



STRADALE PROFILE S

PHOTOMETRY



AYRTON
Digital Lighting



Total Flux	20,000 lm (@zoom 128, fan mode STAGE, Sphere)
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CCT @ light source engine	8100 (±250 K)
CCT @ open	6500 (±350 K)
Ra @ open	70 (±2)
TLCI	48
TM-30	Rf: 71 Rg: 94

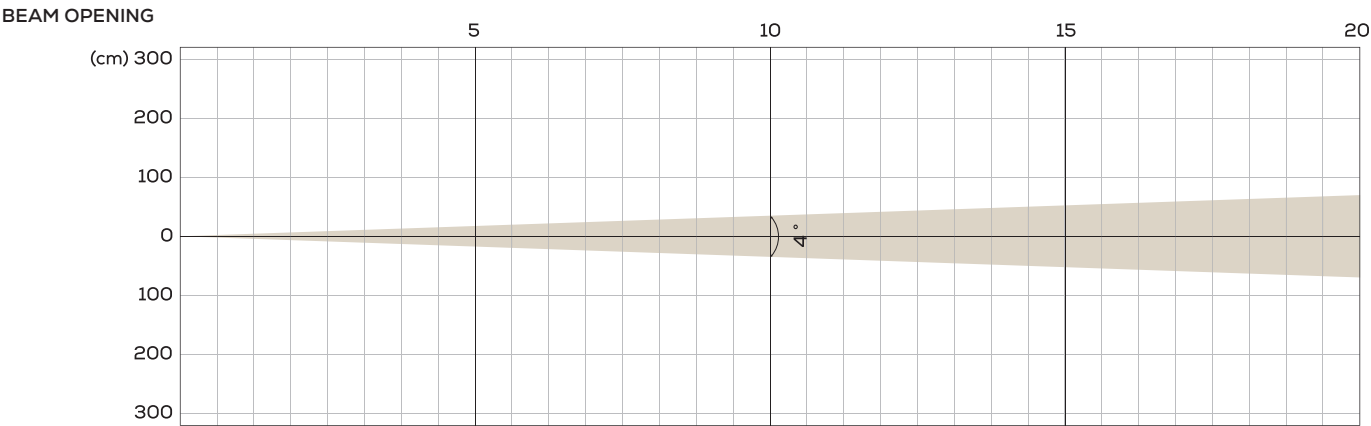
Fan Mode	Noise Level (dBA)	by Goniometer (lm)	by Sphere (lm)
Auto	43.2	13,500 lm	16,500 lm
Stage	47.5	13,800 lm	18,900 lm
Silence	36.2	8,200 lm	10,600 lm
Super Silence	32.4	6,600 lm	8,000 lm

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

Voltage / Power	100-240 V, 50-60 Hz	580 W
Fixture Dimension / Weight	339 x 593 x 298 mm	23.5 kg
Packing Dimension / Weight	505 x 595 x 395 mm	30.5 kg

AUTO MODE | NATIVE CRI GREATER THAN 70

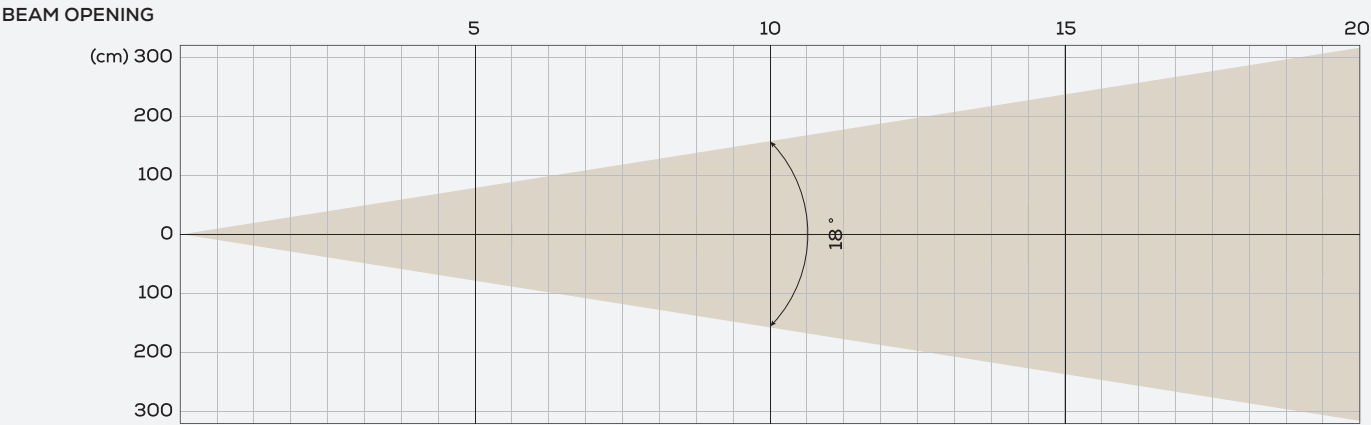
MIN ZOOM



INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	98,342	0.35	24,585	0.7	10,927	1.05	6,146	1.4

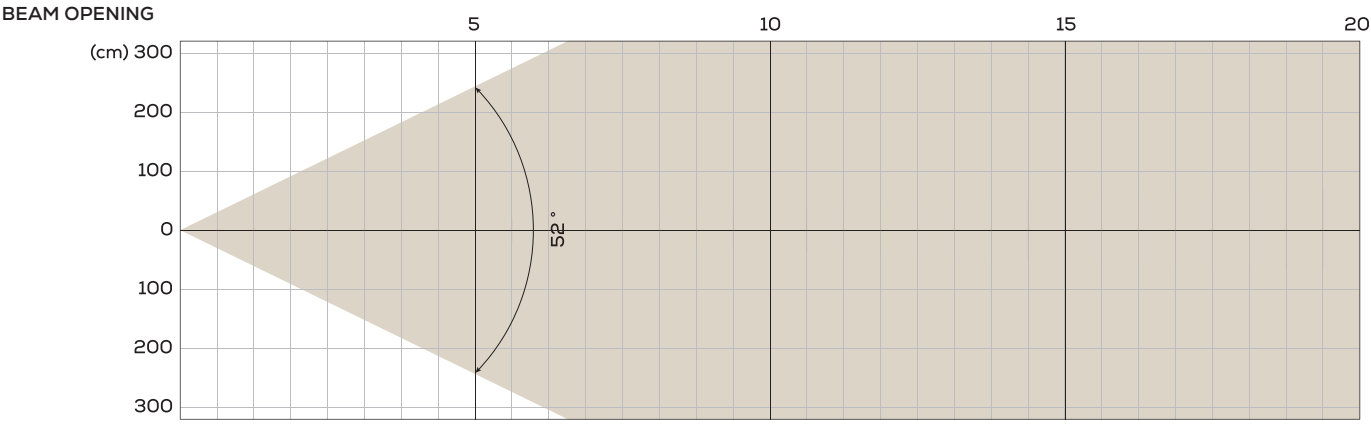
MIDDLE ZOOM



INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	7,561	1.58	1,890	3.17	840	4.75	473	6.34

MAX ZOOM

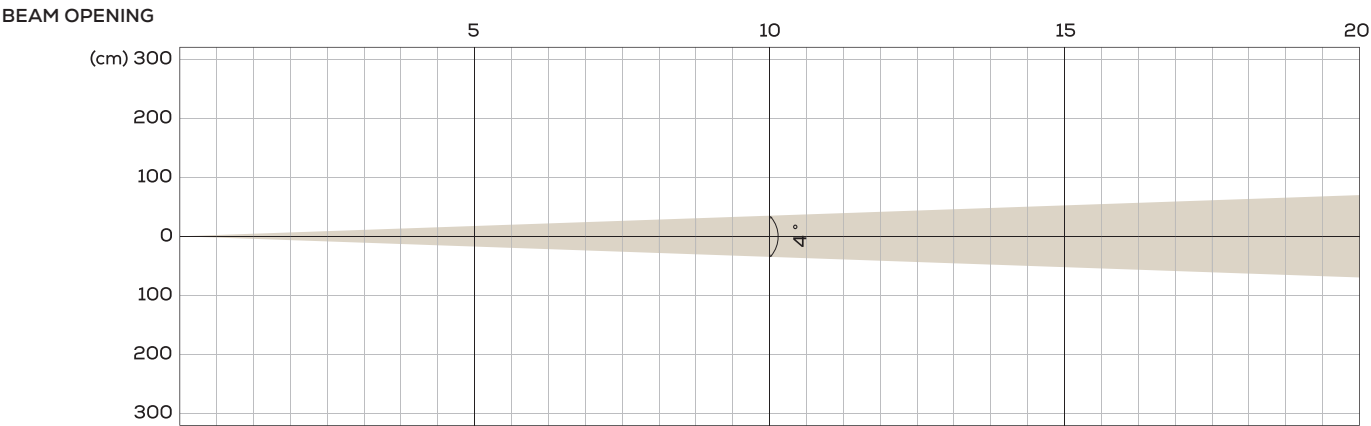


INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	930	4.88	232	9.75	103	14.63	58	19.51

STAGE MODE | NATIVE CRI GREATER THAN 70

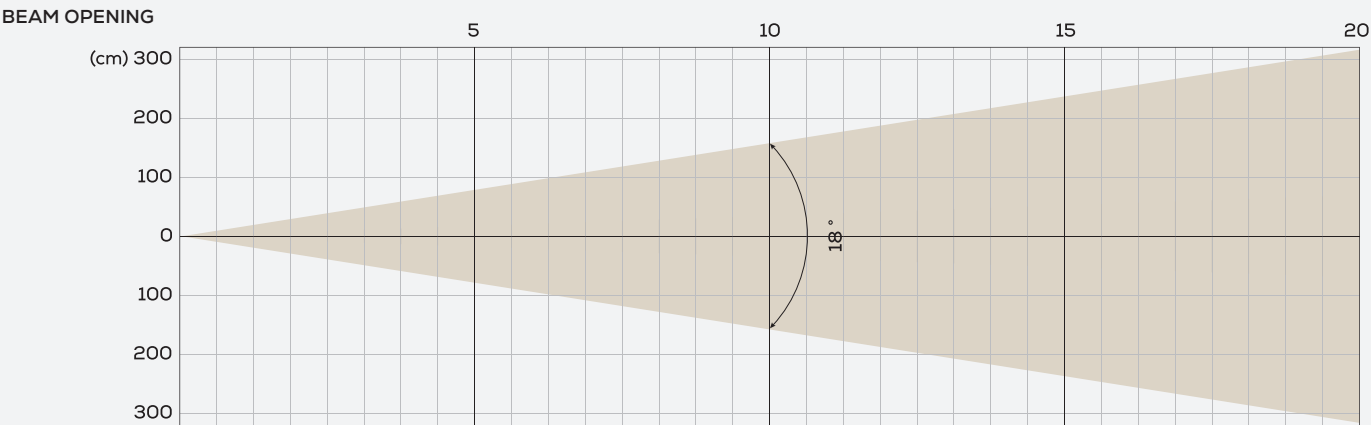
MIN ZOOM



INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	98,621	0.35	24,655	0.7	10,958	1.05	6.164	1,4

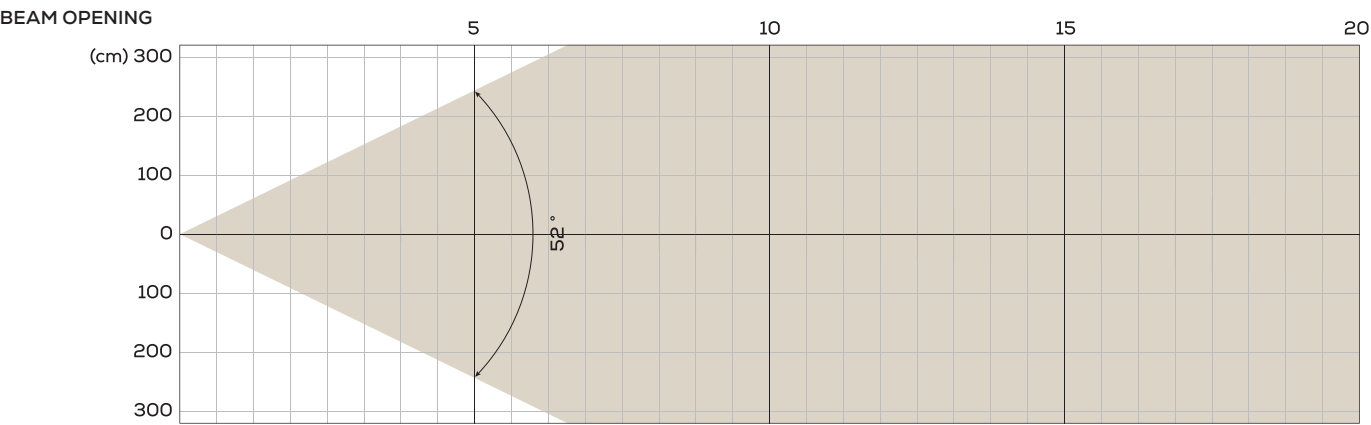
MIDDLE ZOOM



INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	7,672	1.58	1,918	3.17	852	4.75	480	6.34

MAX ZOOM

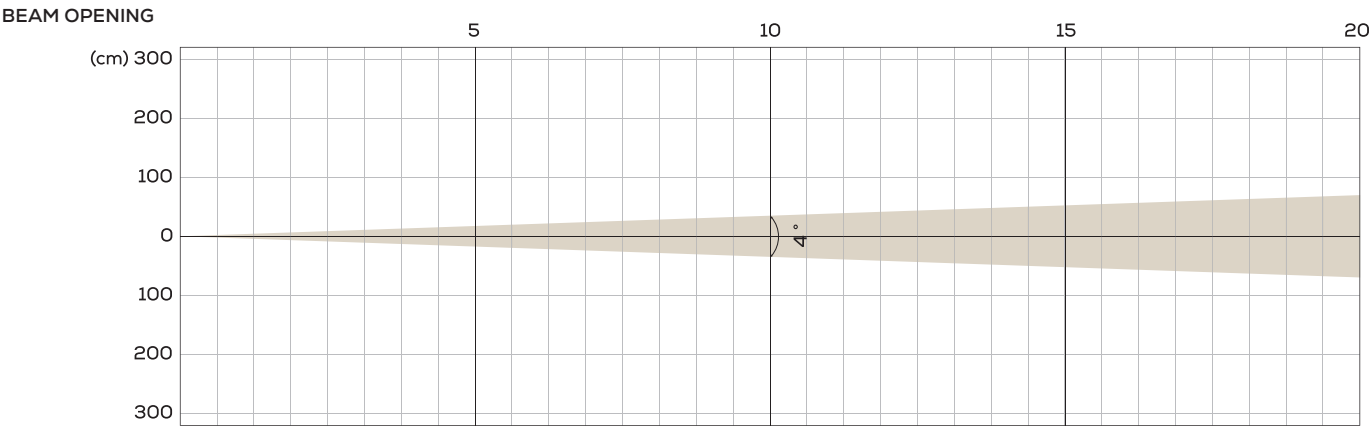


INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	939	4.88	235	9.75	104	14.63	59	19.51

SILENCE MODE | NATIVE CRI GREATER THAN 70

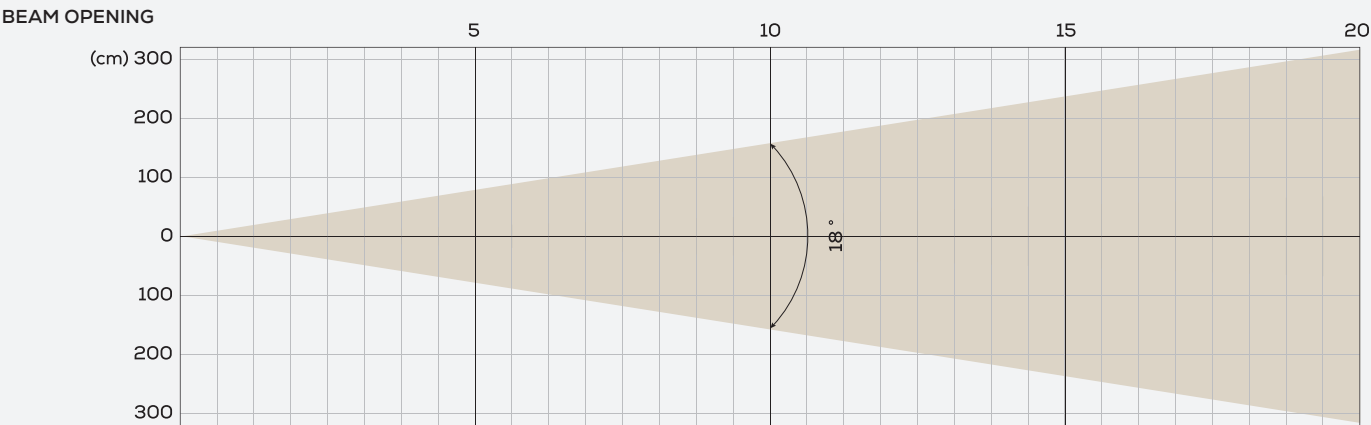
MIN ZOOM



INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	60,622	0.35	15,155	0.7	6,736	1.05	3,789	1.4

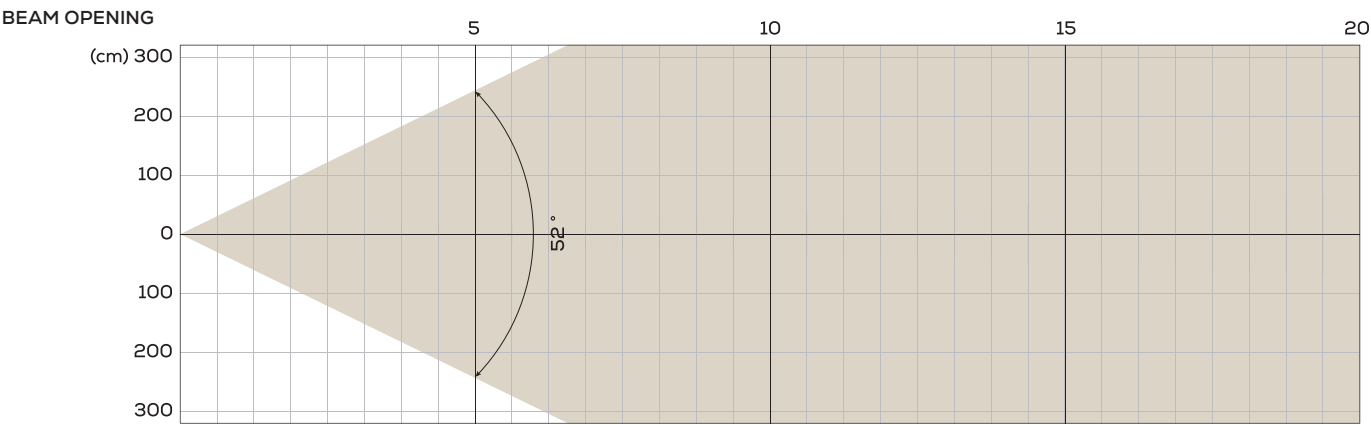
MIDDLE ZOOM



INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	4,825	1.58	1,206	3.17	536	4.75	302	6.34

MAX ZOOM

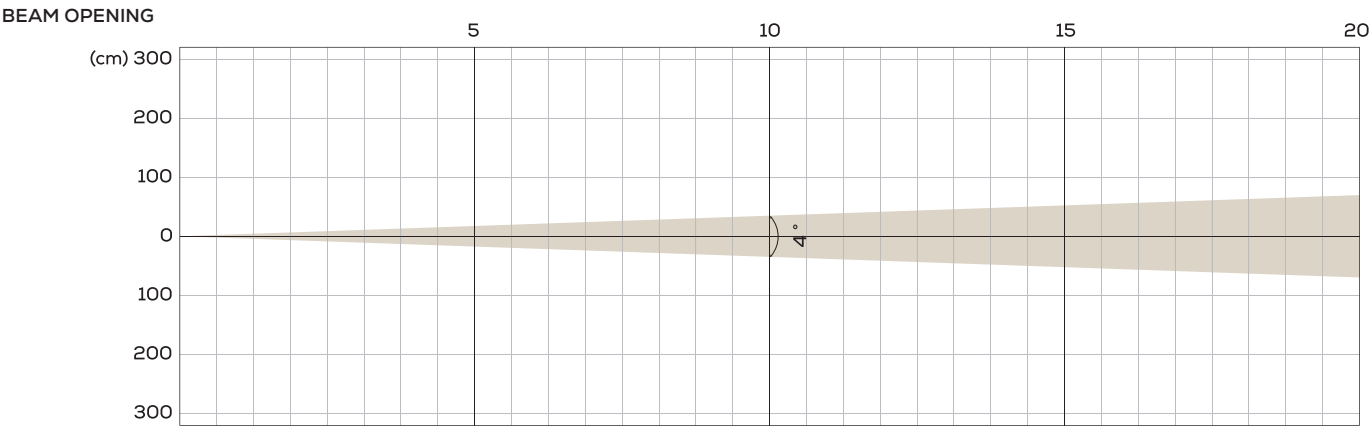


INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	585	4.88	146	9.75	65	14.63	37	19.51

SUPER SILENCE MODE | NATIVE CRI GREATER THAN 70

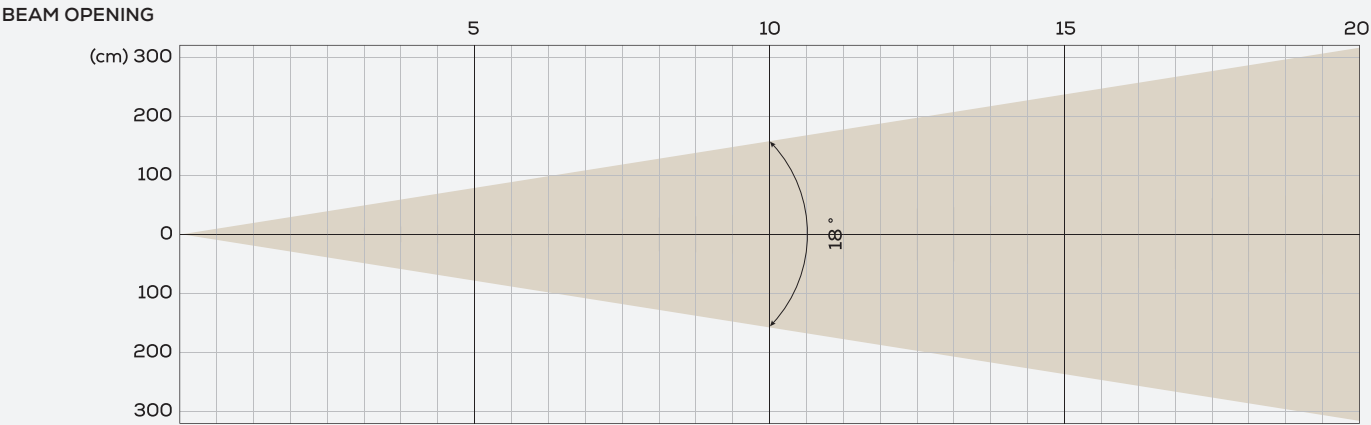
MIN ZOOM



INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	50,561	0.35	12,640	0.7	5,618	1.05	3,160	1.4

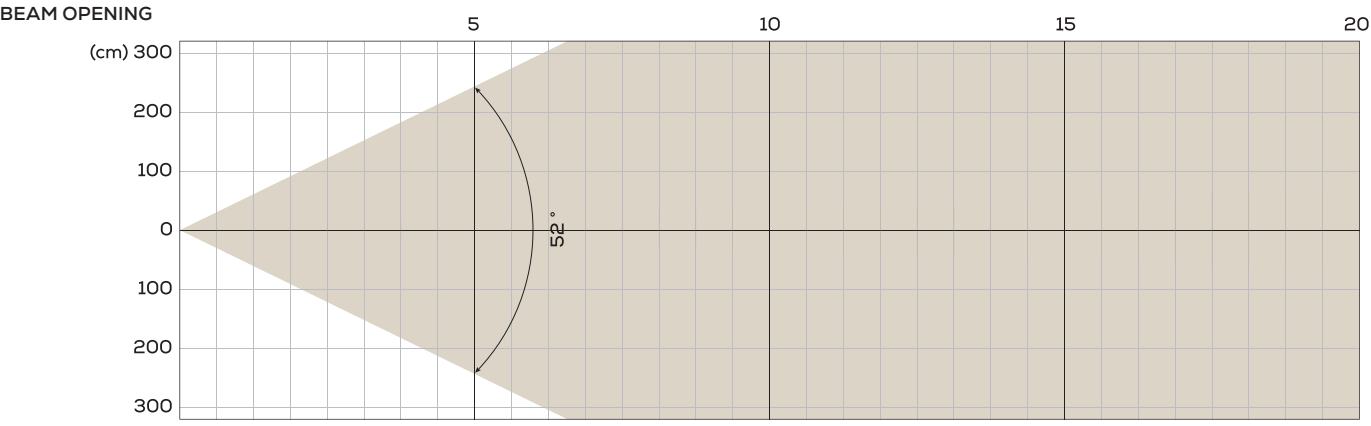
MIDDLE ZOOM



INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	7,672	1.58	1,918	3.17	852	4.75	480	6.34

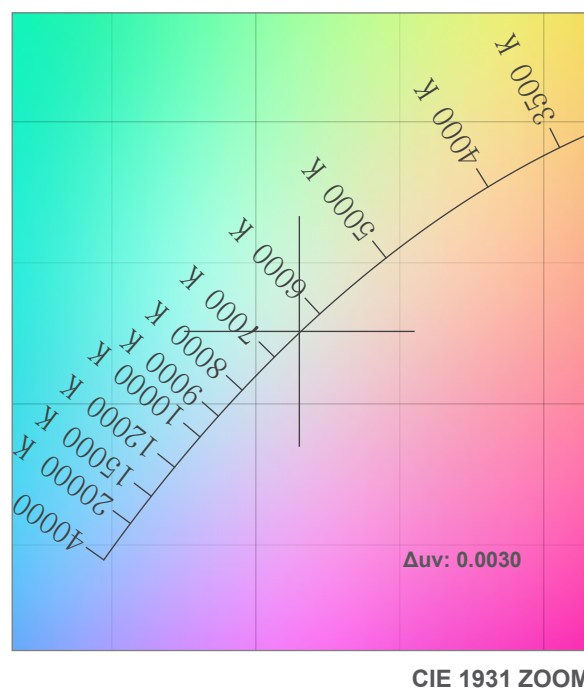
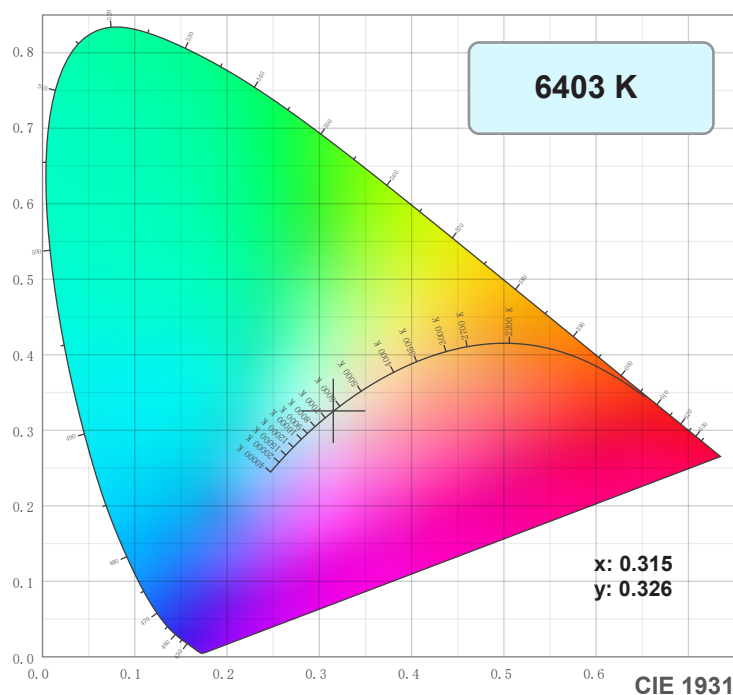
MAX ZOOM



INTENSITY

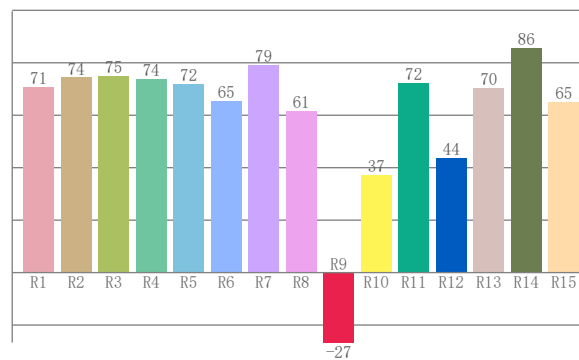
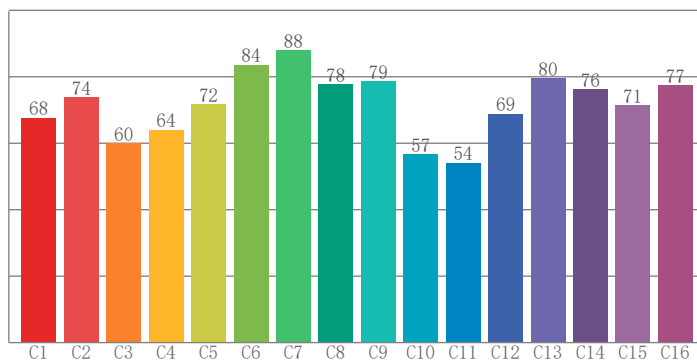
Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	939	4.88	235	9.75	104	14.63	59	19.51

COLOUR DETAILS



TM-30: 71.2

CRI: 71.4 (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
70.6	74.4	75.1	73.8	71.7	65.4	79.0	61.4	-26.7	37.4	72.1	43.6	70.3	85.8	65.1

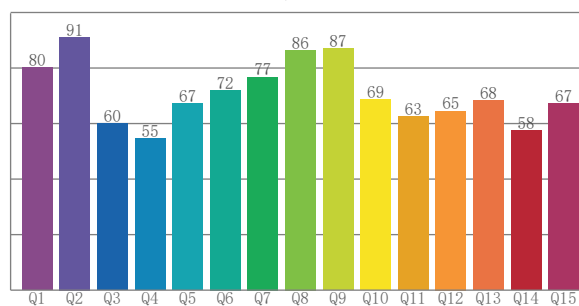
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
67.7	73.8	60.0	64.1	71.7	83.6	88.0	77.8	78.7	56.8	54.1	68.9	79.5	76.3	71.4	77.4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
80.2	91.1	60.1	54.6	67.1	72.0	76.8	86.5	87.0	68.6	62.6	64.6	68.3	57.5	67.2

CQS: 69.0



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
6403 K	71.4	-26.7	71.2	94.8	69.0	0.315	0.326	0.201	0.311	0.0030

TM-30 DETAILS

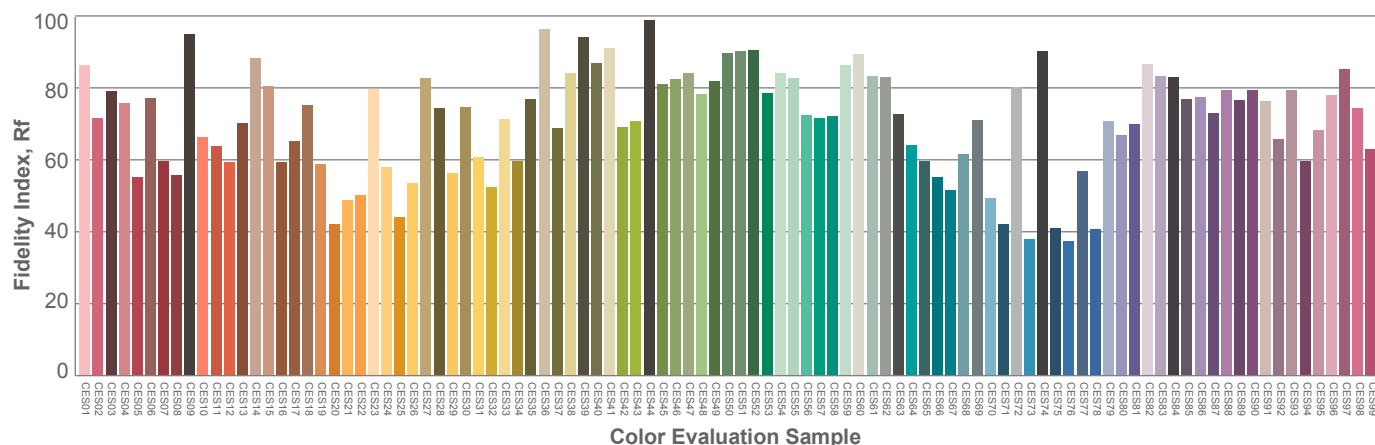
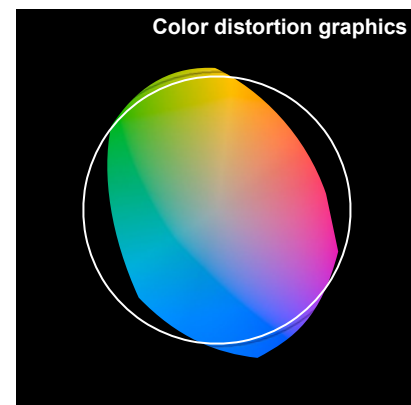
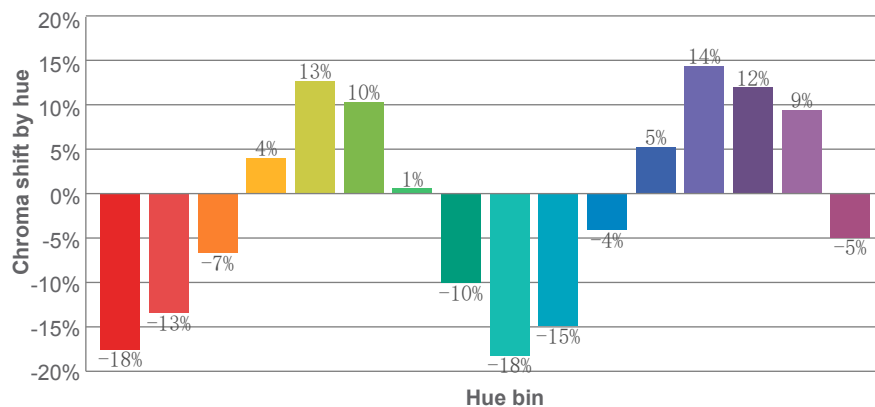
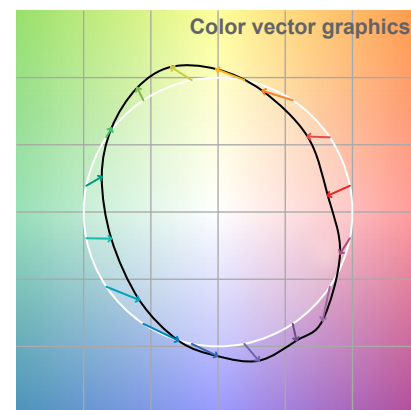
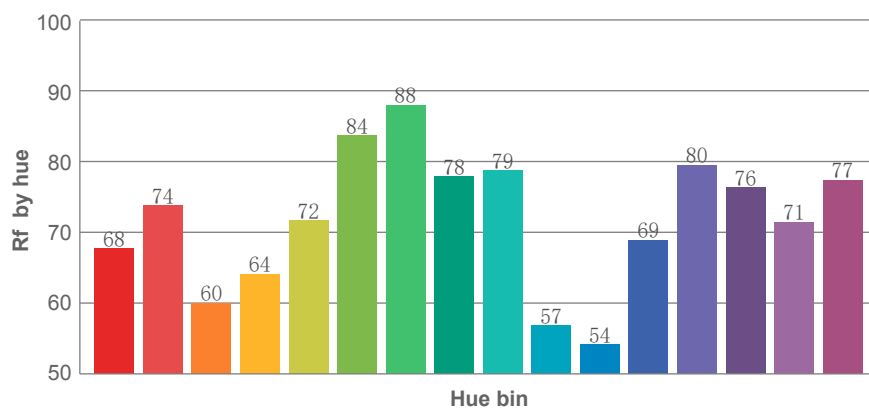
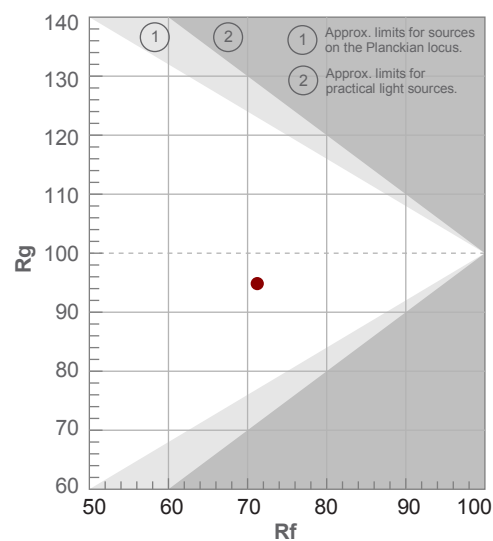
Rf 71.2

Fidelity index Rf

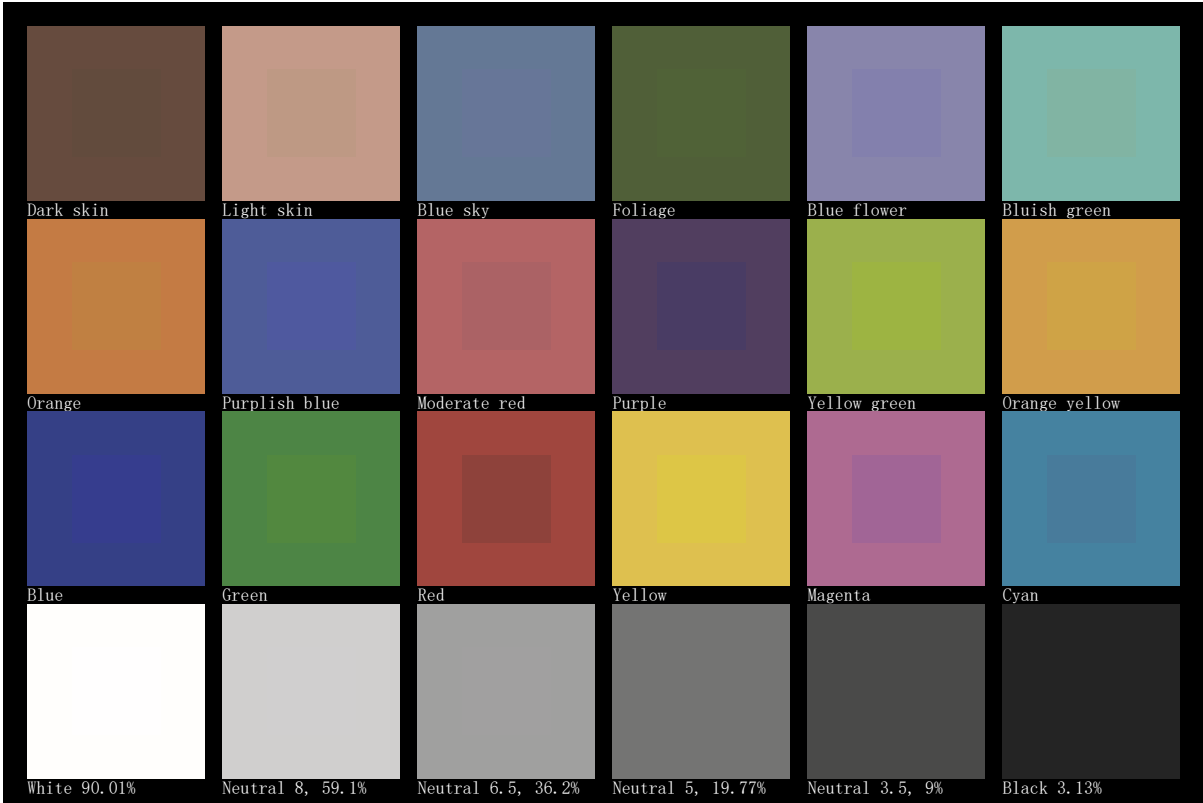
Rg 94.8

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	68	-18%	-4%
2	74	-13%	10%
3	60	-7%	23%
4	64	4%	22%
5	72	13%	13%
6	84	10%	-1%
7	88	1%	-8%
8	78	-10%	-9%
9	79	-18%	4%
10	57	-15%	22%
11	54	-4%	29%
12	69	5%	20%
13	80	14%	8%
14	76	12%	-5%
15	71	9%	-24%
16	77	-5%	-13%



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