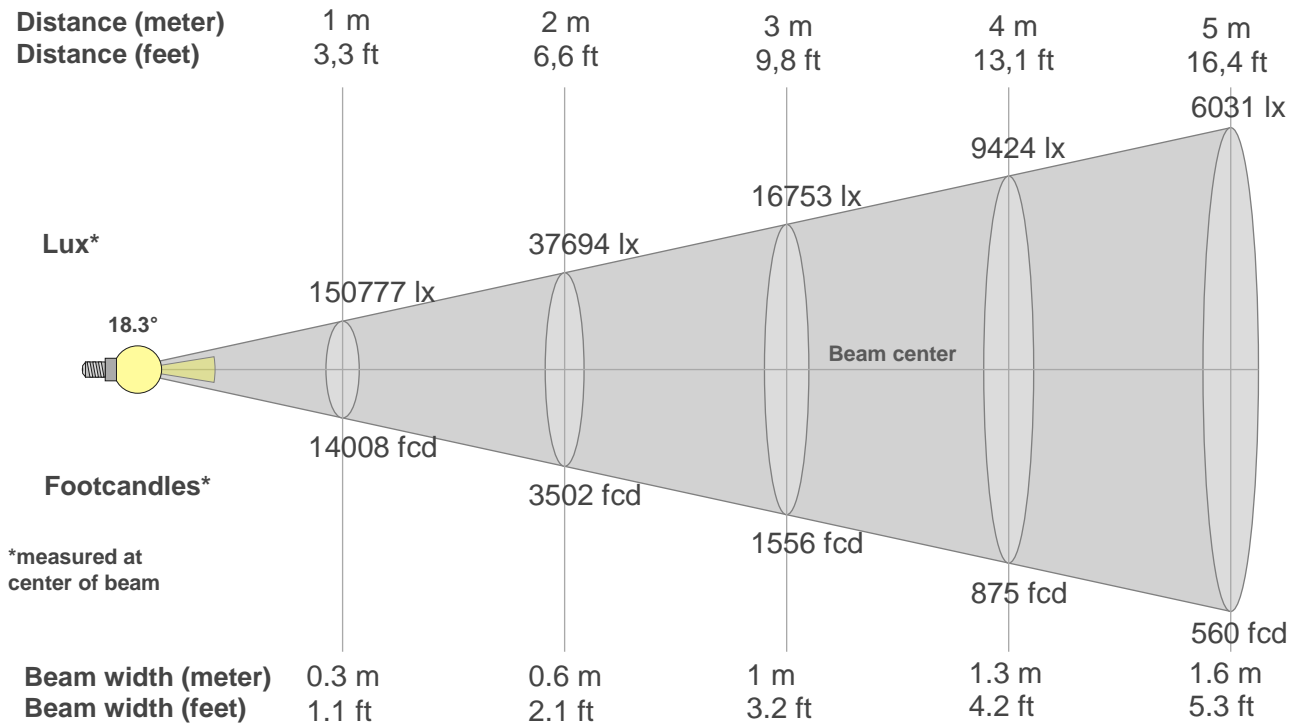
Rf 76.4
Fidelity index Rf

Rg 105.5
Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	83	-8%	2%
2	76	-6%	12%
3	66	-1%	20%
4	67	5%	20%
5	73	12%	13%
6	84	11%	4%
7	89	4%	0%
8	89	-1%	1%
9	84	-7%	8%
10	68	-6%	18%
11	58	0%	25%
12	69	6%	20%
13	78	13%	13%
14	78	11%	7%
15	81	14%	-9%
16	92	0%	-2%



Color Evaluation Sample



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
150777lx	37694lx	16753lx	9424lx	6031lx	4188lx	3077lx	2356lx	1861lx	1508lx	1246lx	1047lx	892lx	769lx	670lx	589lx	522lx	465lx	418lx	377lx
14007.6 fcd	3501.9 fcd	1556.4 fcd	875.5 fcd	560.3 fcd	389.1 fcd	285.9 fcd	218.9 fcd	172.9 fcd	140.1 fcd	115.8 fcd	97.3 fcd	82.9 fcd	71.5 fcd	62.3 fcd	54.7 fcd	48.5 fcd	43.2 fcd	38.8 fcd	35 fcd

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°
151K	150K	150K	148K	146K	143K	140K	133K	125K	83K	41K	20K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	99%	98%	97%	95%	93%	88%	83%	55%	27%	13%	0%	0%	0%	0%	0%	0%	0%	0%

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°
151K	150K	150K	148K	146K	143K	140K	133K	125K	83K	41K	20K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	99%	98%	97%	95%	93%	88%	83%	55%	27%	13%	0%	0%	0%	0%	0%	0%	0%	0%

Intensities in 180° c-plane


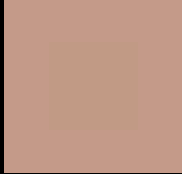



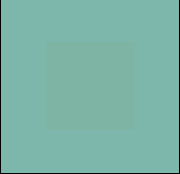
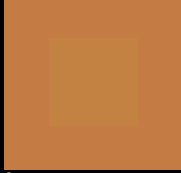
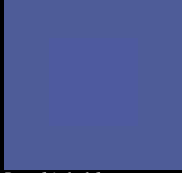
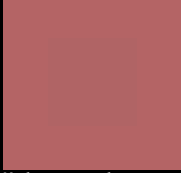


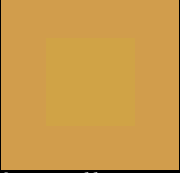









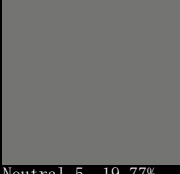
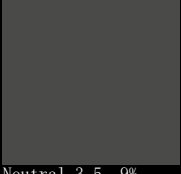

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
151K	150K	150K	148K	147K	144K	141K	135K	129K	83K	37K	19K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	99%	98%	97%	95%	93%	89%	85%	55%	25%	12%	0%	0%	0%	0%	0%	0%	0%	0%

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°
151K	150K	150K	148K	147K	144K	141K	135K	129K	83K	37K	19K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	99%	98%	97%	95%	93%	89%	85%	55%	25%	12%	0%	0%	0%	0%	0%	0%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18.3°	22.4°	23.6°	97.0%	96.7%

TLCI 65

					
Dark skin	Light skin	Blue sky	Foliage	Blue flower	Bluis green
					
Orange	Purplish blue	Moderate red	Purple	Yellow green	Orange yellow
					
Blue	Green	Red	Yellow	Magenta	Cyan
					
White 90.01%	Neutral 8, 59.1%	Neutral 6.5, 36.2%	Neutral 5, 19.77%	Neutral 3.5, 9%	Black 3.13%