



EAGLESTRIKE LT

PHOTOMETRY



AYRTON

Digital Lighting



Total Flux	55,000 lm (@zoom 128, fan mode STAGE, Sphere)
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CCT @LED engin	8200 (±250 K)
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CCT @open	6500 (±350 K)
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Ra @open	70 (±2)
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TLCI	46
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TM-30	Rf: 70 / Rg: 94
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Fan Mode	Noise Level (dBA)	by Goniometer (lm)	by Sphere (lm)
Auto	47	48,000	54,000
Stage	50	49,000	55,000
Silence	39	33,000	36,000
Super Silence	36	25,000	30,000

Note: noise measured @1m distance, static status, ambient 17 dBA.

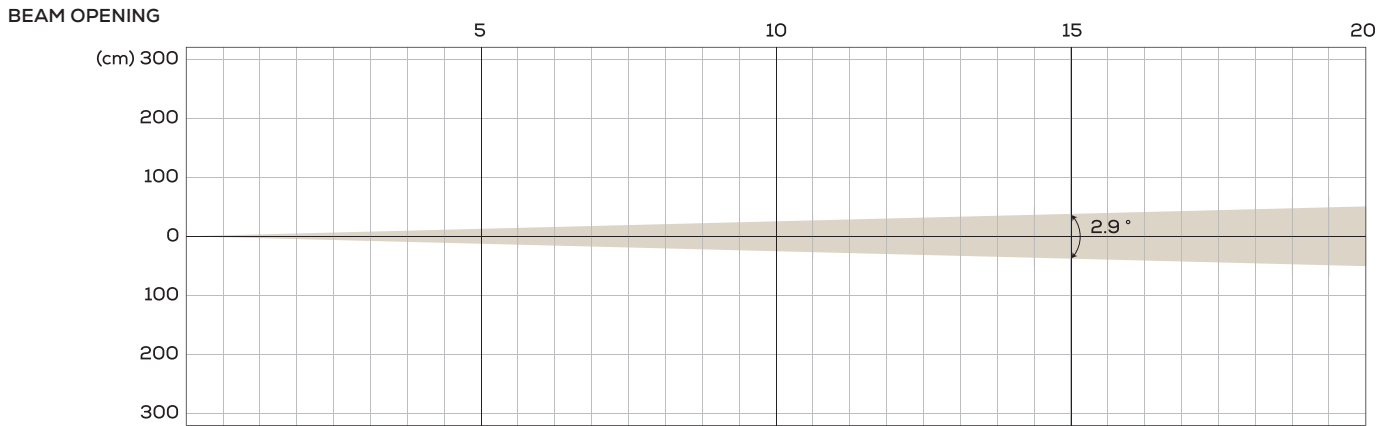
Voltage / Power	100-240 V, 50-60 Hz	1450 W
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Fixture Dimension / Weight	339 x 593 x 298 mm	54.7 kg
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Packing Dimension / Weight	778 x 843 x 568 mm	72.7 kg
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AUTO MODE | NATIVE CRI GREATER THAN 70

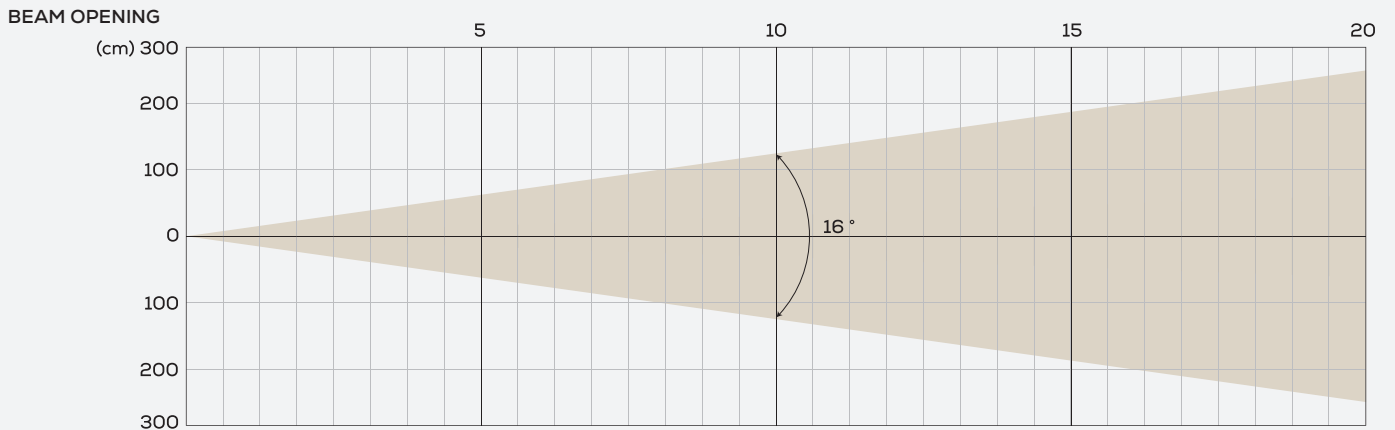
MIN ZOOM



INTENSITY

Distance (m)	5		10		15		20		50		100	
	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	440000	0.25	110000	0.51	48044	0.76	27500	1.01	4400	2.53	1100	5.06

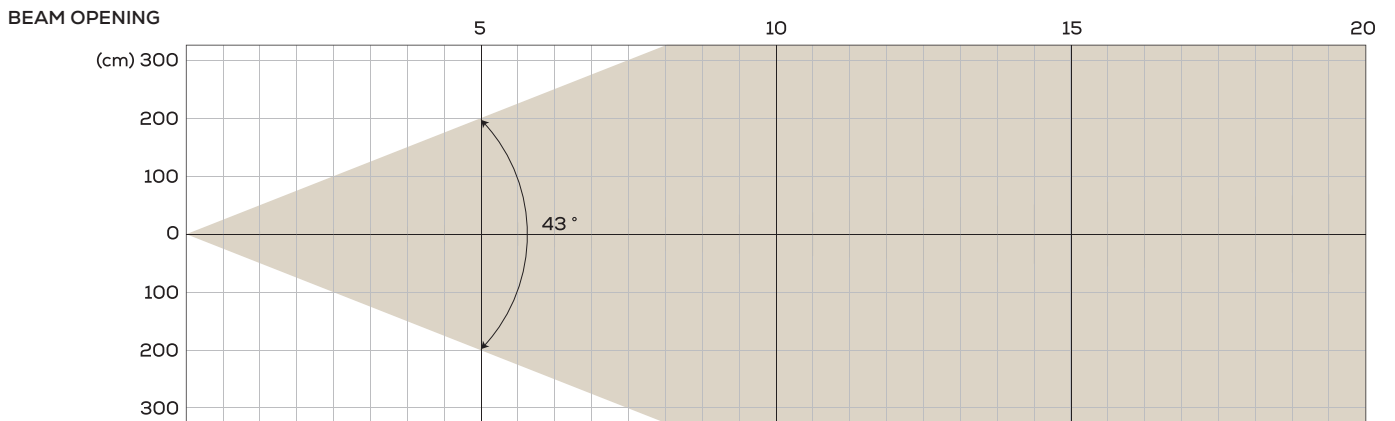
MIDDLE ZOOM



INTENSITY

Distance (m)	5		10		15		20		50		100	
	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	38800	1.41	9700	2.81	4222	4.22	2425	5.62	388	14.05	97	28.11

MAX ZOOM

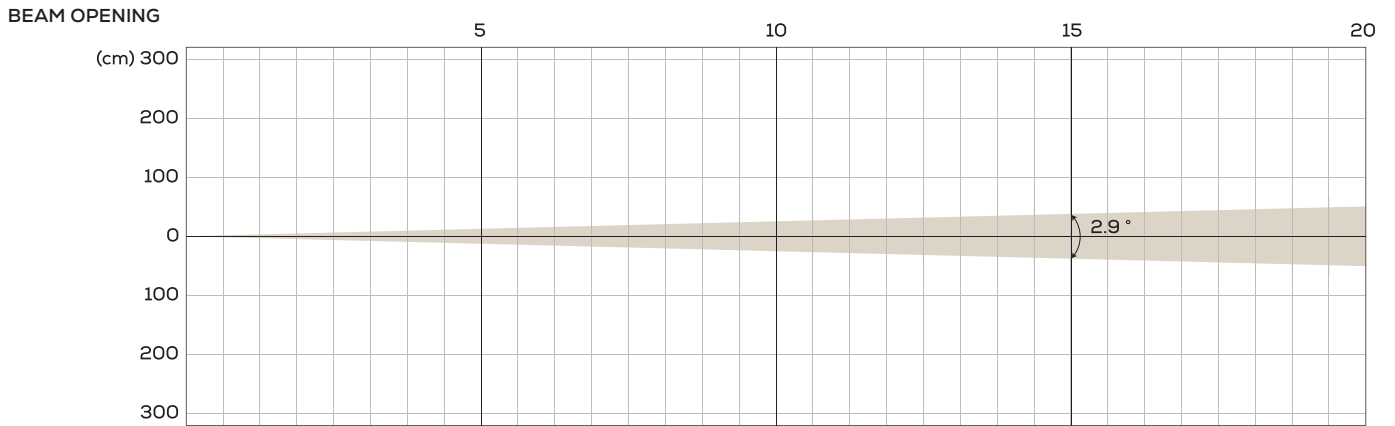


INTENSITY

Distance (m)	5		10		15		20		50		100	
	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	5200	3.94	1300	7.88	578	11.82	325	15.76	50	39.39	13	78.78

STAGE MODE | NATIVE CRI GREATER THAN 70

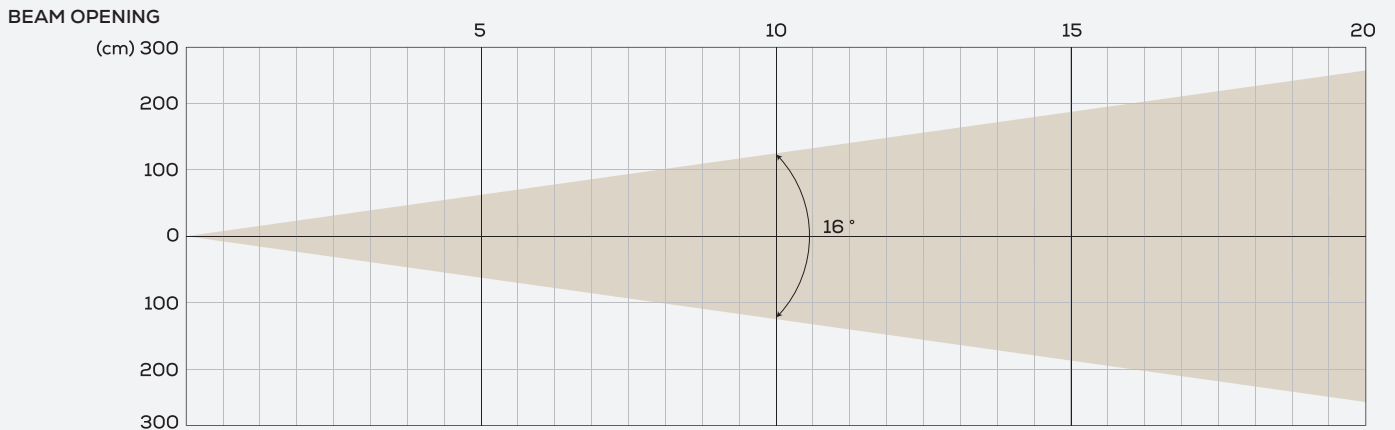
MIN ZOOM



INTENSITY

Distance (m)	5		10		15		20		50		100	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	460000	0.25	115000	0.51	51111	0.76	28750	1.01	4600	2.53	1150	5.06

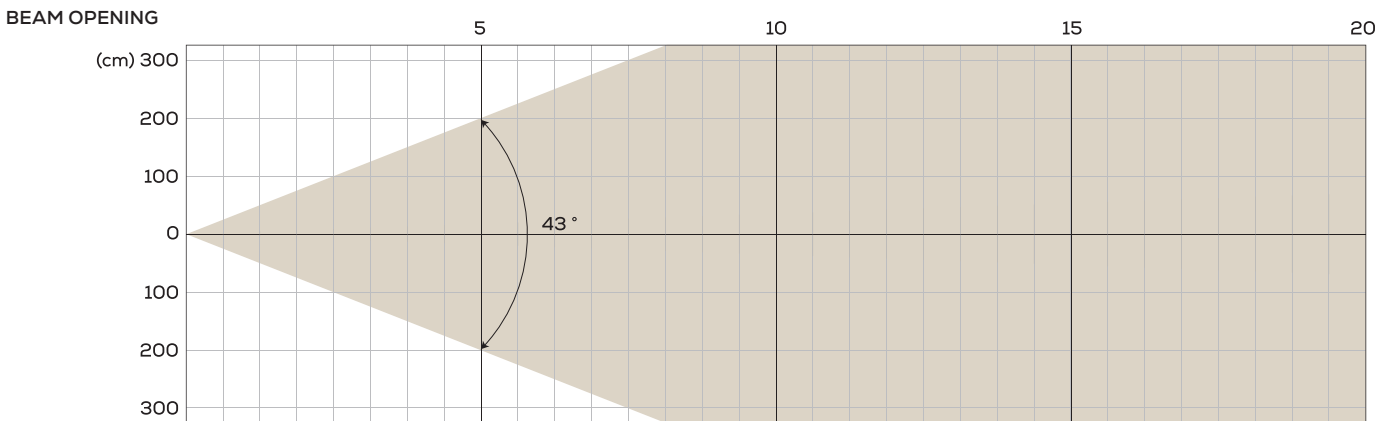
MIDDLE ZOOM



INTENSITY

Distance (m)	5		10		15		20		50		100	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	39200	1.41	9800	2.81	4356	4.22	2450	5.62	392	14.05	98	28.11

MAX ZOOM

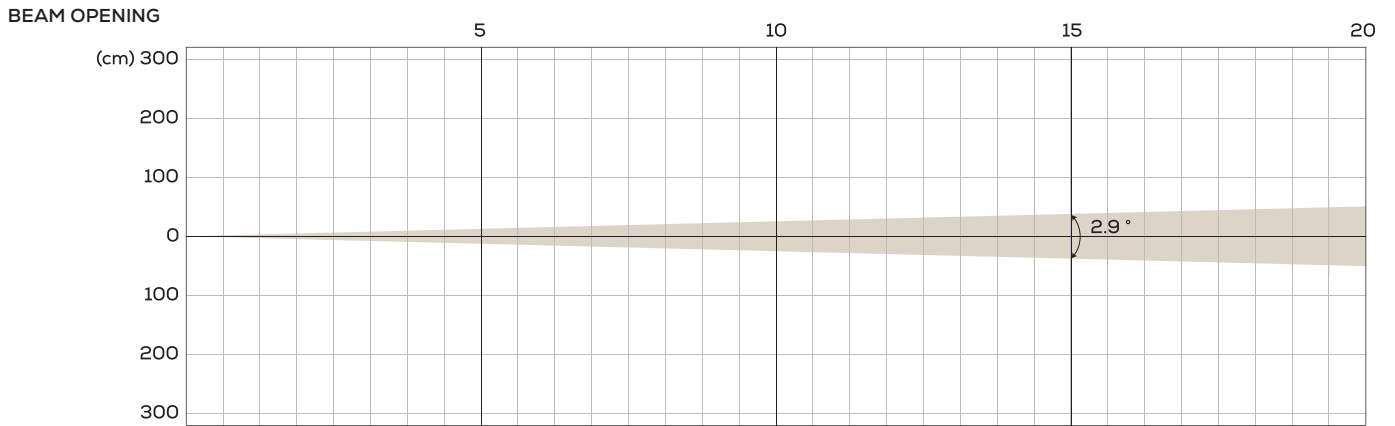


INTENSITY

Distance (m)	5		10		15		20		50		100	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	5200	3.94	1300	7.88	578	11.82	325	15.76	50	39.39	13	78.78

SILENCE MODE | NATIVE CRI GREATER THAN 70

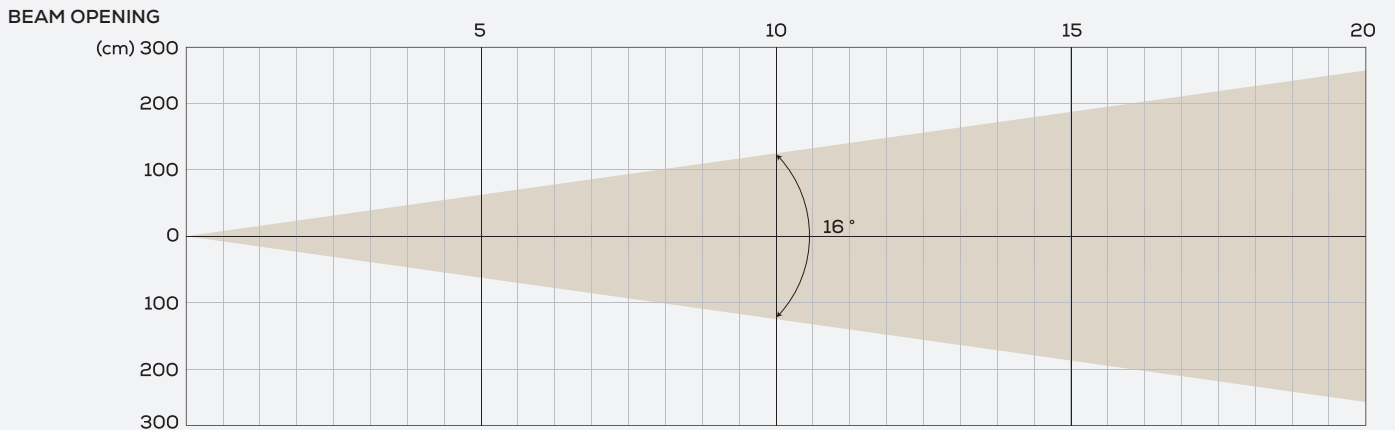
MIN ZOOM



INTENSITY

Distance (m)	5		10		15		20		50		100	
	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	304000	0.25	76000	0.51	33778	0.76	19000	1.01	3040	2.53	760	5.06

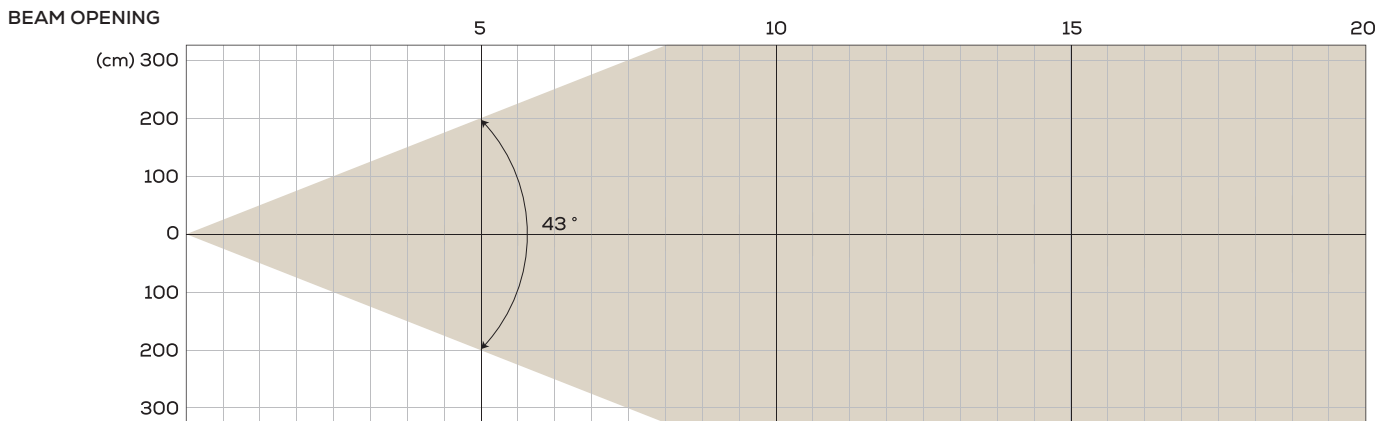
MIDDLE ZOOM



INTENSITY

Distance (m)	5		10		15		20		50		100	
	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	26800	1.41	6700	2.81	2978	4.22	1675	5.62	268	14.05	67	28.11

MAX ZOOM

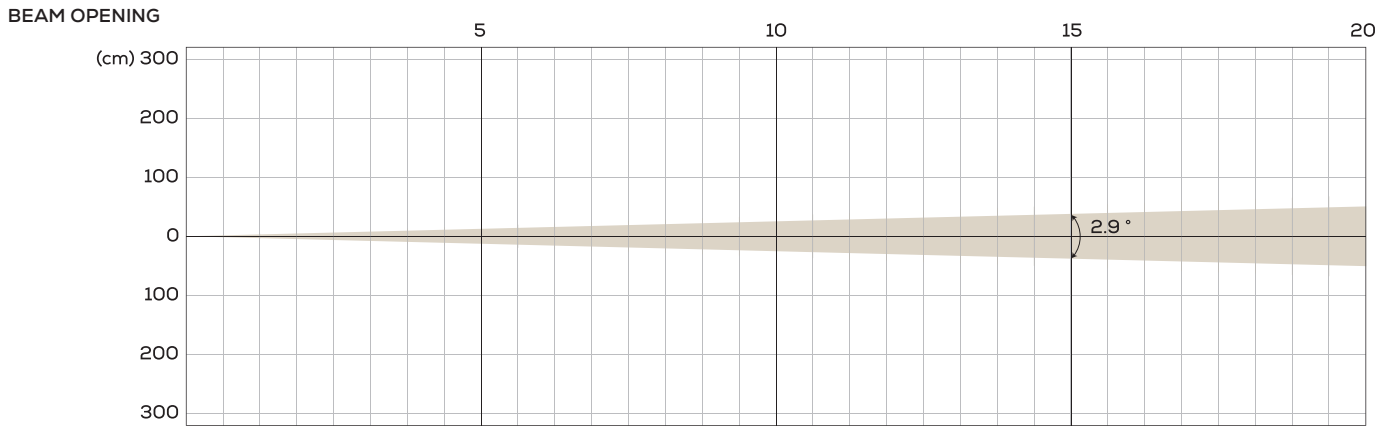


INTENSITY

Distance (m)	5		10		15		20		50		100	
	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	3520	3.94	880	7.88	391	11.82	220	15.76	35	39.39	9	78.78

SUPER SILENCE MODE | NATIVE CRI GREATER THAN 70

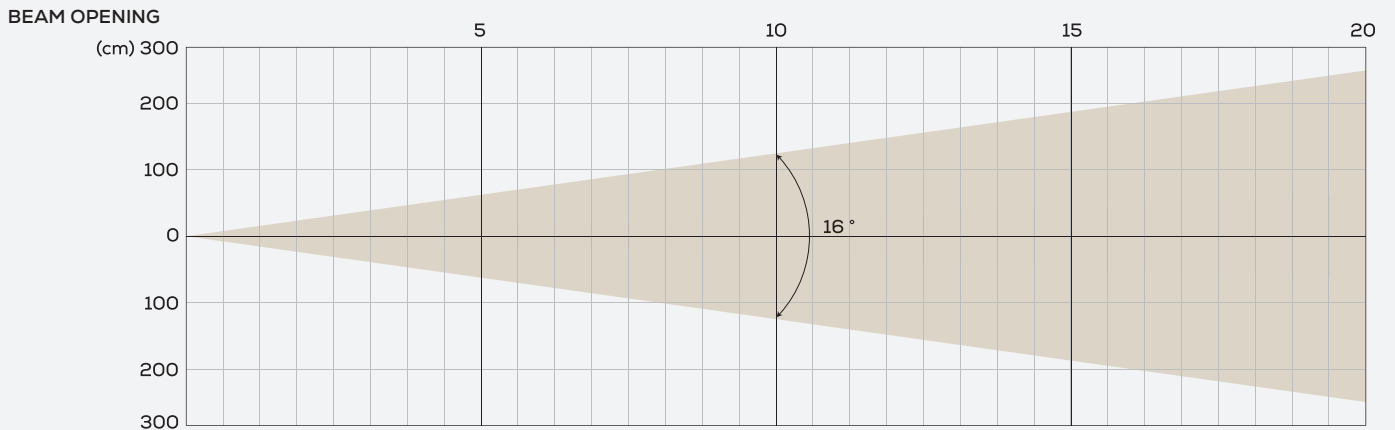
MIN ZOOM



INTENSITY

Distance (m)	5		10		15		20		50		100	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	216000	0.25	54000	0.51	24000	0.76	13500	1.01	2160	2.53	540	5.06

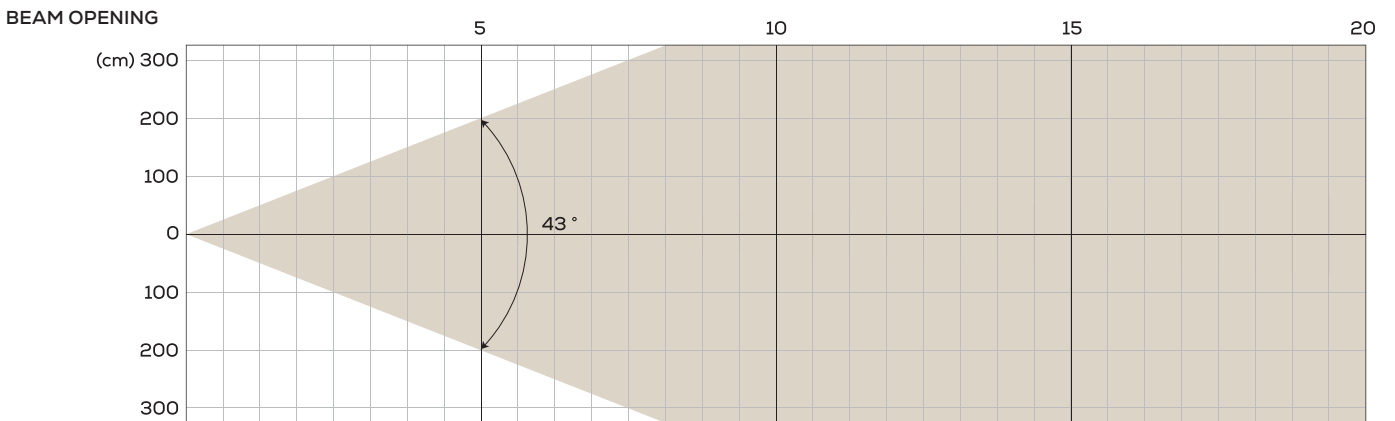
MIDDLE ZOOM



INTENSITY

Distance (m)	5		10		15		20		50		100	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	20000	1.41	5000	2.81	2222	4.22	1250	5.62	200	14.05	50	28.11

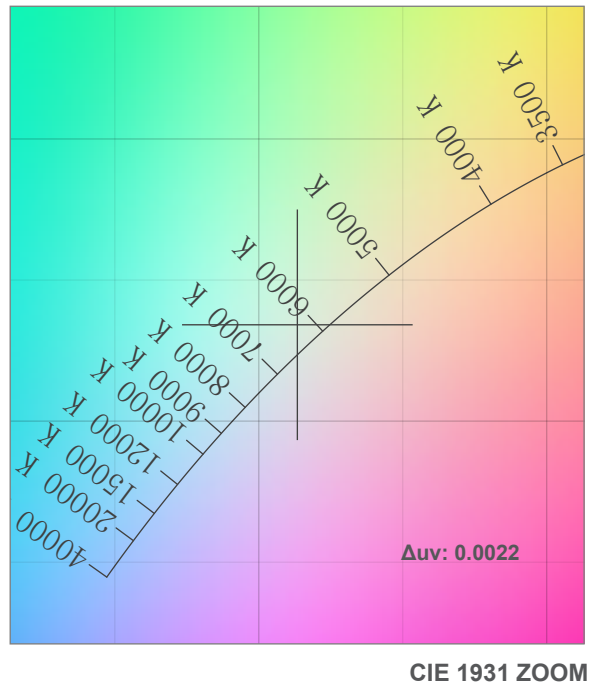
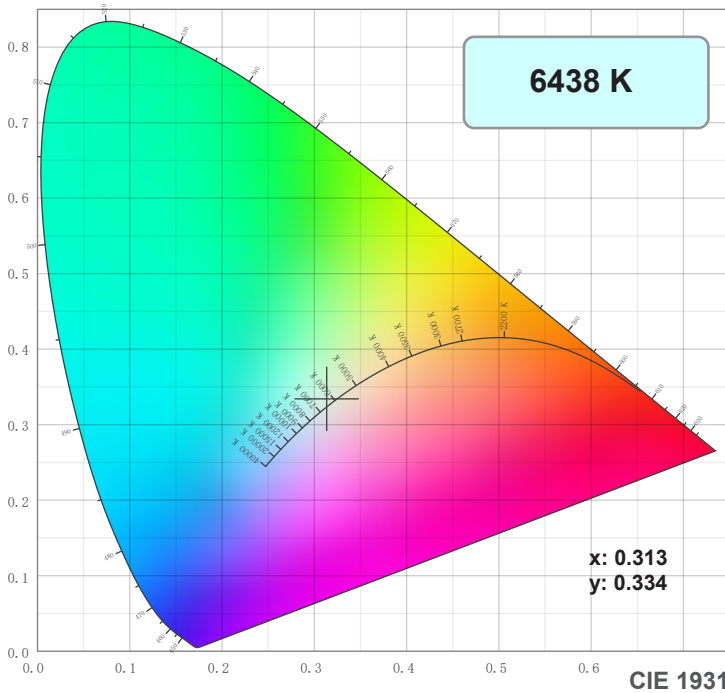
MAX ZOOM



INTENSITY

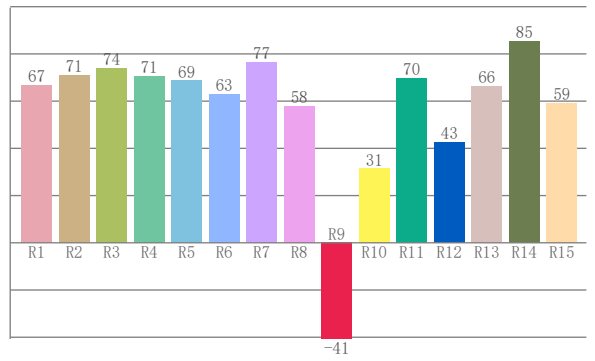
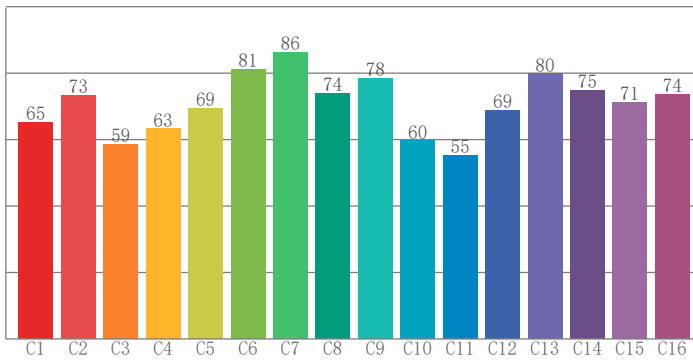
Distance (m)	5		10		15		20		50		100	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	2640	3.94	660	7.88	293	11.82	165	15.76	26	39.39	7	78.78

COLOUR DETAILS



TM-30: 70.1

CRI: 68.5 (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
66.6	71.0	74.0	70.7	68.7	62.9	76.6	57.7	-40.7	31.4	69.9	42.7	66.2	85.3	59.0

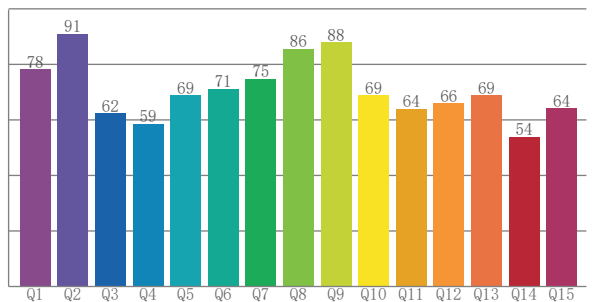
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
65.3	73.4	58.7	63.2	69.3	81.3	86.2	73.8	78.5	59.6	55.1	68.8	79.8	74.9	71.3	73.7

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
78.3	91.0	62.4	58.6	68.9	71.3	74.8	85.5	88.0	68.8	64.1	66.0	68.8	54.0	64.2

CQS: 69.2



Color parameters

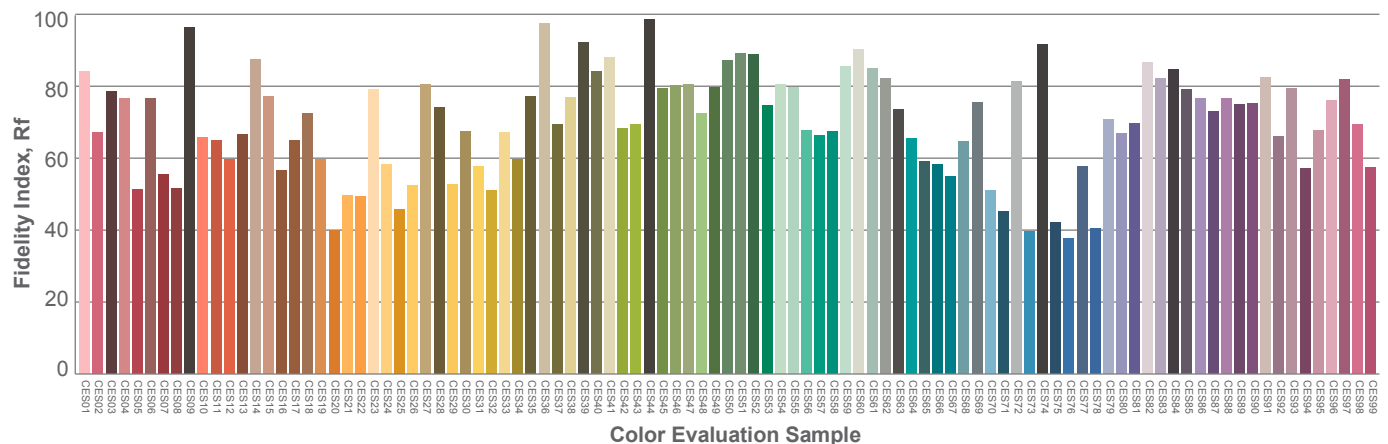
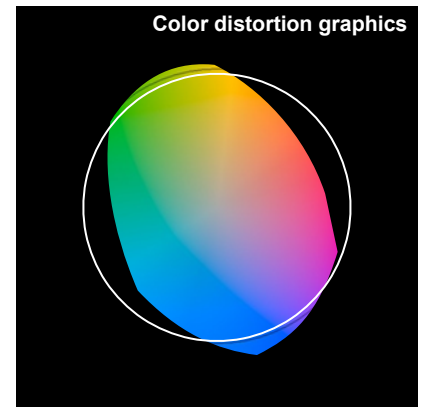
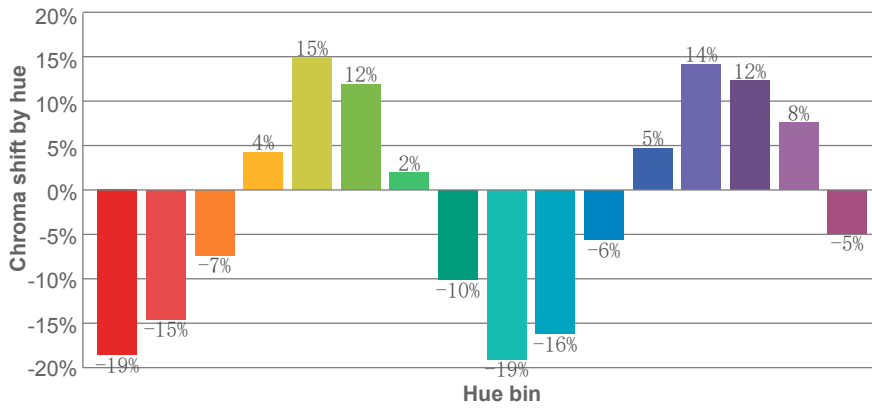
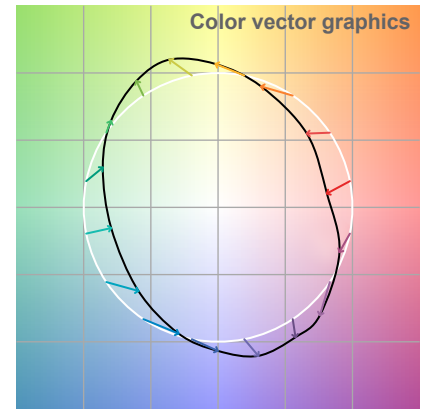
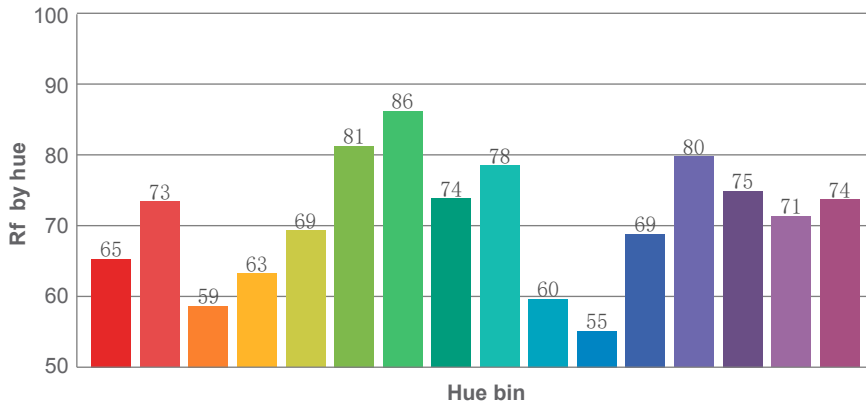
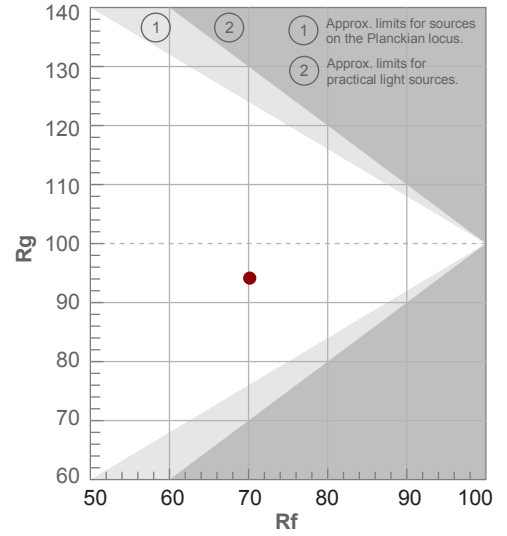
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
6438 K	68.5	-40.7	70.1	94.1	69.2	0.313	0.334	0.196	0.314	0.0022

TM-30 DETAILS

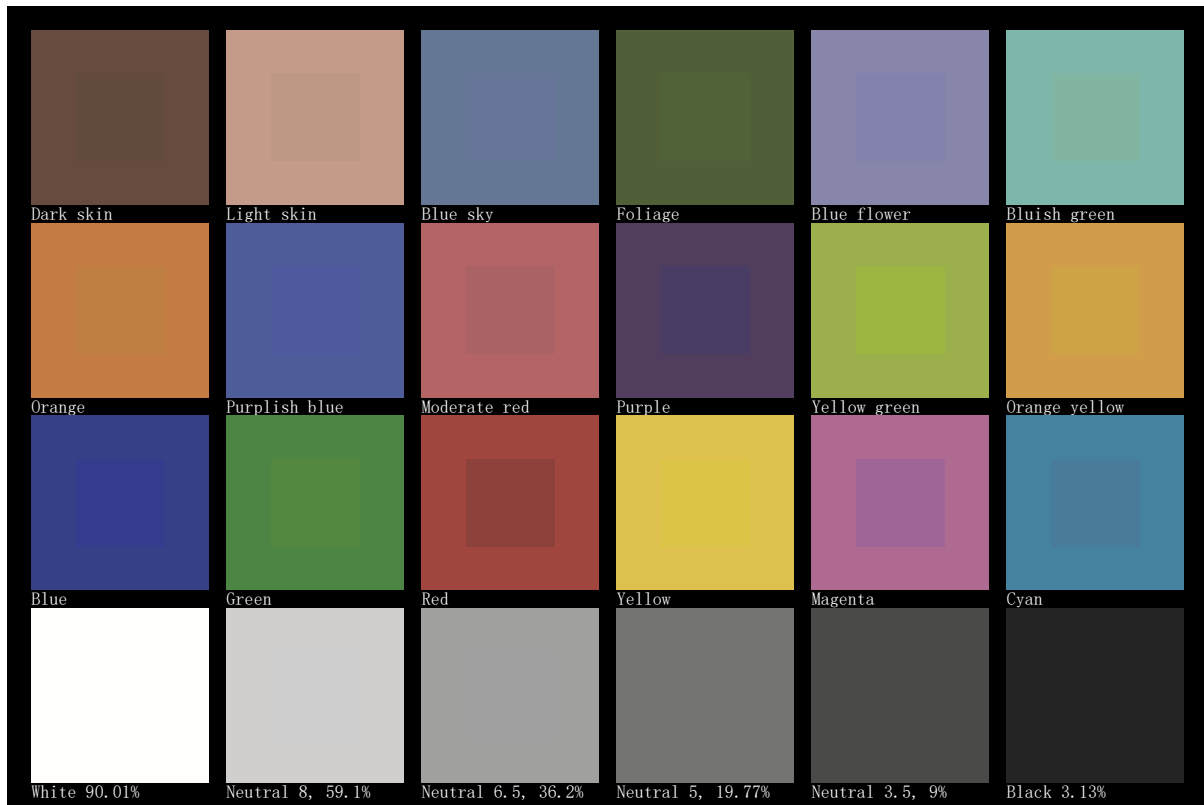
Rf 70.1
Fidelity index Rf

Rg 94.1
Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	65	-19%	-6%
2	73	-15%	9%
3	59	-7%	23%
4	63	4%	23%
5	69	15%	14%
6	81	12%	-2%
7	86	2%	-9%
8	74	-10%	-12%
9	78	-19%	0%
10	60	-16%	19%
11	55	-6%	28%
12	69	5%	21%
13	80	14%	8%
14	75	12%	-6%
15	71	8%	-25%
16	74	-5%	-15%



TLCI 47





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