



VELOCE PROFILE TC

PHOTOMETRY



AYRTON

Digital Lighting



Total Flux	22,620 lm (@zoom 128, fan mode STAGE, Sphere)
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CCT @ light source engine	7500 (±400K)
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CCT @ open	6000 (±400K)
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Ra @ open	97 (±2)
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TLCI	98
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TM-30	Rf: 93 Rg: 101
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Fan Mode	Noise Level (dBA)	by Goniometer (lm)	by Sphere (lm)
Auto	43.5	18,600	22,300
Stage	47.6	18,850	22,600
Silence	36.1	13,300	16,000
Super Silence	32.5	6,450	7,750

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

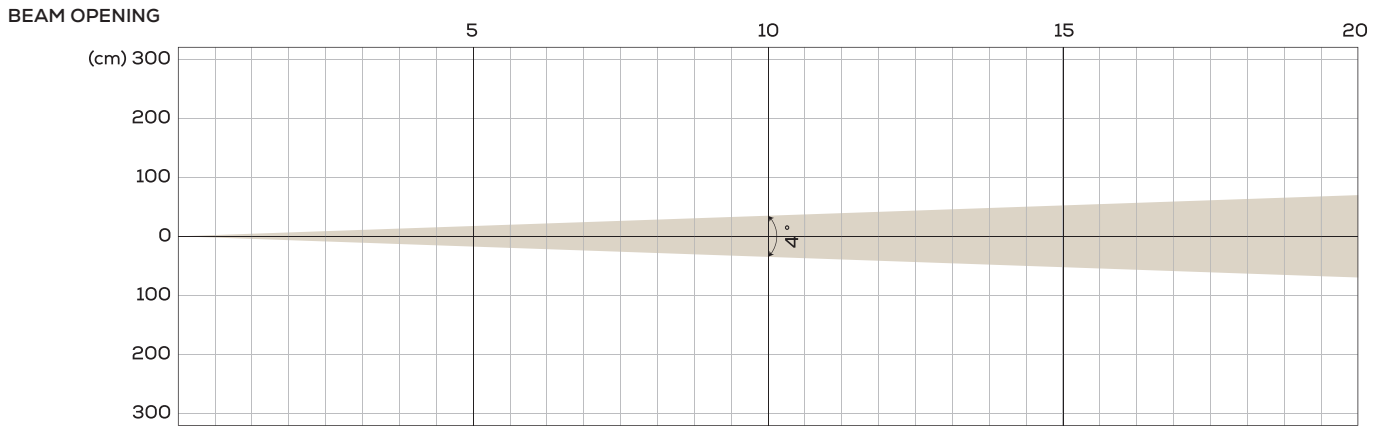
Voltage / Power	100-240 V, 50-60 Hz	1,300 W
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Fixture Dimension / Weight	404 x 757 x 366 mm	40.5 kg
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Packing Dimension / Weight	695 x 740 x 515 mm	55.5 kg
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AUTO MODE | NATIVE CRI GREATER THAN 97

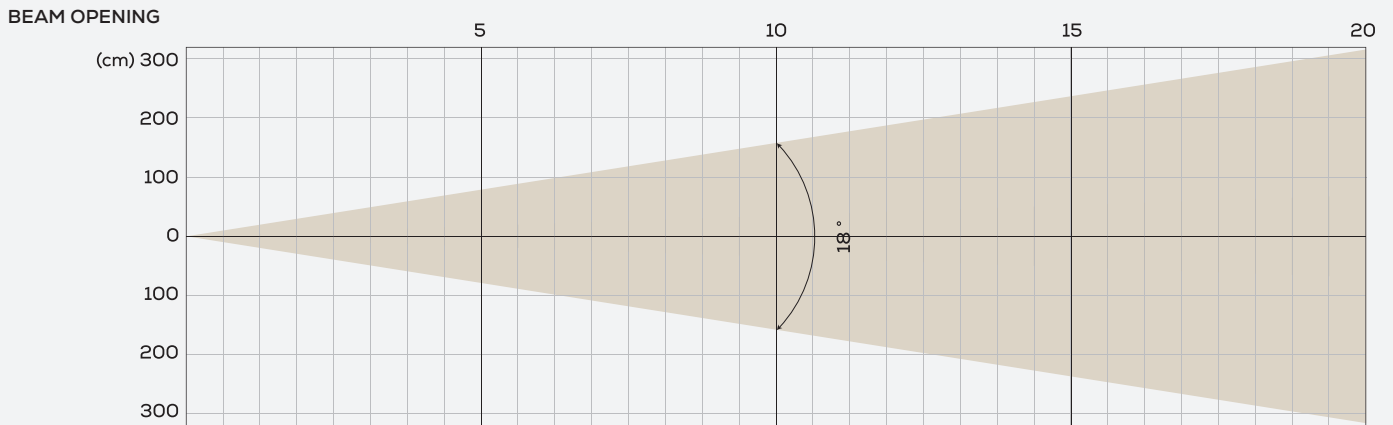
MIN ZOOM



INTENSITY

Distance (m)	5		10		15		20	
	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	74154	0.35	18538	0.7	8239	1.05	4635	1.4

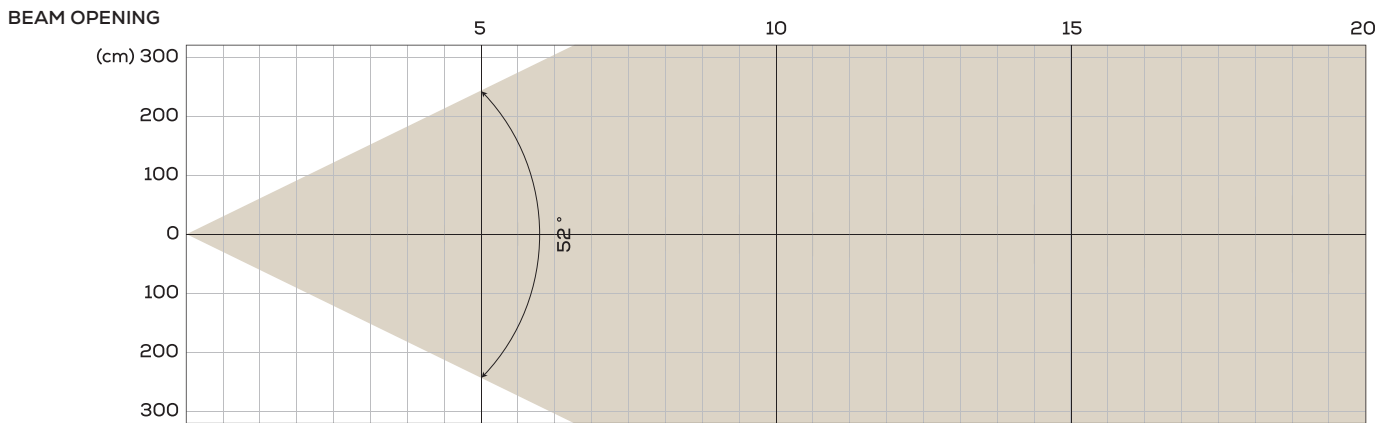
MIDDLE ZOOM



INTENSITY

Distance (m)	5		10		15		20	
	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	11743	1.58	2936	3.17	1305	4.75	734	6.34

MAX ZOOM

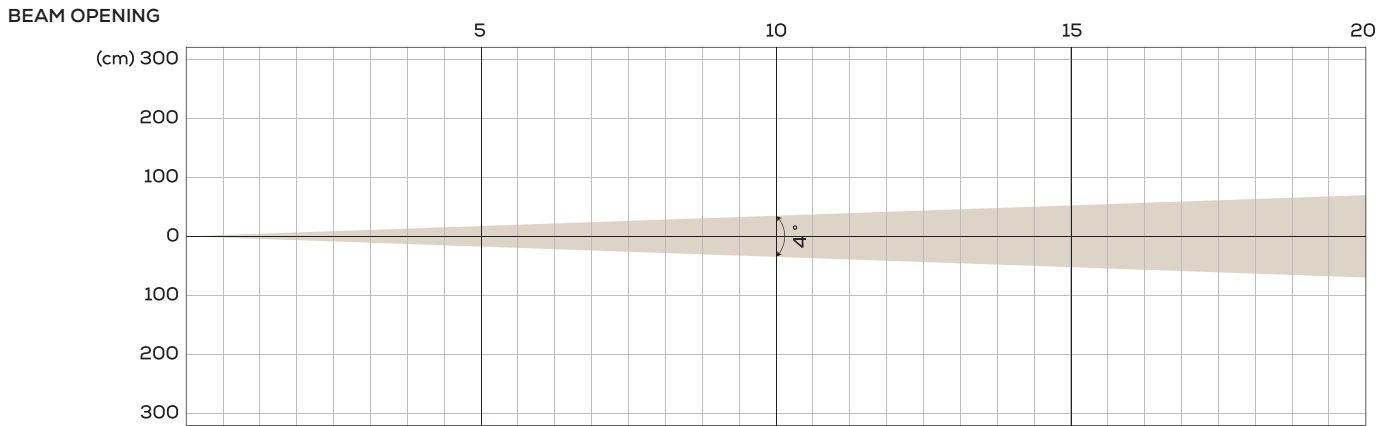


INTENSITY

Distance (m)	5		10		15		20	
	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	1298	4.88	324	9.75	144	14.63	81	19.51

STAGE MODE | NATIVE CRI GREATER THAN 97

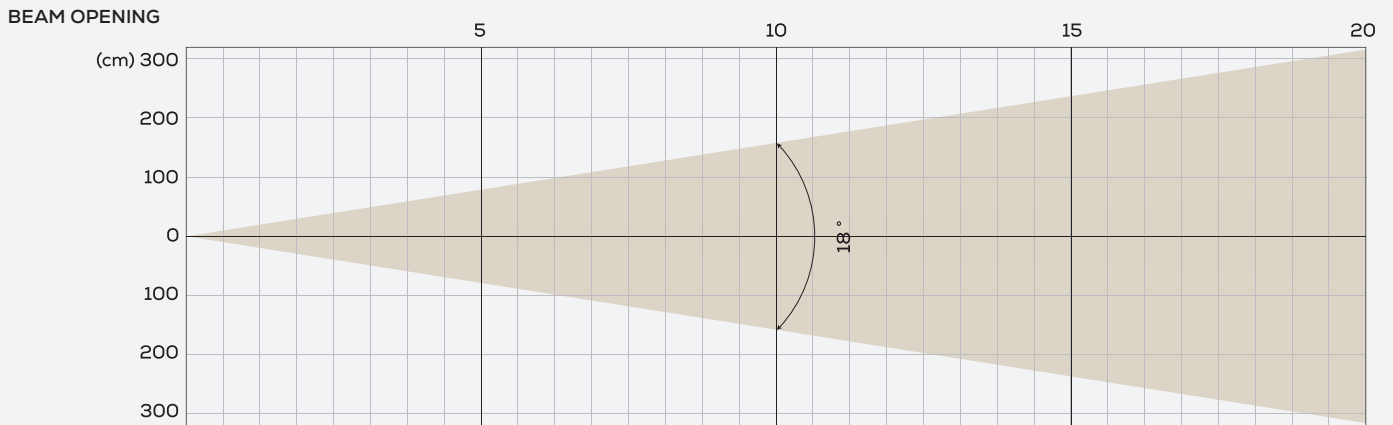
MIN ZOOM



INTENSITY

Distance (m)	5		10		15		20	
	unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux
White	74760	0.35	18690	0.7	8307	1.05	4673	1.4

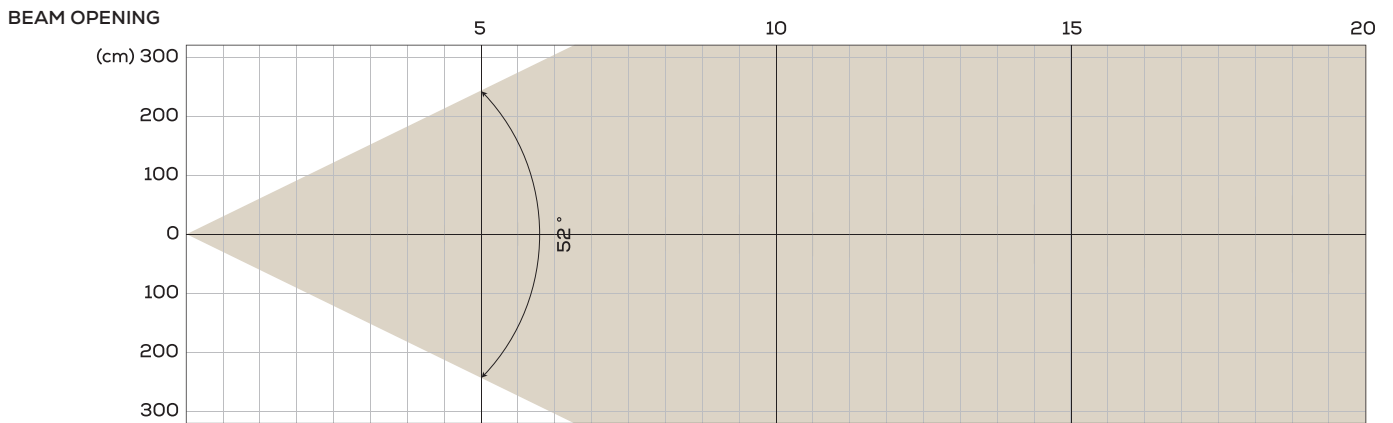
MIDDLE ZOOM



INTENSITY

Distance (m)	5		10		15		20	
	unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux
White	11933	1.58	2983	3.17	1326	4.75	746	6.34

MAX ZOOM

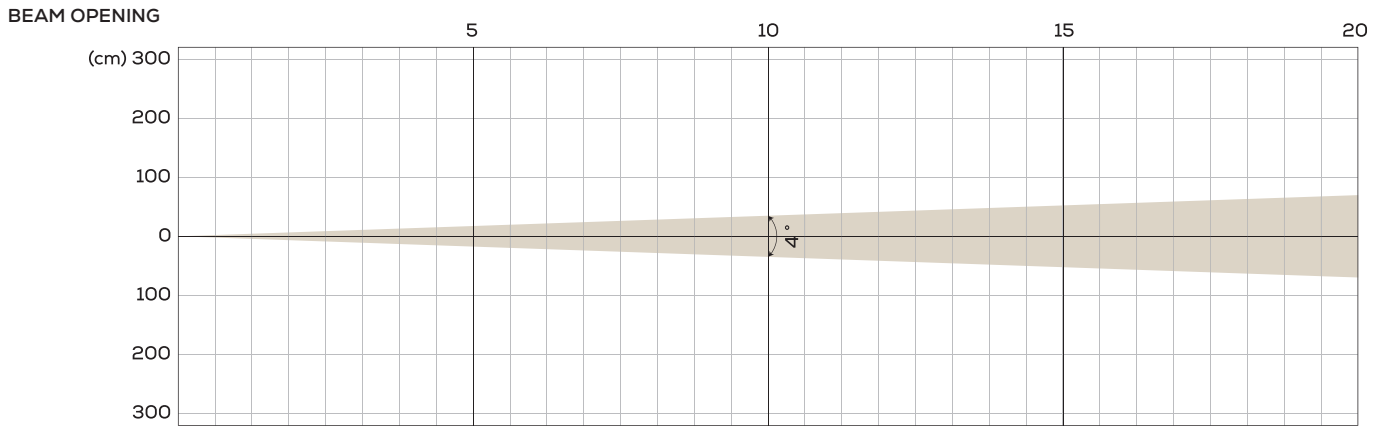


INTENSITY

Distance (m)	5		10		15		20	
	unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux
White	1334	4.88	334	9.75	148	14.63	83	19.51

SILENCE MODE | NATIVE CRI GREATER THAN 97

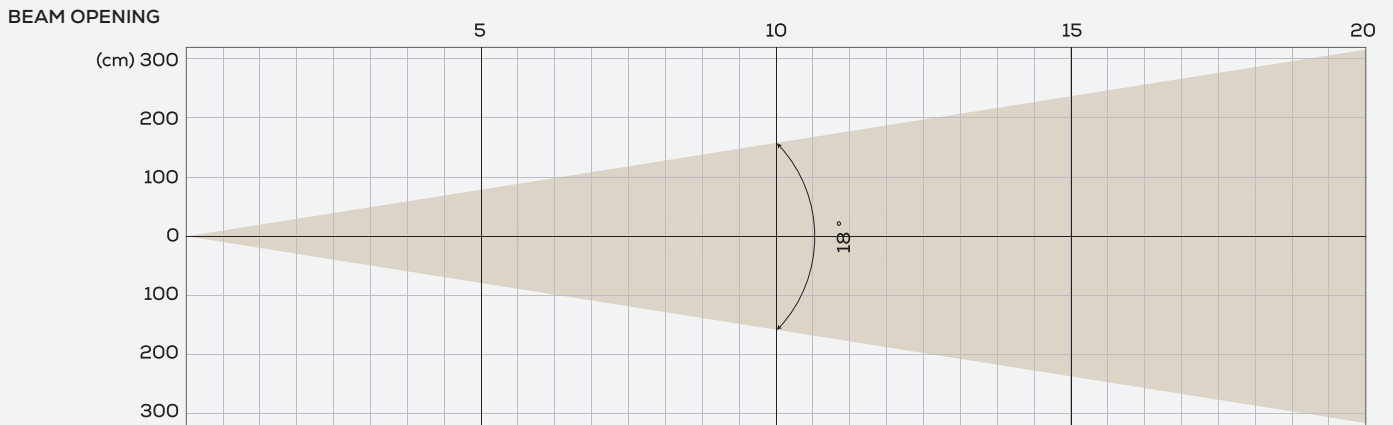
MIN ZOOM



INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	53824	0.35	13456	0.7	5980	1.05	3364	1.4

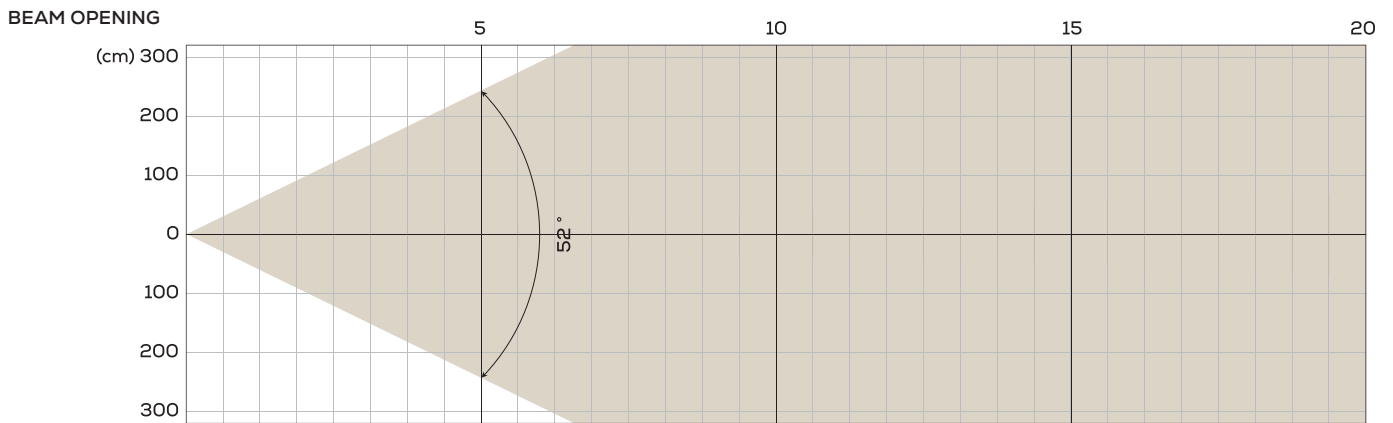
MIDDLE ZOOM



INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	8407	1.58	2102	3.17	934	4.75	525	6.34

MAX ZOOM

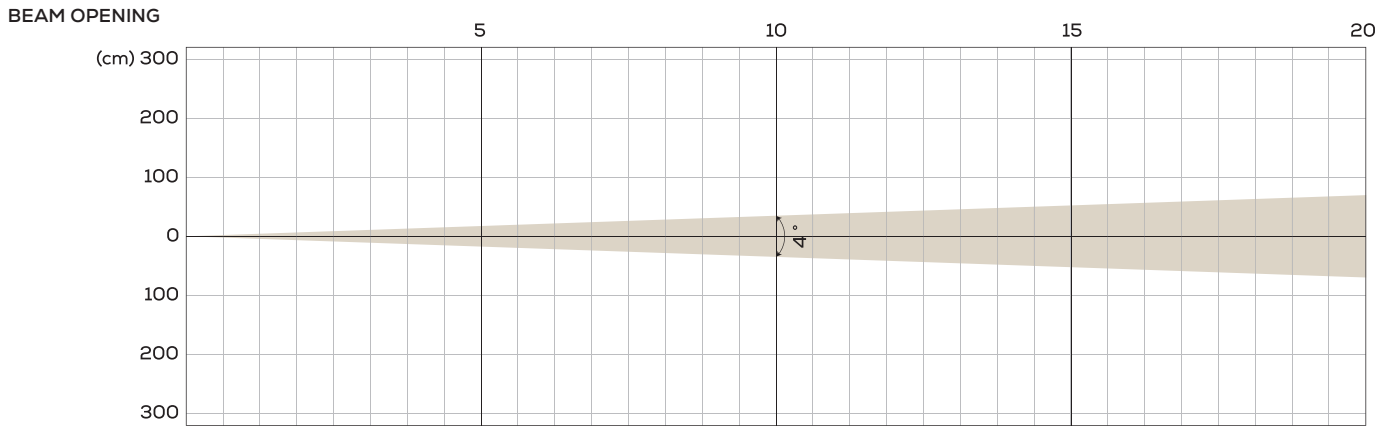


INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	967	4.88	242	9.75	107	14.63	60	19.51

SUPER SILENCE MODE | NATIVE CRI GREATER THAN 97

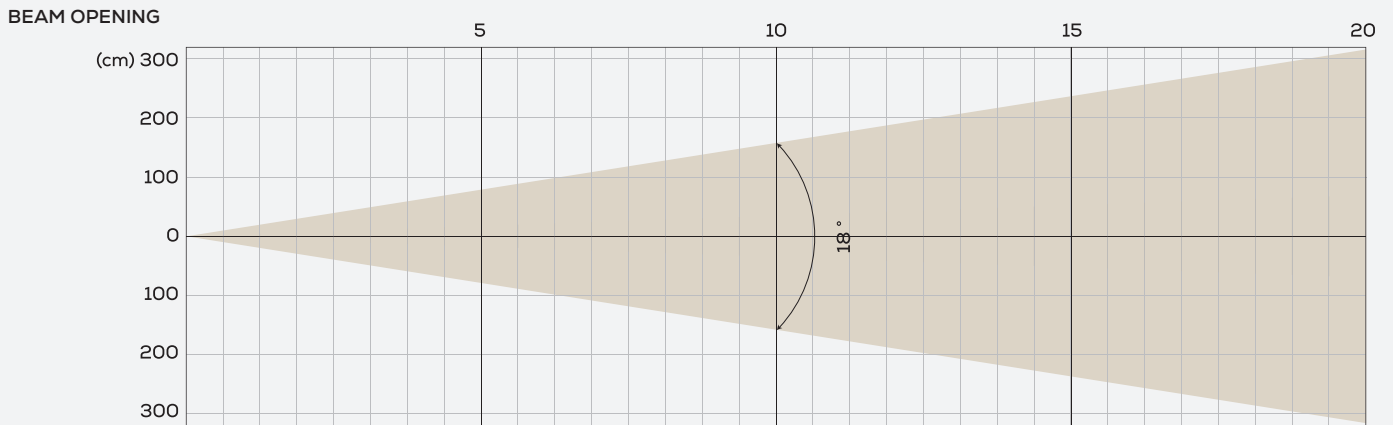
MIN ZOOM



INTENSITY

Distance (m)	5		10		15		20	
	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	25382	0.35	6346	0.7	2820	1.05	1586	1.4

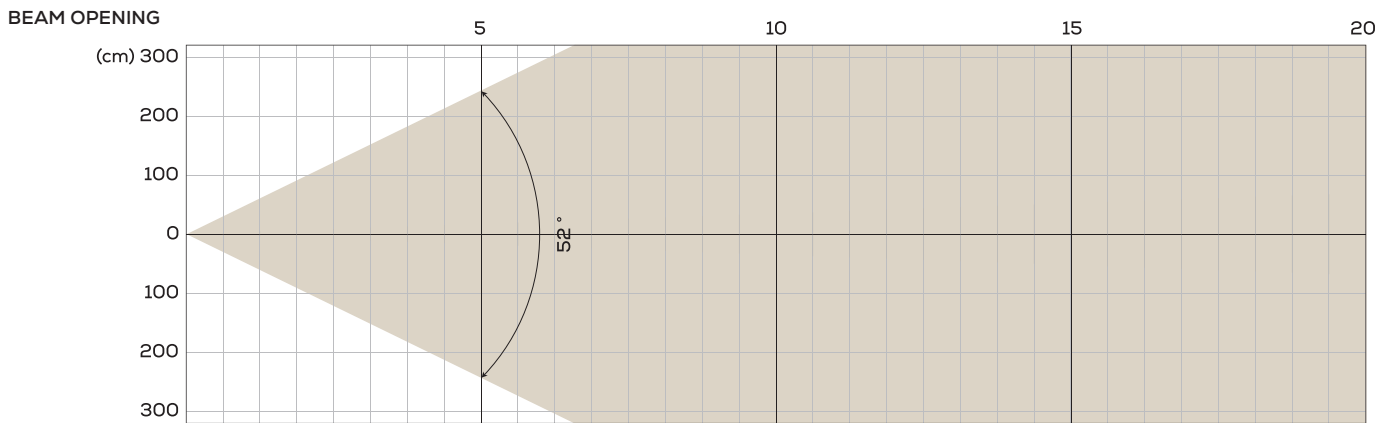
MIDDLE ZOOM



INTENSITY

Distance (m)	5		10		15		20	
	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	3977	1.58	994	3.17	442	4.75	249	6.34

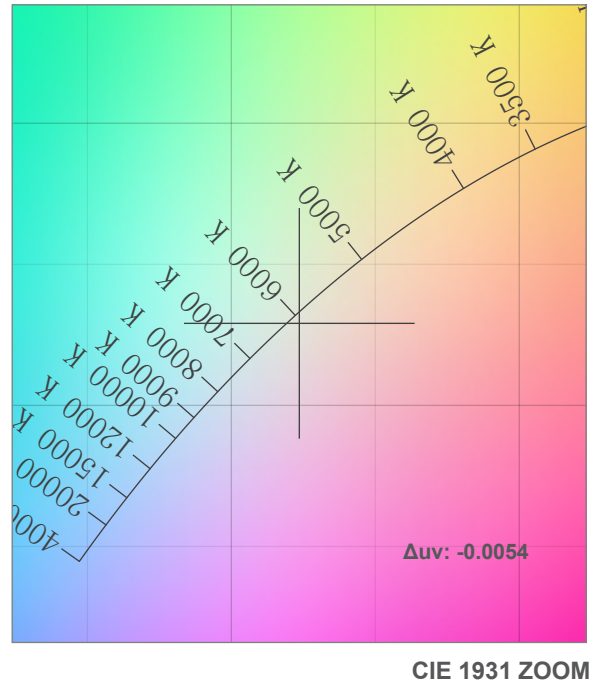
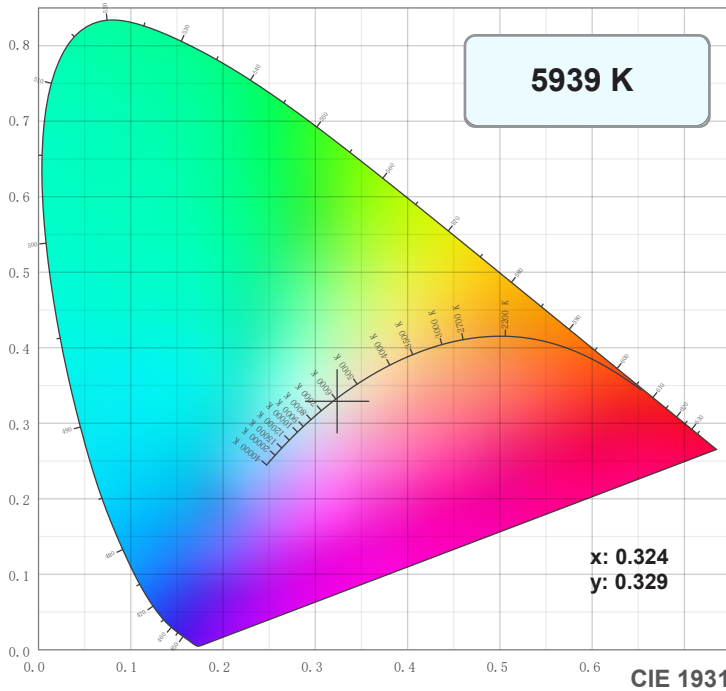
MAX ZOOM



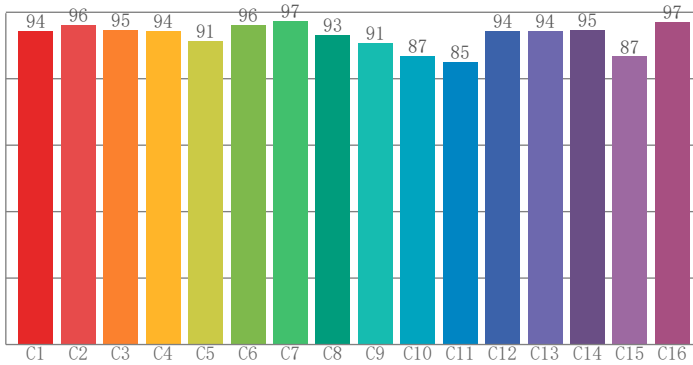
INTENSITY

Distance (m)	5		10		15		20	
	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	444	4.88	111	9.75	49	14.63	28	19.51

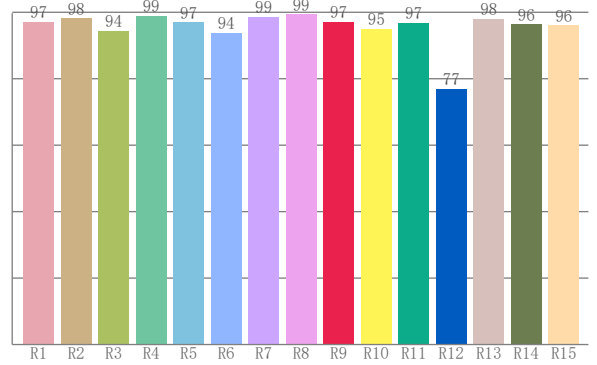
COLOUR DETAILS



TM-30: 92.7



CRI: 97.2 (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
97.1	98.2	94.3	98.8	97.0	93.7	98.7	99.4	97.1	95.1	96.8	77.0	98.0	96.3	96.1

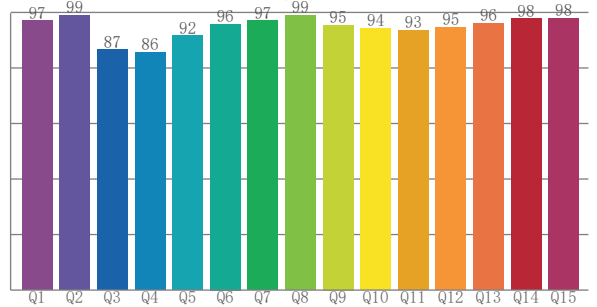
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.3	96.2	94.5	94.4	91.4	96.3	97.4	93.0	90.8	86.7	85.1	94.3	94.5	94.7	86.7	97.1

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
97.0	99.0	86.6	85.5	91.6	95.8	97.0	98.9	95.5	94.2	93.4	94.7	96.1	97.7	97.8

CQS: 93.4



Color parameters

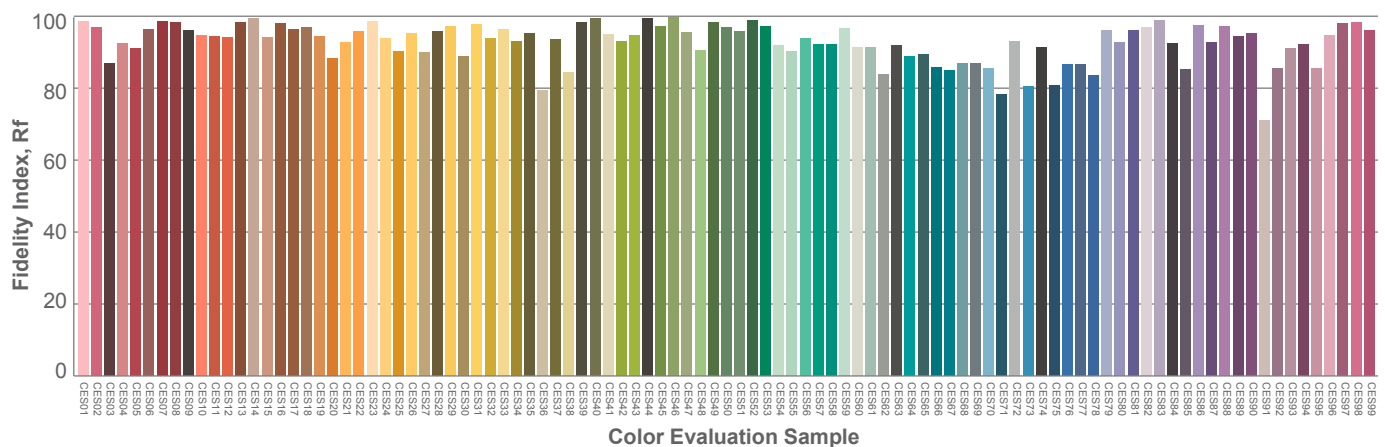
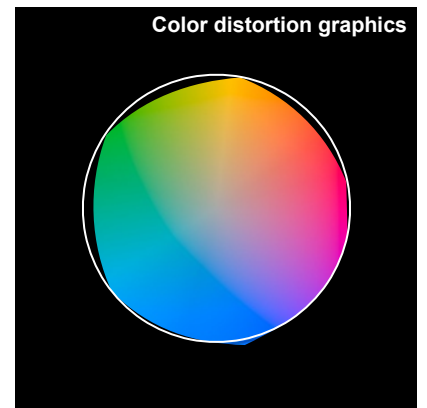
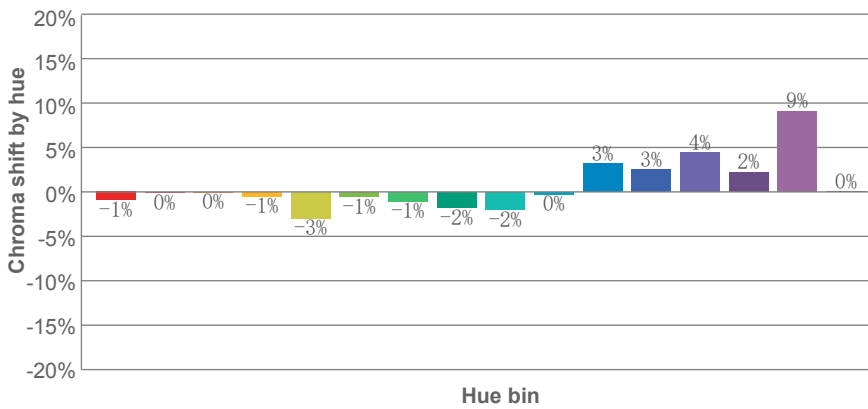
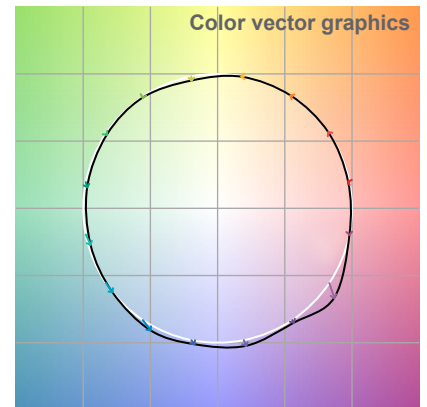
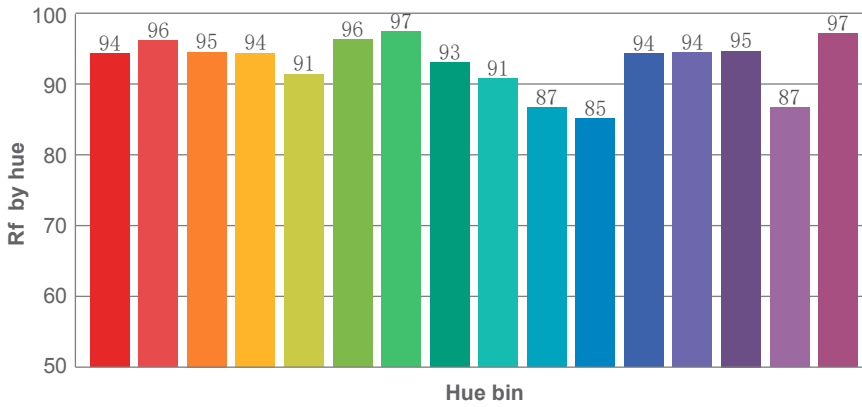
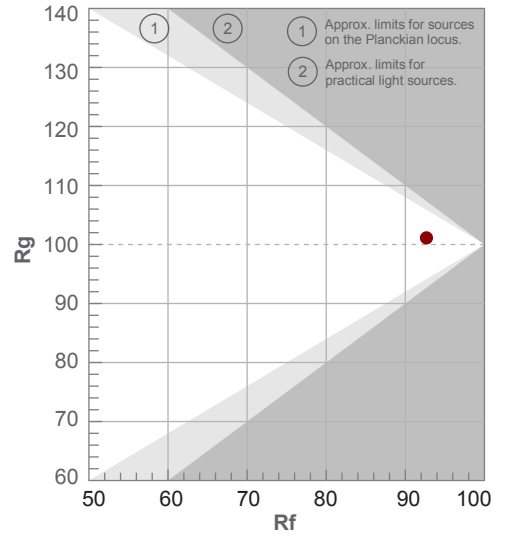
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
5939 K	97.2	97.1	92.7	101.1	93.4	0.324	0.329	0.205	0.313	-0.0054

TM-30 DETAILS

Rf 92.7
Fidelity index Rf

Rg 101.1
Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	94	-1%	1%
2	96	0%	1%
3	95	0%	2%
4	94	-1%	2%
5	91	-3%	1%
6	96	-1%	1%
7	97	-1%	0%
8	93	-2%	4%
9	91	-2%	8%
10	87	0%	8%
11	85	3%	9%
12	94	3%	3%
13	94	4%	1%
14	95	2%	0%
15	87	9%	-7%
16	97	0%	0%



TLCI-98





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