



VELOCE PROFILE S

PHOTOMETRY



AYRTON

Digital Lighting



Total Flux	43,000 lm (@zoom 128, fan mode STAGE, Sphere)
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CCT @ light source engine	8100 K (±400 K)
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CCT @ open	6500 K (±300 K)
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Ra @ open	70 (±2)
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TLCI	48
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TM-30	Rf: 71 Rg: 94
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Fan Mode	Noise Level (dBA)	by Goniometer (lm)	by Sphere (lm)
Auto	43.5	35,500	42,500
Stage	47.6	36,000	43,000
Silence	36.1	25,800	31,000
Super Silence	32.5	14,100	17,000

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

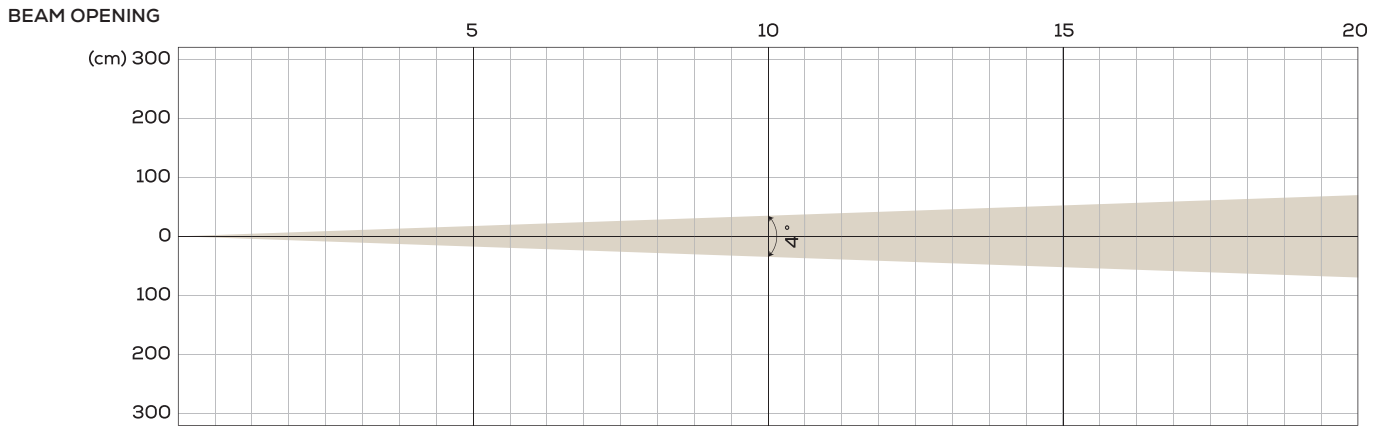
Voltage / Power	100-240 V, 50-60 Hz	1,300 W
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Fixture Dimension / Weight	404 x 757 x 366 mm	40.5 kg
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Packing Dimension / Weight	695 x 740 x 515 mm	55.5 kg
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AUTO MODE | NATIVE CRI GREATER THAN 70

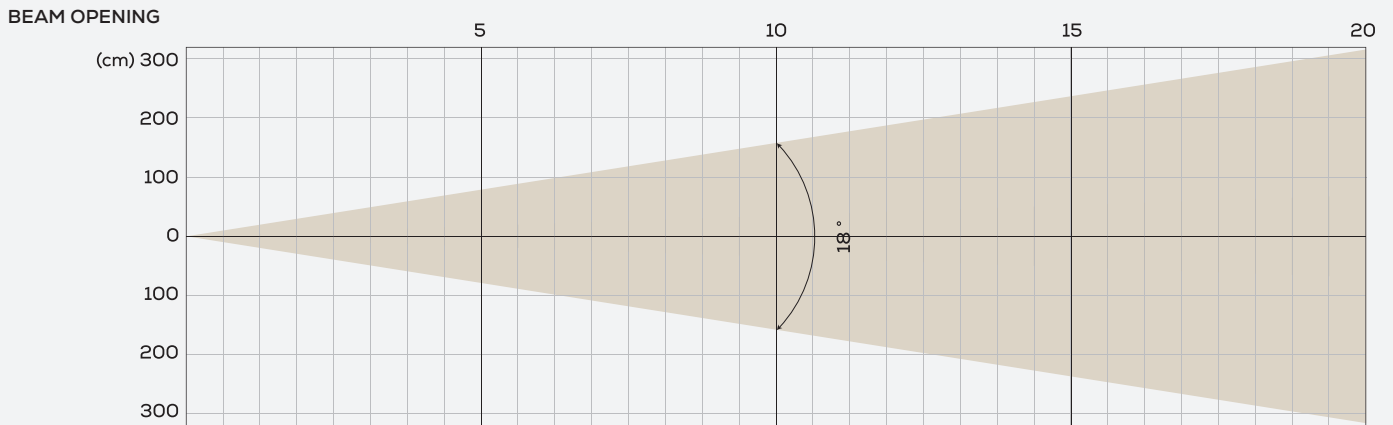
MIN ZOOM



INTENSITY

Distance (m)	5		10		15		20	
	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	152890	0.35	38222	0.7	16988	1.05	9556	1.4

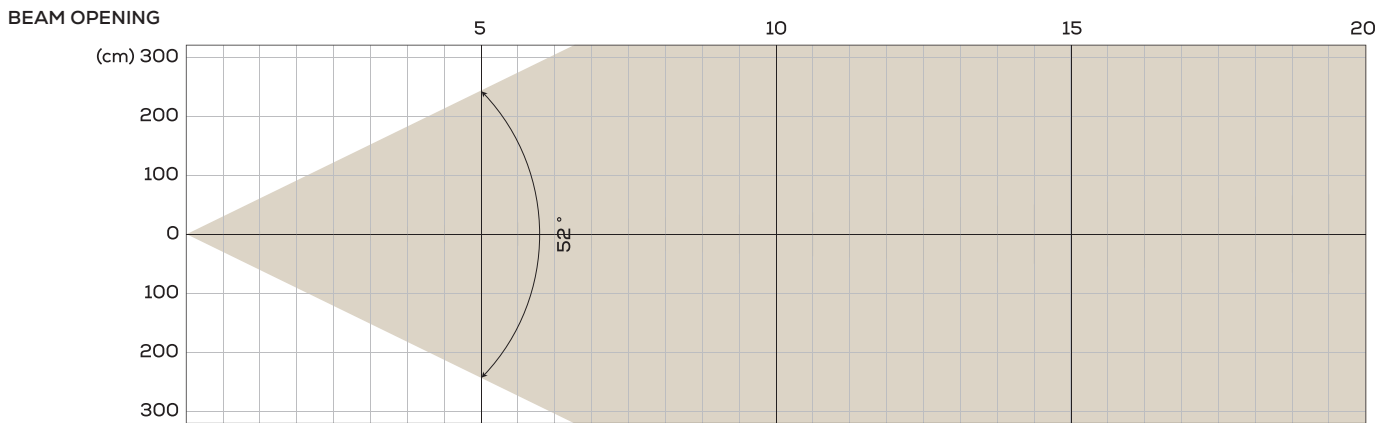
MIDDLE ZOOM



INTENSITY

Distance (m)	5		10		15		20	
	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	23786	1.58	5947	3.17	2643	4.75	1487	6.34

MAX ZOOM

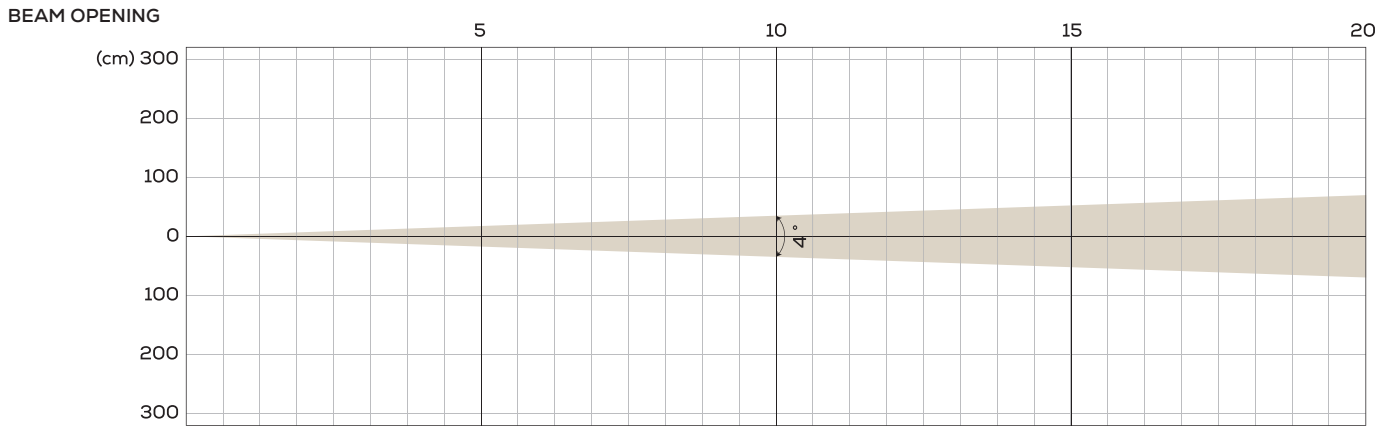


INTENSITY

Distance (m)	5		10		15		20	
	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	2764	4.88	691	9.75	307	14.63	173	19.51

STAGE MODE | NATIVE CRI GREATER THAN 70

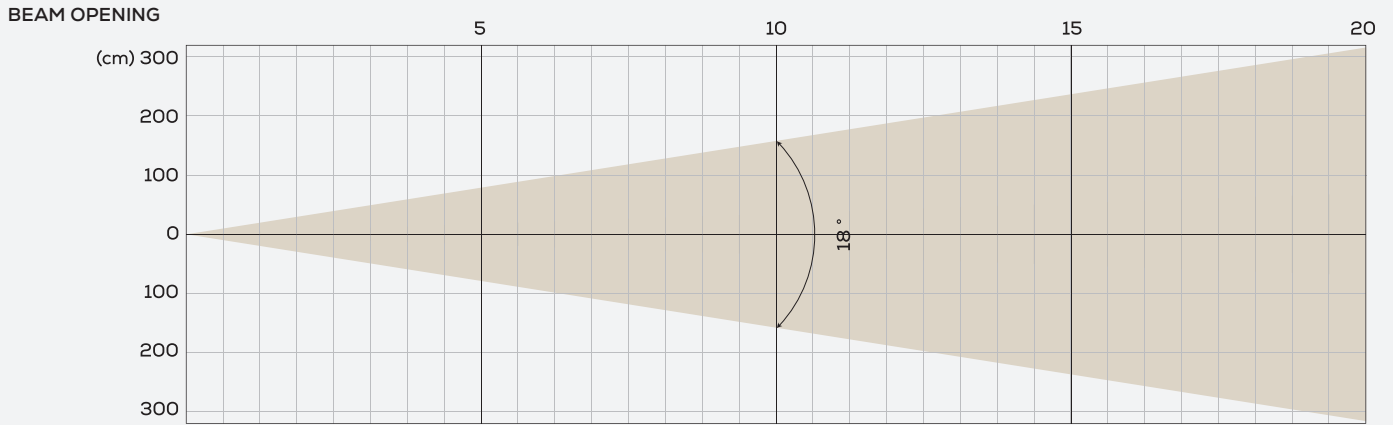
MIN ZOOM



INTENSITY

Distance (m)	5		10		15		20	
	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	157126	0.35	39282	0.7	17458	1.05	9820	1.4

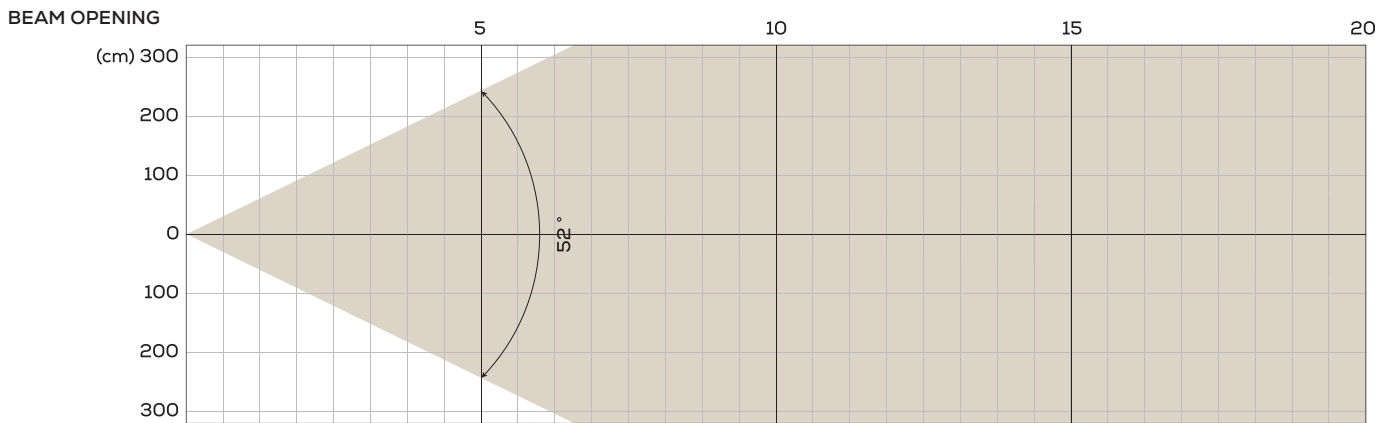
MIDDLE ZOOM



INTENSITY

Distance (m)	5		10		15		20	
	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	22344	1.58	5586	3.17	2483	4.75	1397	6.34

MAX ZOOM

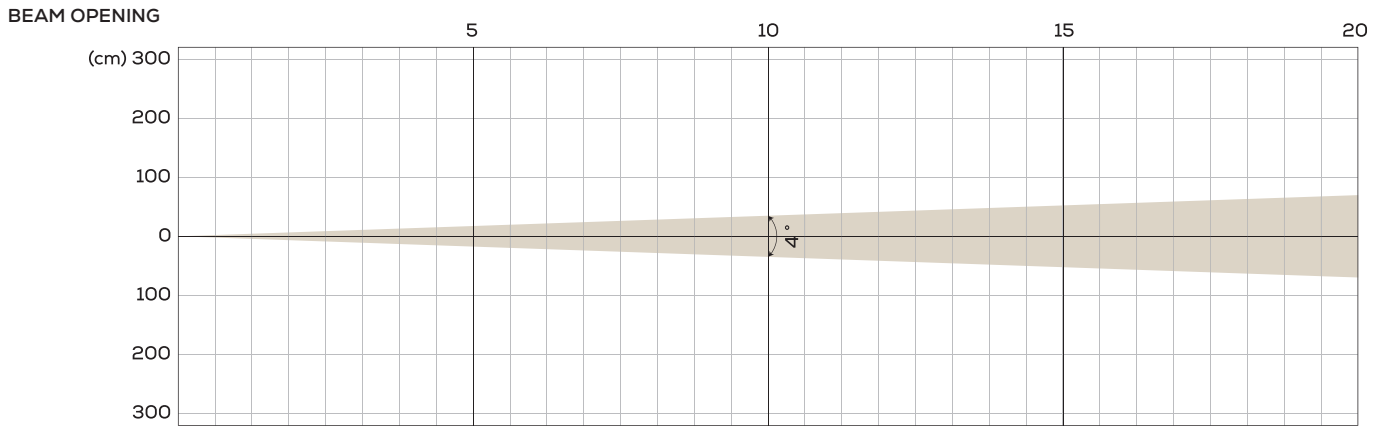


INTENSITY

Distance (m)	5		10		15		20	
	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	2823	4.88	706	9.75	314	14.63	176	19.51

SILENCE MODE | NATIVE CRI GREATER THAN 70

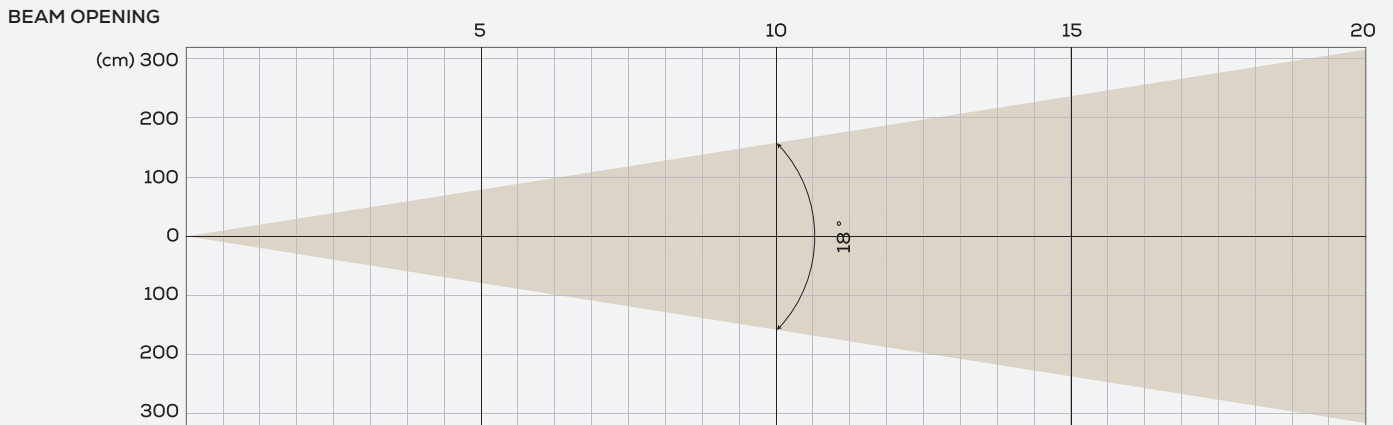
MIN ZOOM



INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	108659	0.35	27165	0.7	12073	1.05	6791	1.4

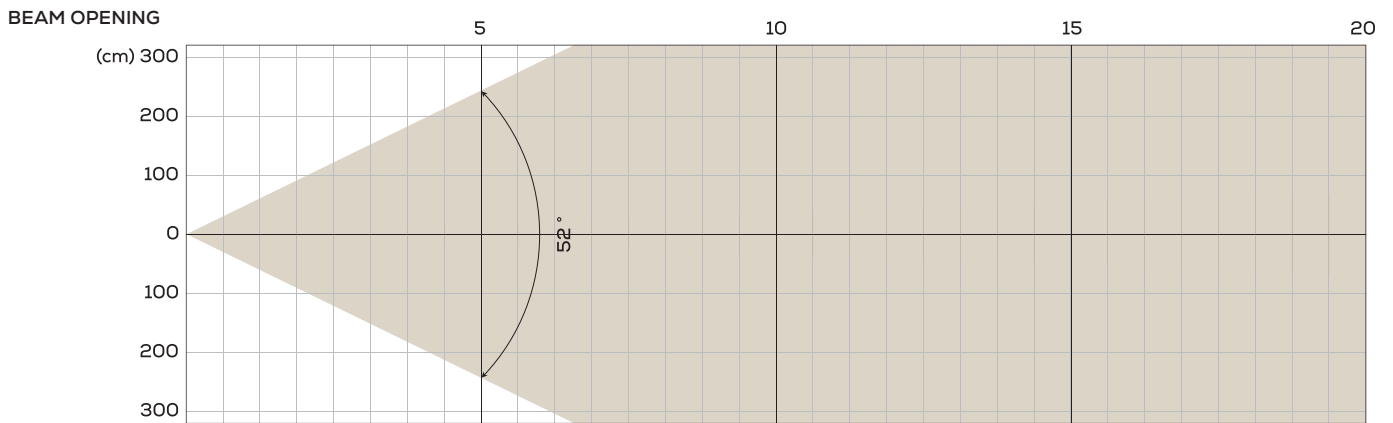
MIDDLE ZOOM



INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	16949	1.58	4237	3.17	1883	4.75	1059	6.34

MAX ZOOM

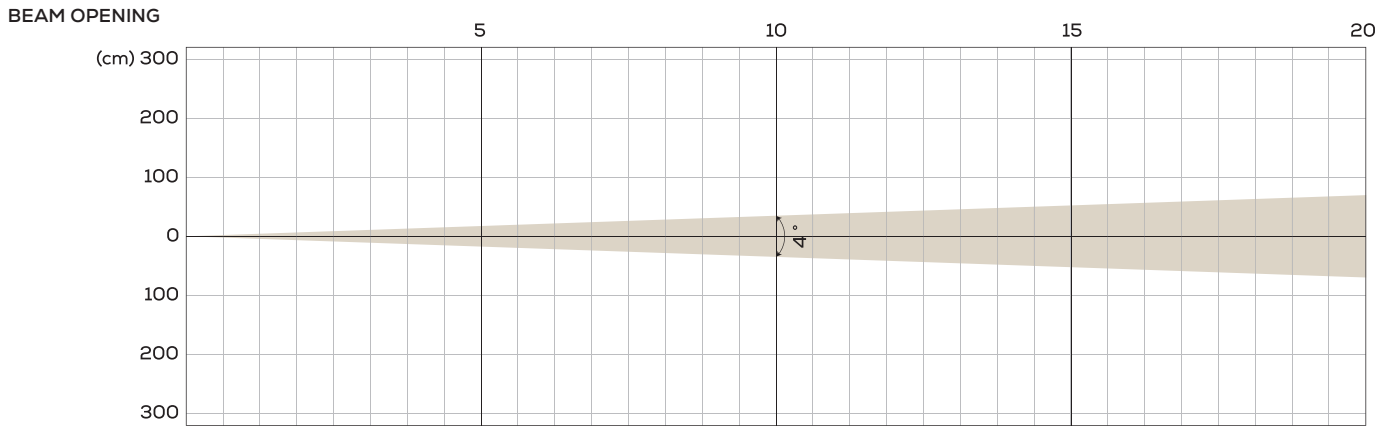


INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	1925	4.88	481	9.75	214	14.63	120	19.51

SUPER SILENCE MODE | NATIVE CRI GREATER THAN 70

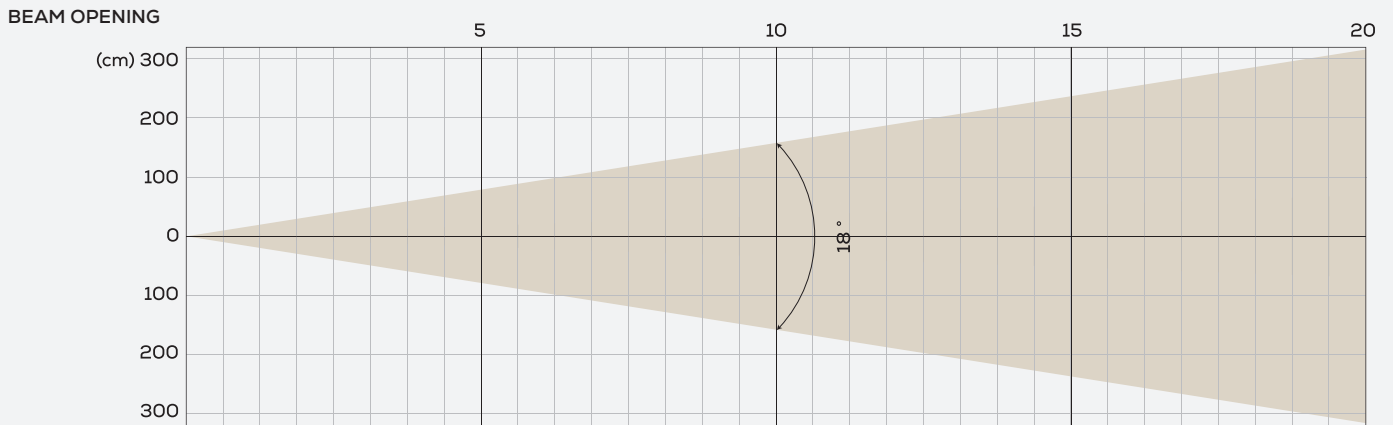
MIN ZOOM



INTENSITY

Distance (m)	5		10		15		20	
	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	69470	0.35	17367	0.7	7719	1.05	4342	1.4

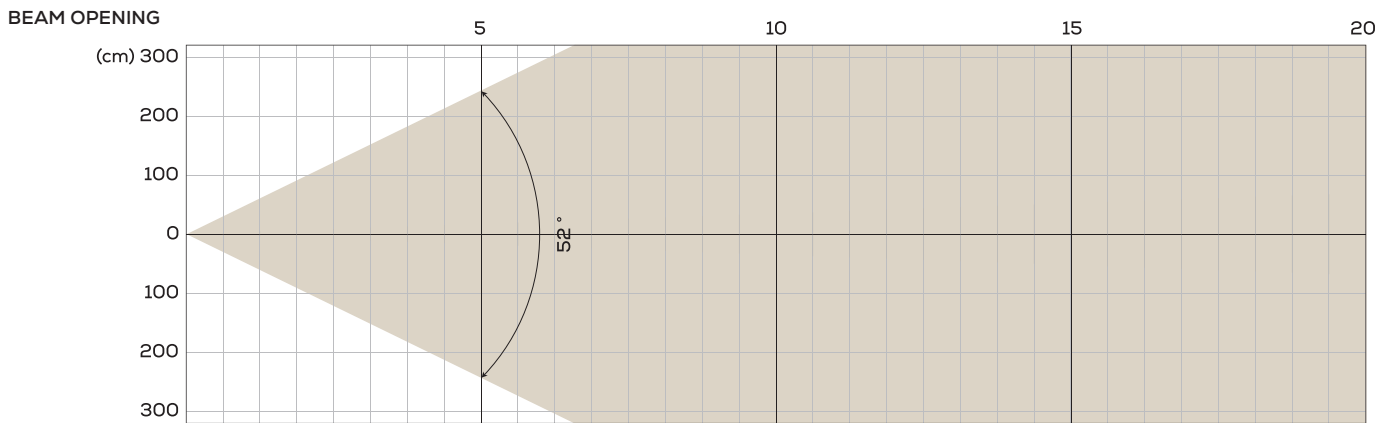
MIDDLE ZOOM



INTENSITY

Distance (m)	5		10		15		20	
	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	9080	1.58	2270	3.17	1009	4.75	567	6.34

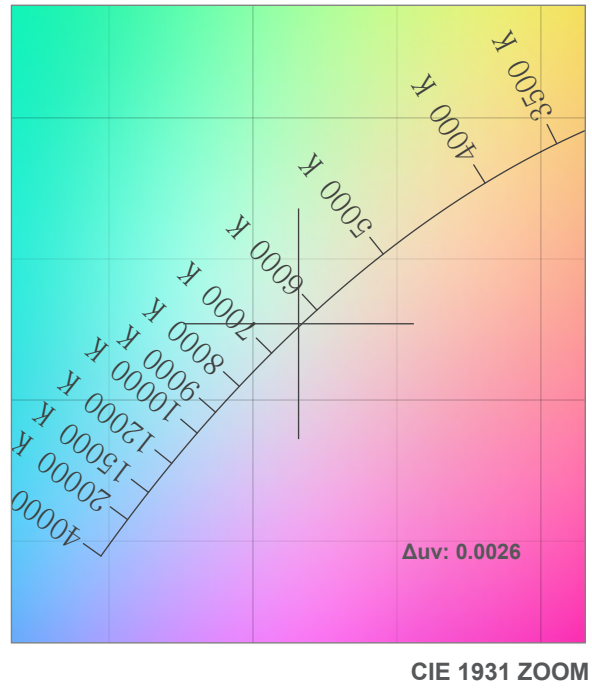
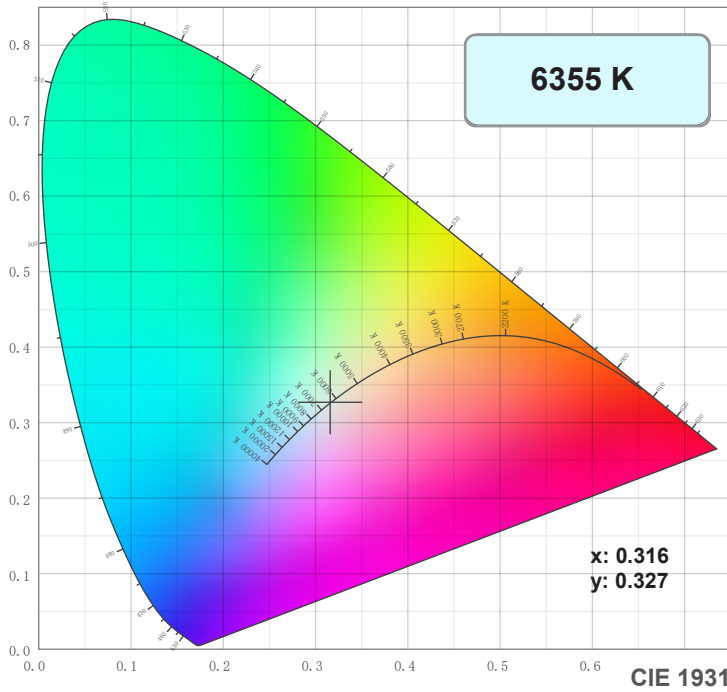
MAX ZOOM



INTENSITY

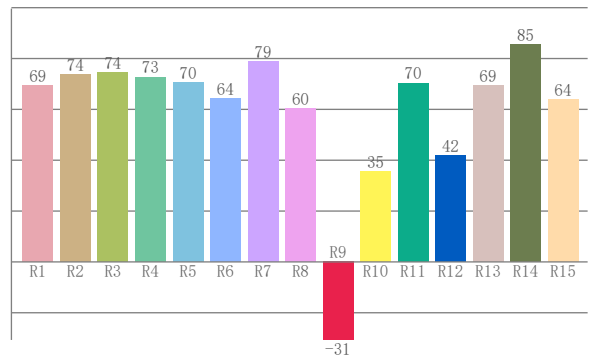
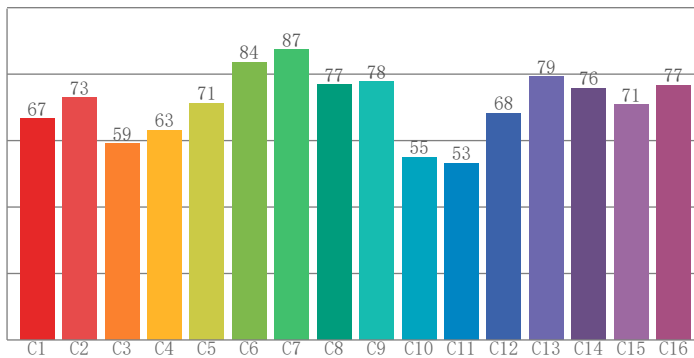
Distance (m)	5		10		15		20	
	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	1050	4.88	262	9.75	117	14.63	66	19.51

COLOUR DETAILS



TM-30: 70.5

CRI: 70.5 (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
69.4	73.7	74.5	72.8	70.5	64.3	78.7	60.2	-30.7	35.4	70.3	41.8	69.3	85.4	64.0

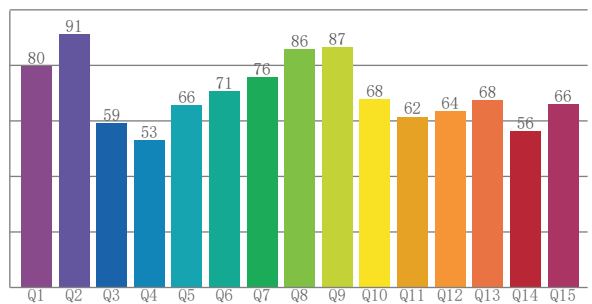
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
66.6	72.9	59.0	63.2	71.3	83.6	87.3	76.9	77.7	55.1	53.1	68.3	79.2	75.8	70.8	76.6

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
79.7	91.1	59.2	53.0	65.6	70.6	75.7	85.8	86.7	67.9	61.5	63.7	67.6	56.3	66.2

CQS: 68.0



Color parameters

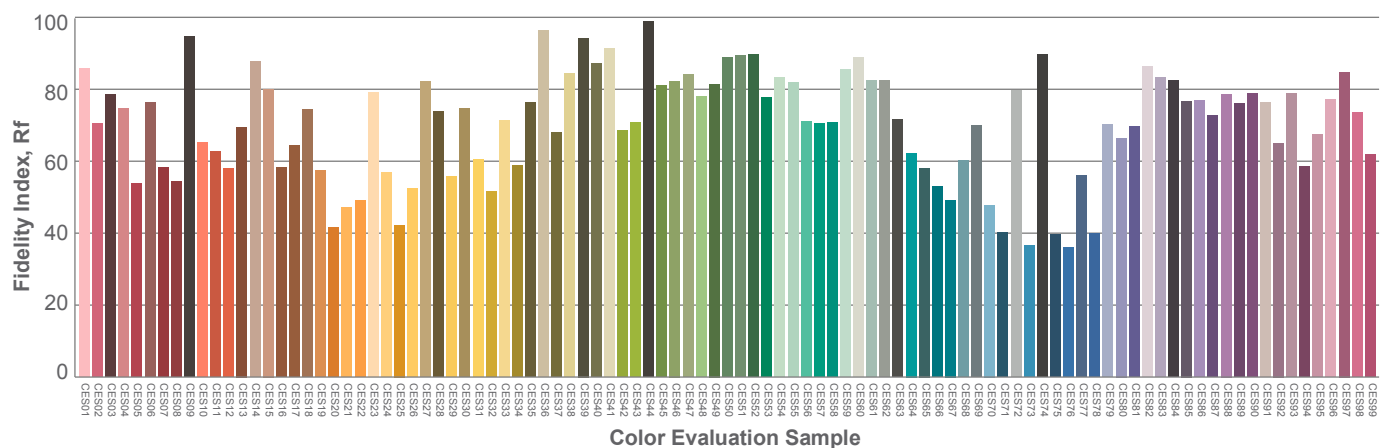
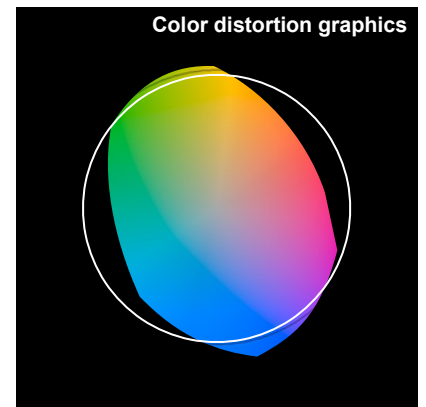
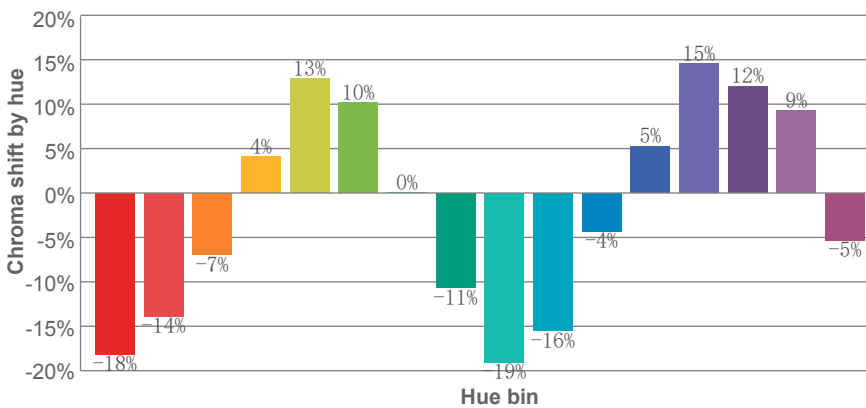
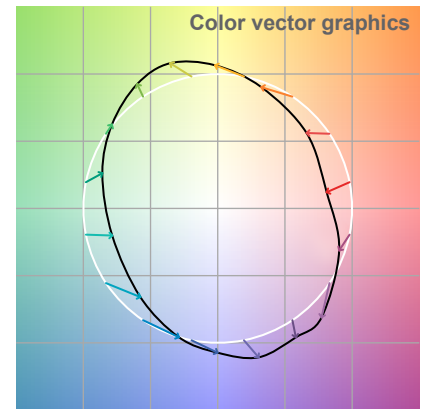
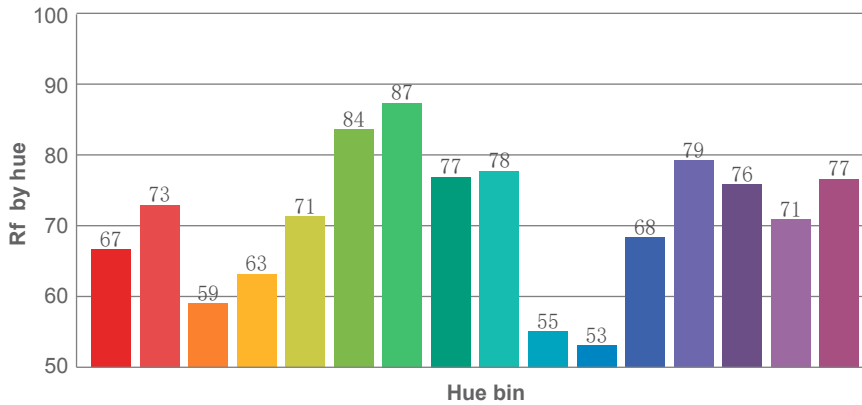
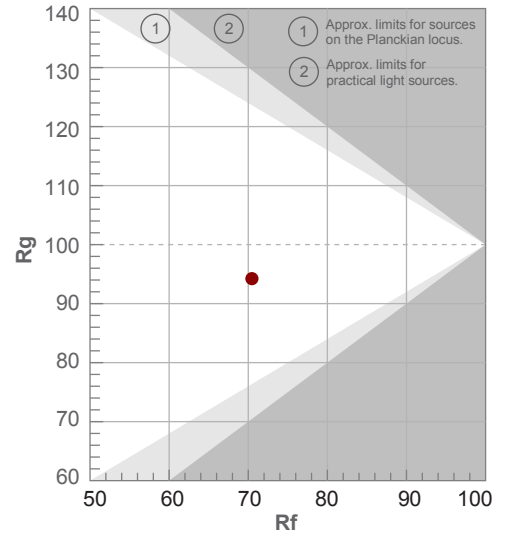
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
6355 K	70.5	-30.7	70.5	94.2	68.0	0.316	0.327	0.201	0.312	0.0026

TM-30 DETAILS

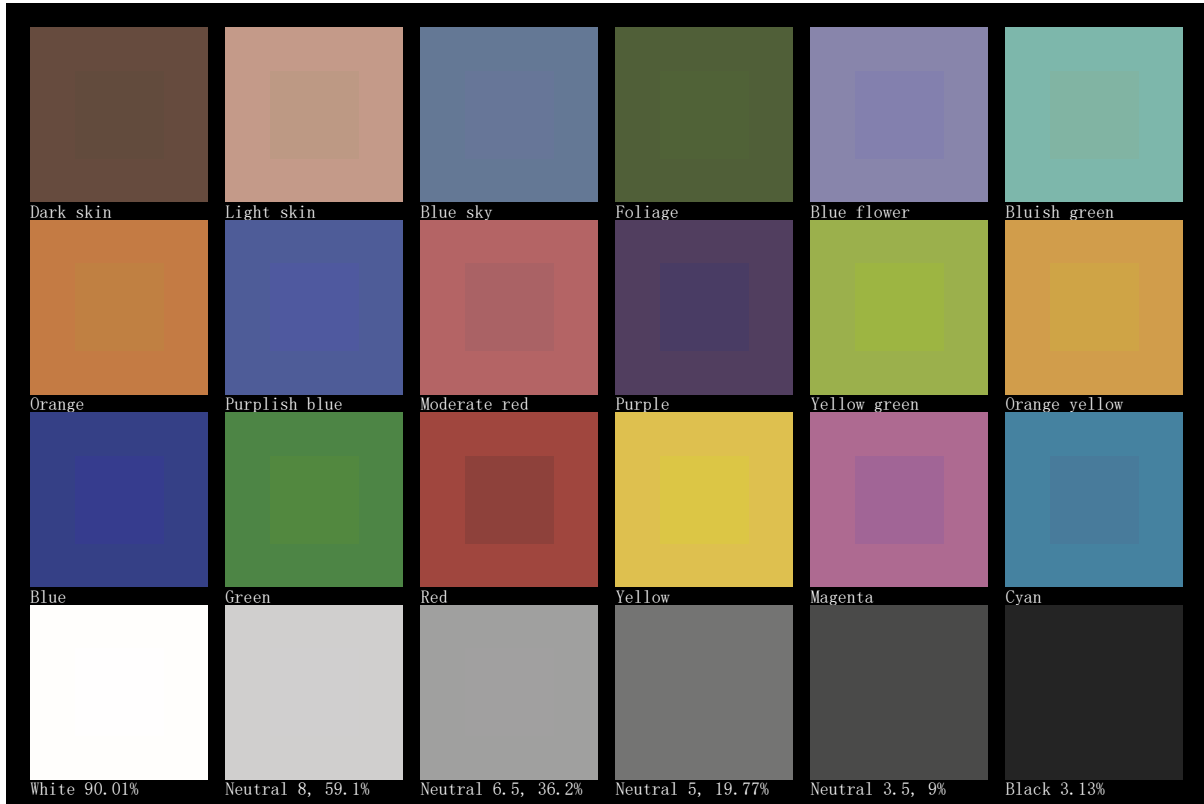
Rf 70.5
Fidelity index Rf

Rg 94.2
Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	67	-18%	-4%
2	73	-14%	10%
3	59	-7%	23%
4	63	4%	23%
5	71	13%	14%
6	84	10%	-2%
7	87	0%	-8%
8	77	-11%	-9%
9	78	-19%	4%
10	55	-16%	23%
11	53	-4%	29%
12	68	5%	21%
13	79	15%	8%
14	76	12%	-5%
15	71	9%	-25%
16	77	-5%	-13%



TLCI 47





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