



RIVALE WASH TC

PHOTOMETRY



AYRTON
Digital Lighting



Total Flux	13,700 lm (@zoom 128, fan mode STAGE, Sphere)
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CCT @ light source engine	6500 K (±400 K)
CCT @ open	6000 K (±400 K)
Ra @ open	95 (±2)
TLCI	98
TM-30	Rf: 92 Rg: 100

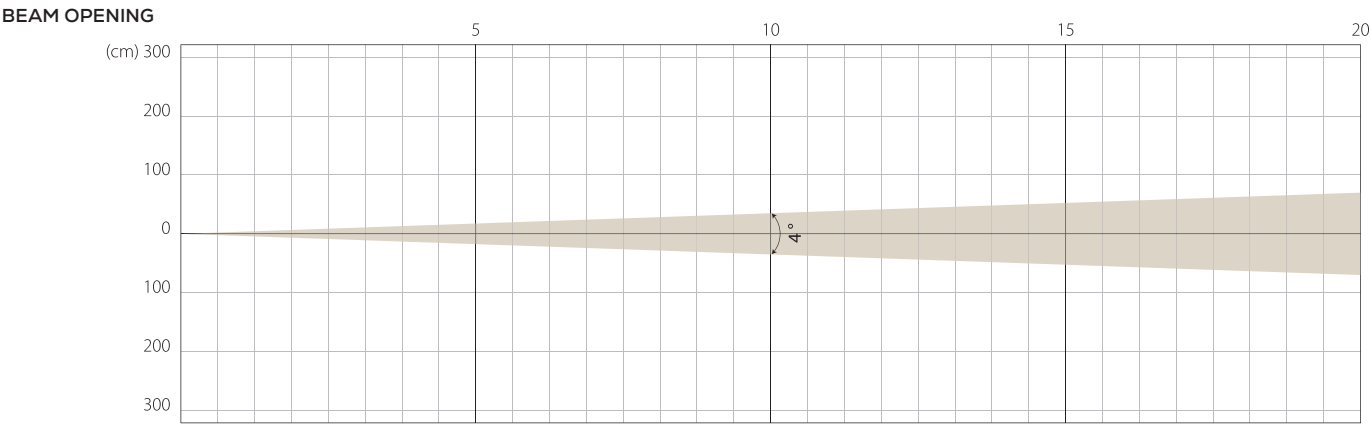
Fan Mode	Noise Level (dBA)	by Goniometer (lm)	by Sphere (lm)
Auto	41.5	10,708	13,500
Stage	43.1	10,818	13,700
Silence	33.5	6,705	8,500
Super Silence	32.4	5,520	7,000

Note: noise measured @ 1m distance, static status, ambient 31 dBA.

Voltage / Power	100-240 V, 50-60 Hz	700 W
Fixture Dimension / Weight	360 x 676 x 316 mm	29.7 kg
Packing Dimension / Weight	575 x 665 x 500 mm	43 kg

AUTO MODE | NATIVE CRI GREATER THAN 95

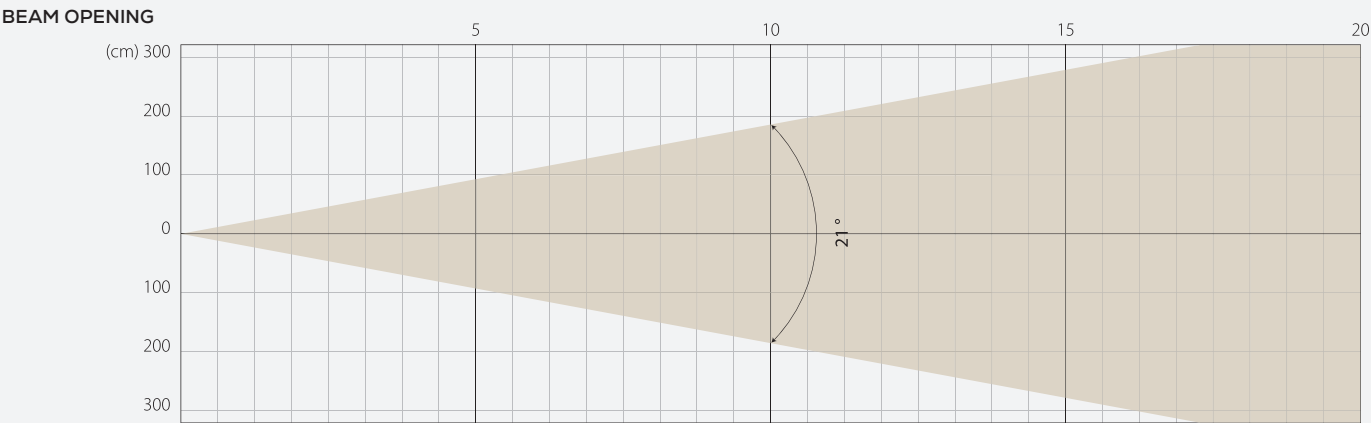
MIN ZOOM



INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	26080	0.35	6520	0.7	2898	1.05	1630	1.4

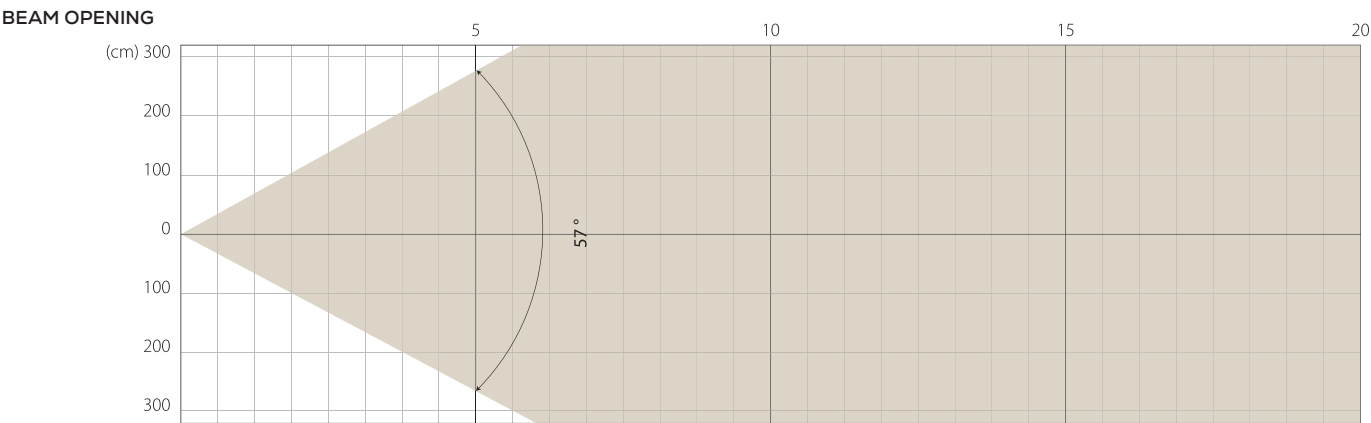
MIDDLE ZOOM



INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	4229	1.85	1057	3.71	470	5.56	264	7.41

MAX ZOOM

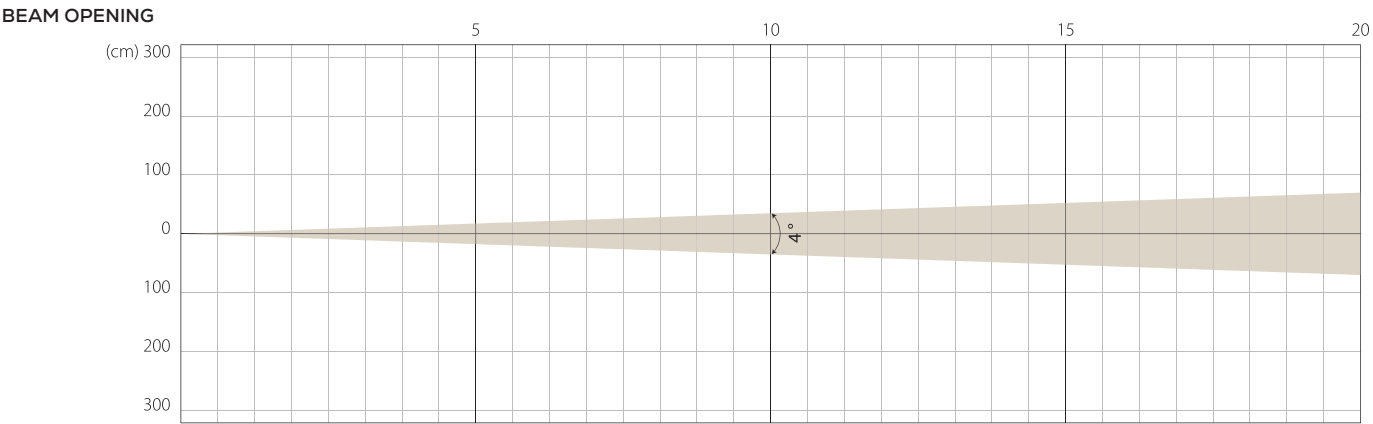


INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	677	5.43	169	10.86	75	16.29	42	21.72

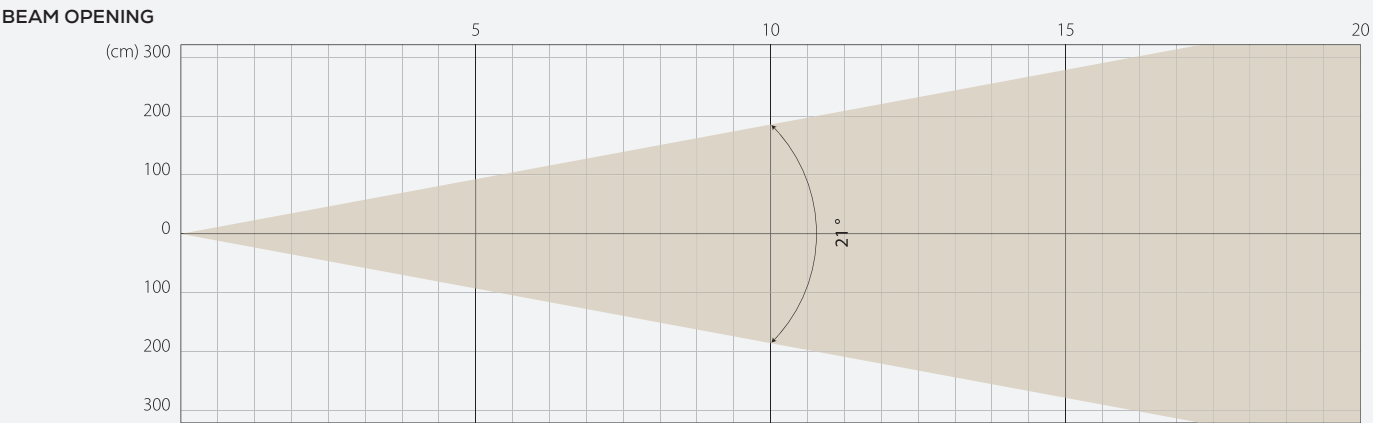
STAGE MODE | NATIVE CRI GREATER THAN 95

MIN ZOOM



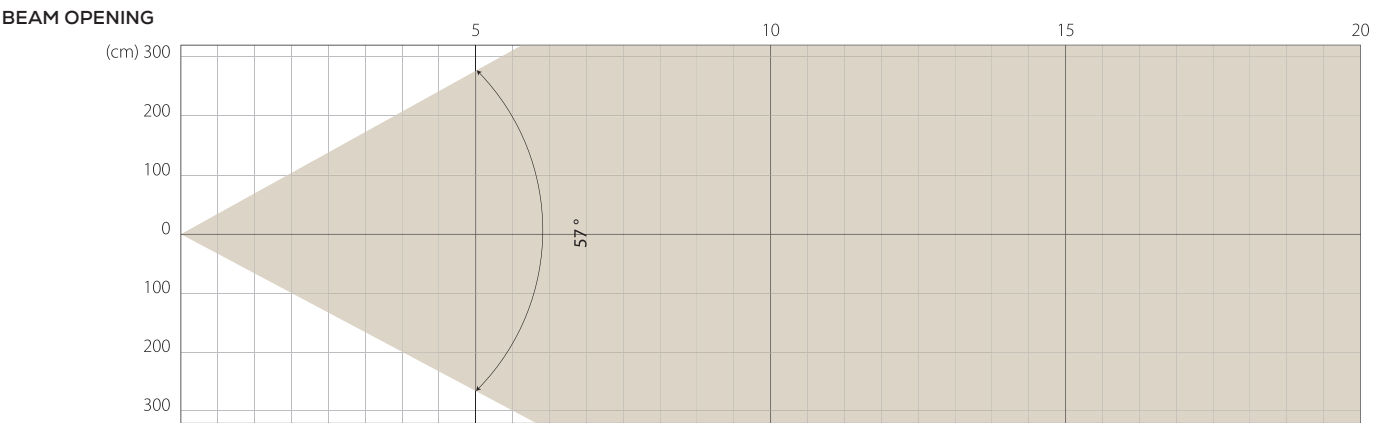
Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	26589	0.35	6647	0.7	2954	1.05	1662	1.4

MIDDLE ZOOM



Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	4292	1.85	1073	3.71	477	5.56	268	7.41

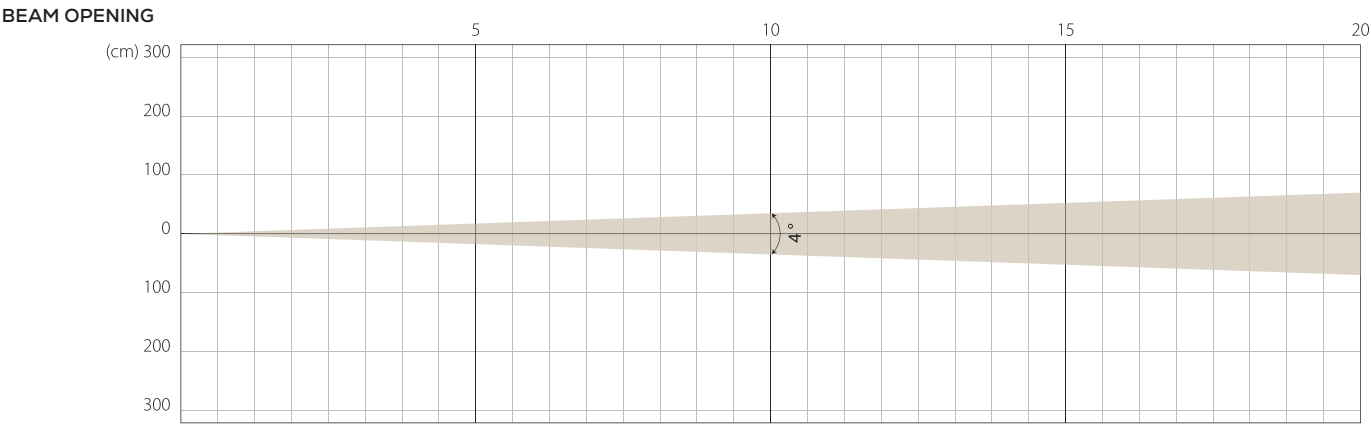
MAX ZOOM



Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	681	5.43	170	10.86	76	16.29	43	21.72

SILENCE MODE | NATIVE CRI GREATER THAN 95

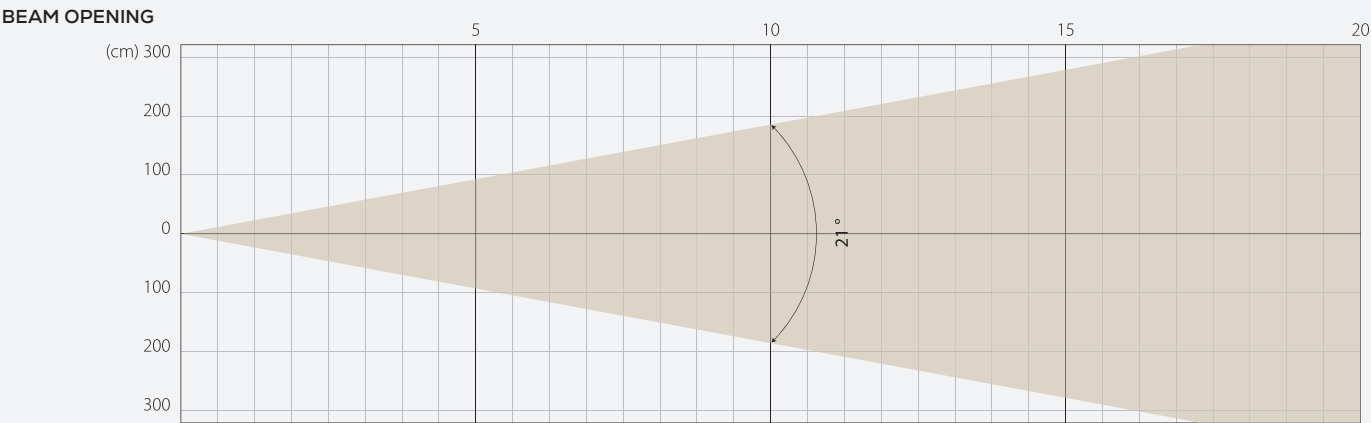
MIN ZOOM



INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	16685	0.35	4171	0.7	1854	1.05	1043	1.4

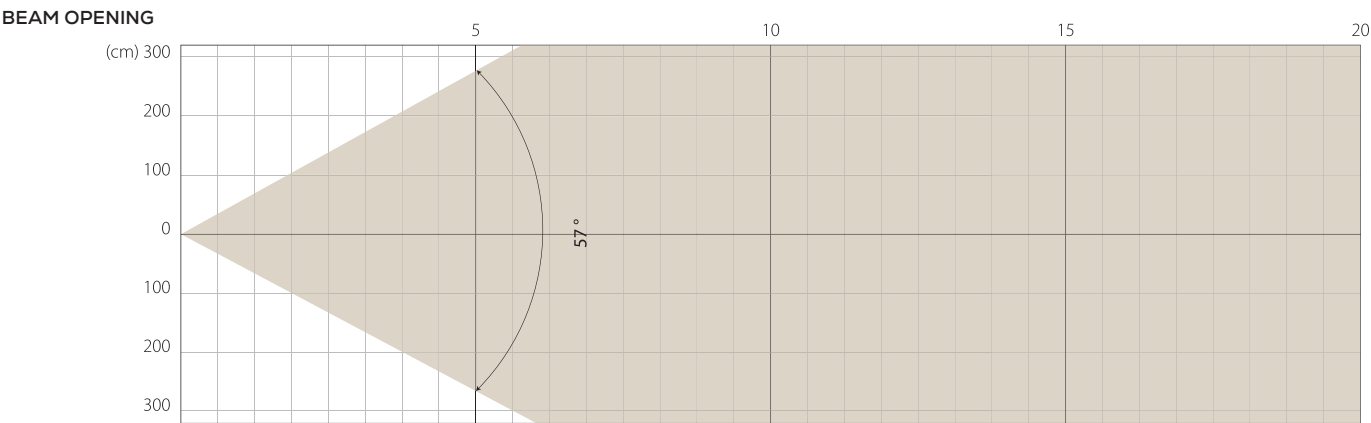
MIDDLE ZOOM



INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	2649	1.85	662	3.71	294	5.56	166	7.41

MAX ZOOM

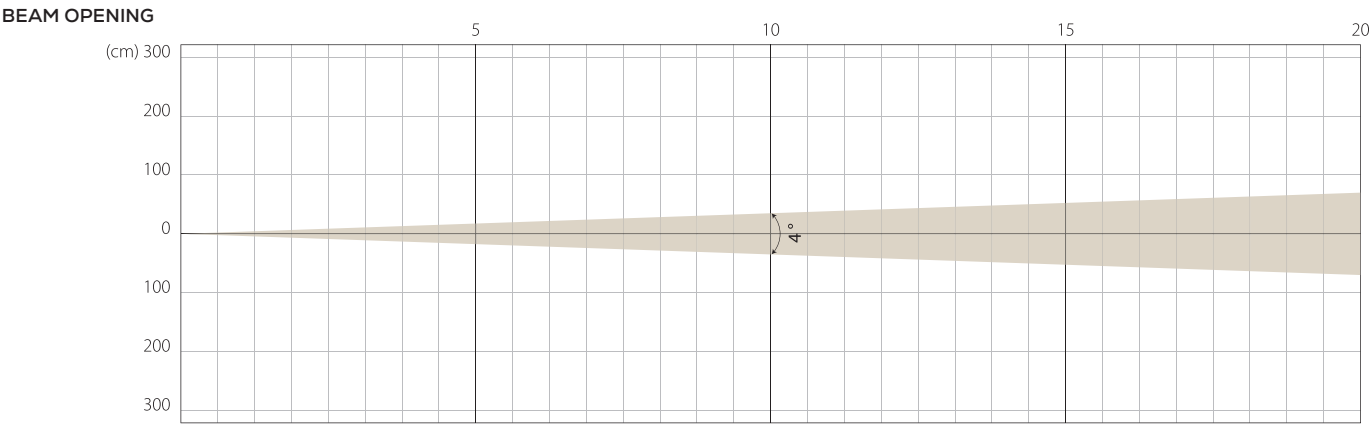


INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	419	5.43	105	10.86	47	16.29	26	21.72

SUPER SILENCE MODE | NATIVE CRI GREATER THAN 95

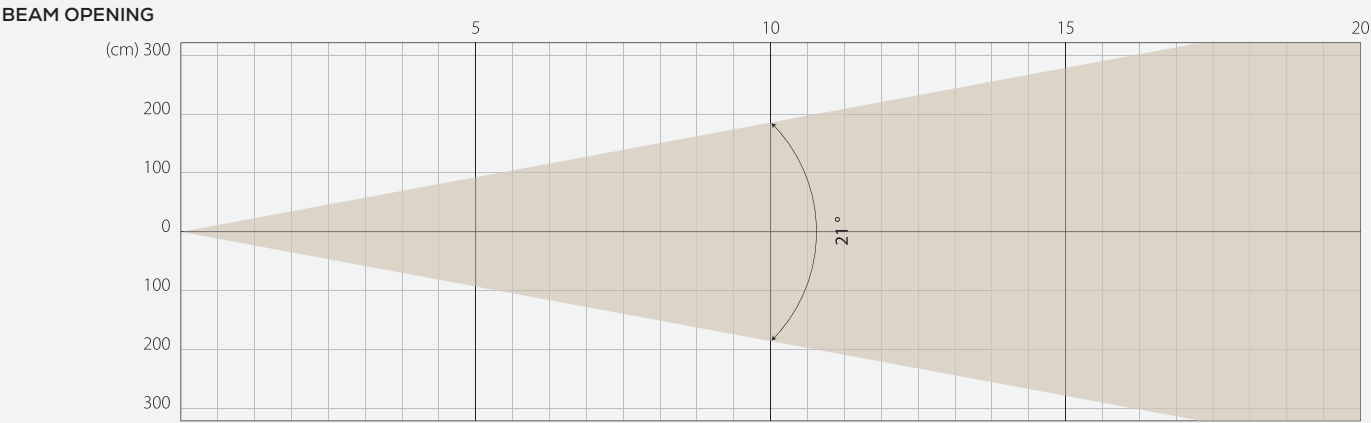
MIN ZOOM



INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	13413	0.35	3353	0.7	1490	1.05	838	1.4

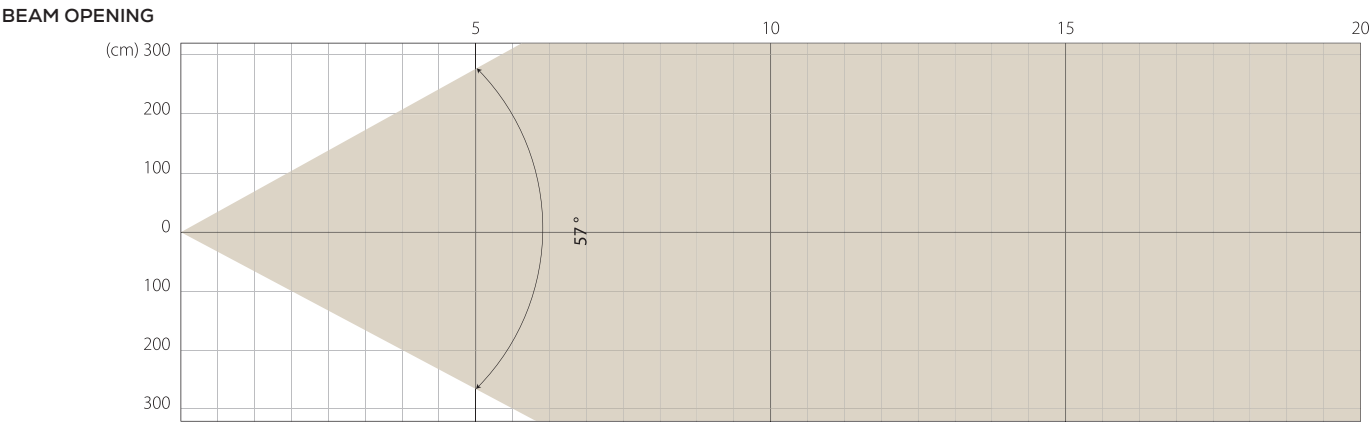
MIDDLE ZOOM



INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	2183	1.85	546	3.71	243	5.56	136	7.41

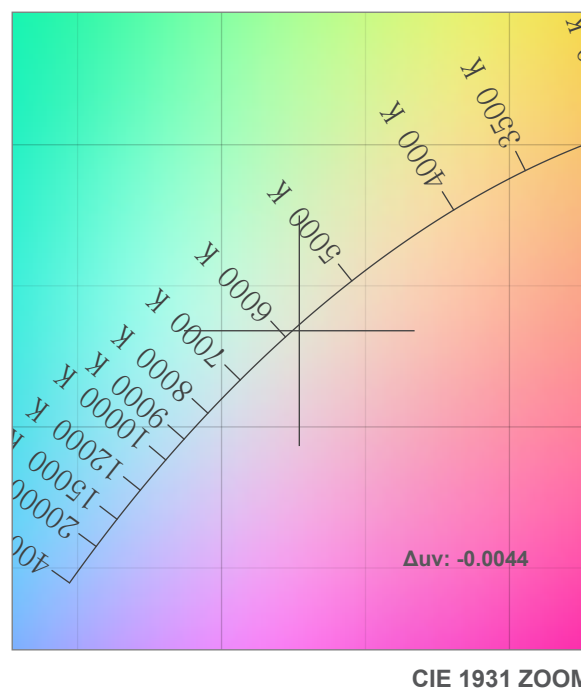
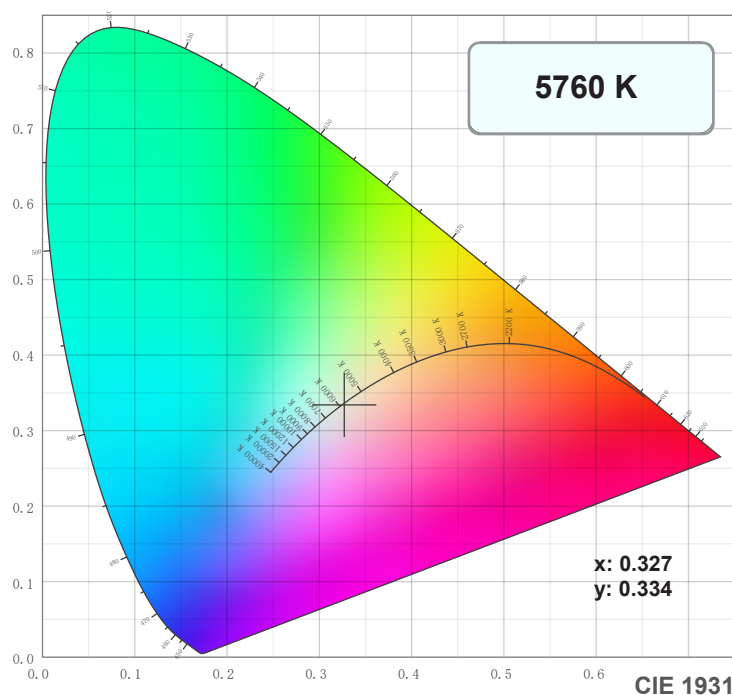
MAX ZOOM



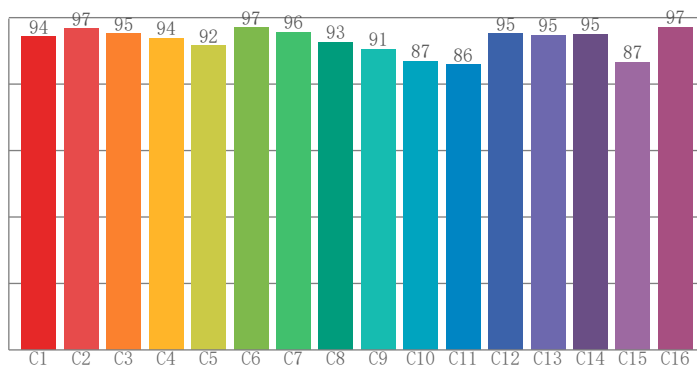
INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	353	5.43	88	10.86	39	16.29	22	21.72

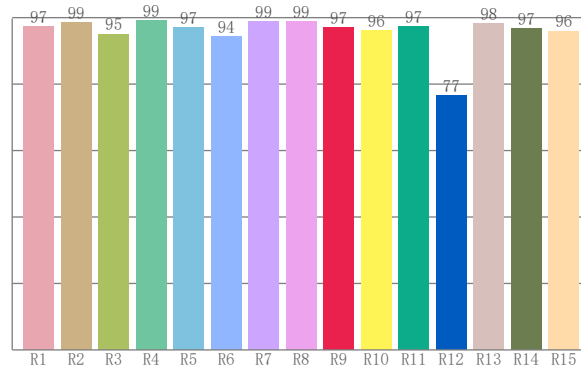
COLOUR DETAILS



TM-30: 92.8



CRI: 97.4 (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
97.4	98.5	95.1	99.1	97.0	94.3	98.9	98.9	97.0	96.0	97.3	76.6	98.3	96.8	96.0

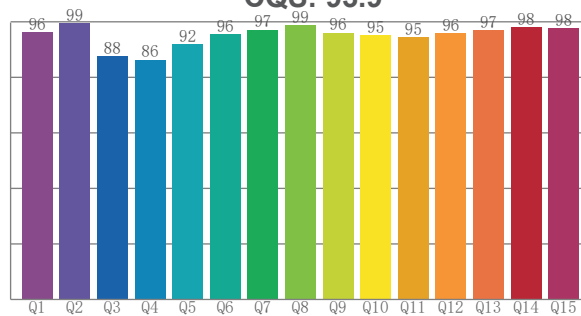
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.3	96.6	95.1	93.8	91.6	96.9	95.6	92.6	90.6	86.9	85.8	95.2	94.6	95.0	86.6	97.1

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
96.2	99.5	87.5	86.4	91.8	95.7	97.2	98.9	96.1	95.2	94.6	95.8	97.0	98.0	97.6

CQS: 93.9



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
5760 K	97.4	97.0	92.8	100.7	93.9	0.327	0.334	0.206	0.315	-0.0044

TM-30 DETAILS

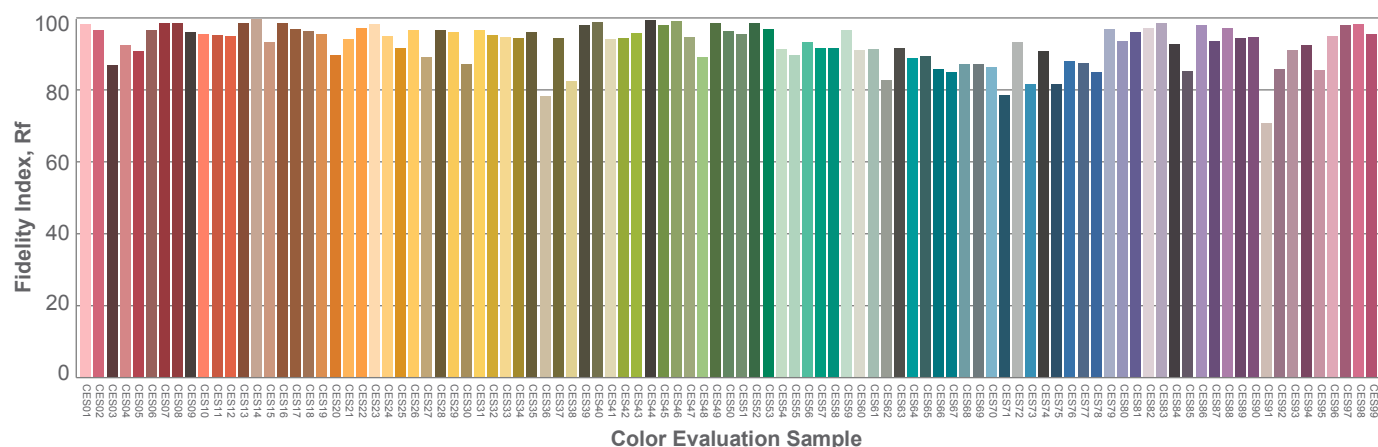
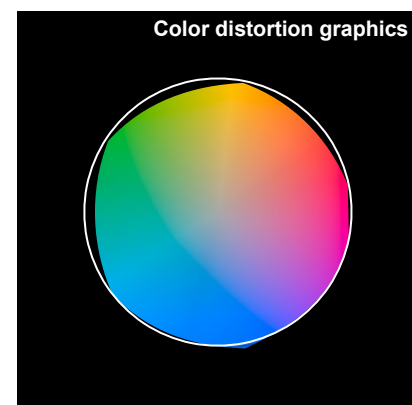
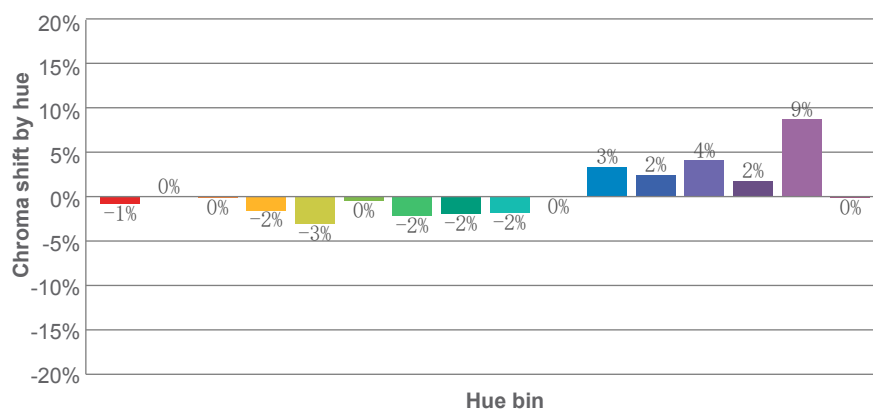
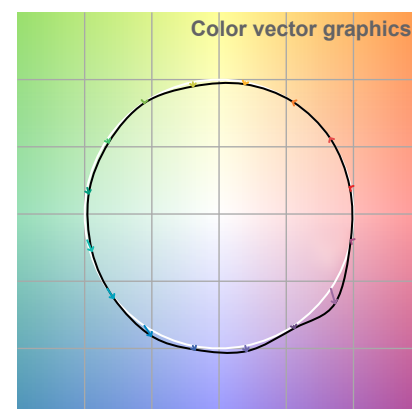
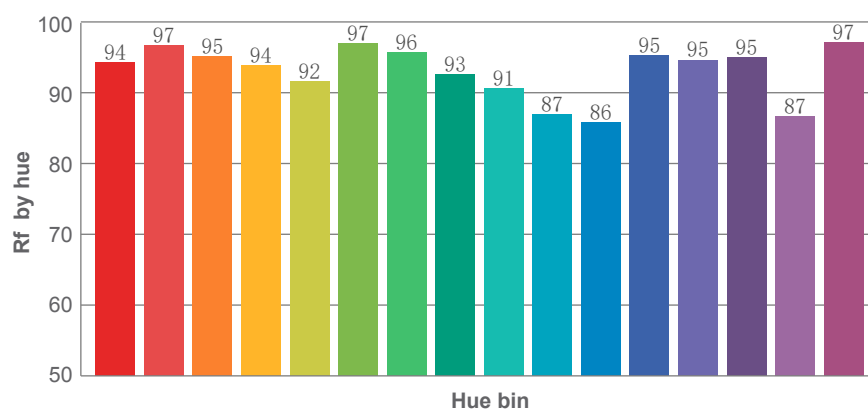
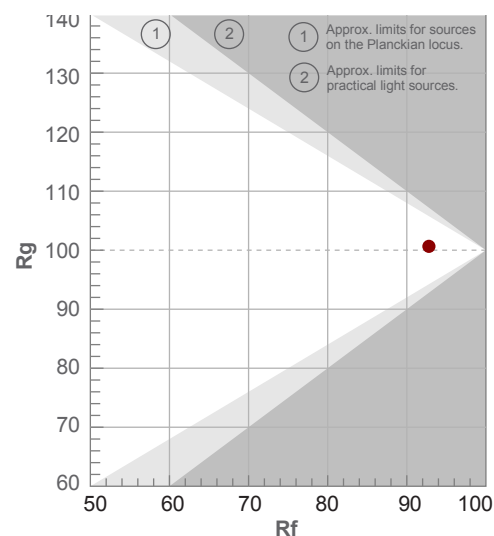
Rf 92.8

Fidelity index Rf

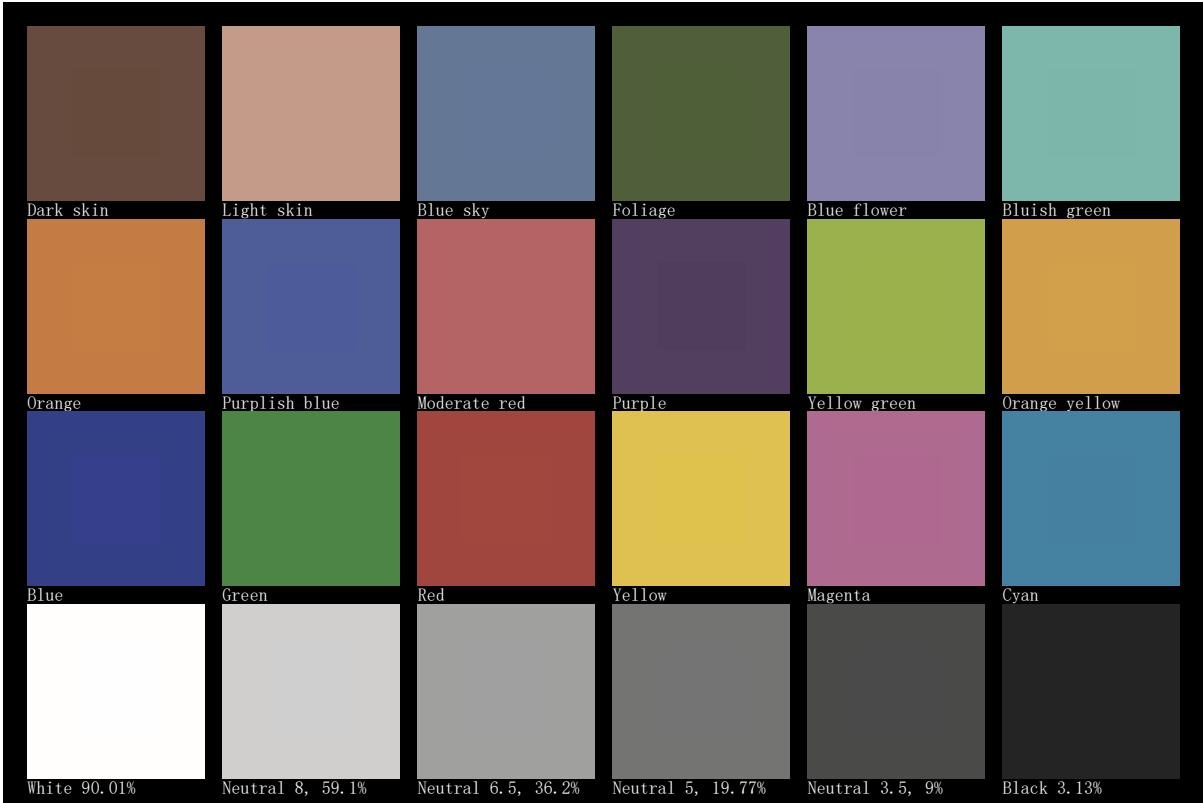
Rg 100.7

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	94	-1%	1%
2	97	0%	1%
3	95	0%	1%
4	94	-2%	0%
5	92	-3%	0%
6	97	0%	0%
7	96	-2%	1%
8	93	-2%	4%
9	91	-2%	8%
10	87	0%	8%
11	86	3%	8%
12	95	2%	2%
13	95	4%	0%
14	95	2%	0%
15	87	9%	-7%
16	97	0%	0%



TLCI 98





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