



HURACÁN WASH TC

PHOTOMETRY



AYRTON
Digital Lighting



Total Flux	27106 lm (@zoom 128, fan mode stage, Goniometer)
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CCT @LED engin	6800 (±400K)
CCT @open	6000 (±500K)
Ra @open	95 (±2)
TLCI	97
TM-30	Rf: 91.0 Rg: 100.1

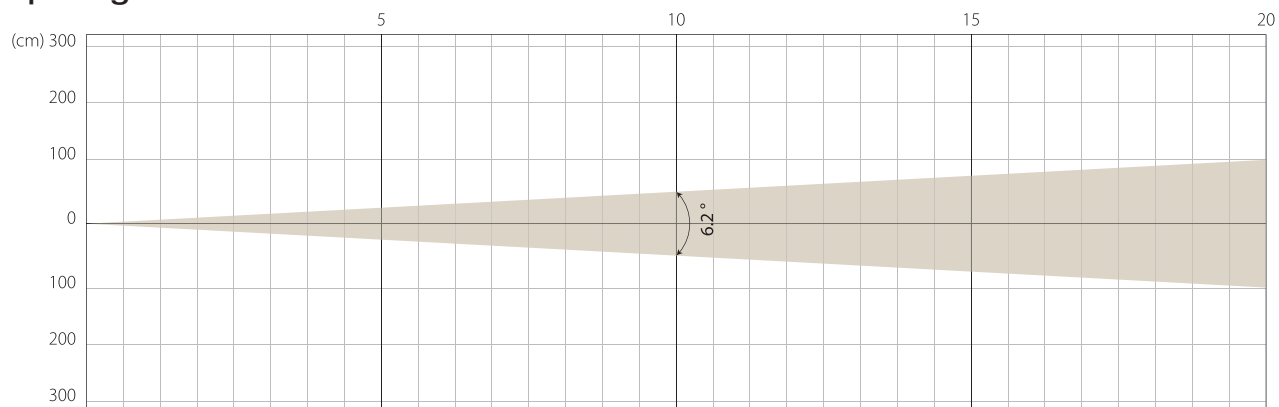
Fan Mode	Noise Level (dBA)	by Goniometer (lm)	by Sphere (lm)
Auto	45,5	26039	32549
Stage	51,2	27106	33883
Silence	38,8	19531	24414
Super Silence	34,1	11697	14621

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

Voltage / Power	100-240V, 50-60Hz	1,470 W
Fixture Dimension / Weight	494 x 789 x 294 mm	42.1 kg
Packing Dimension / Weight	730 x 570 x 710 mm	60.1 kg

MIN ZOOM

Beam Opening

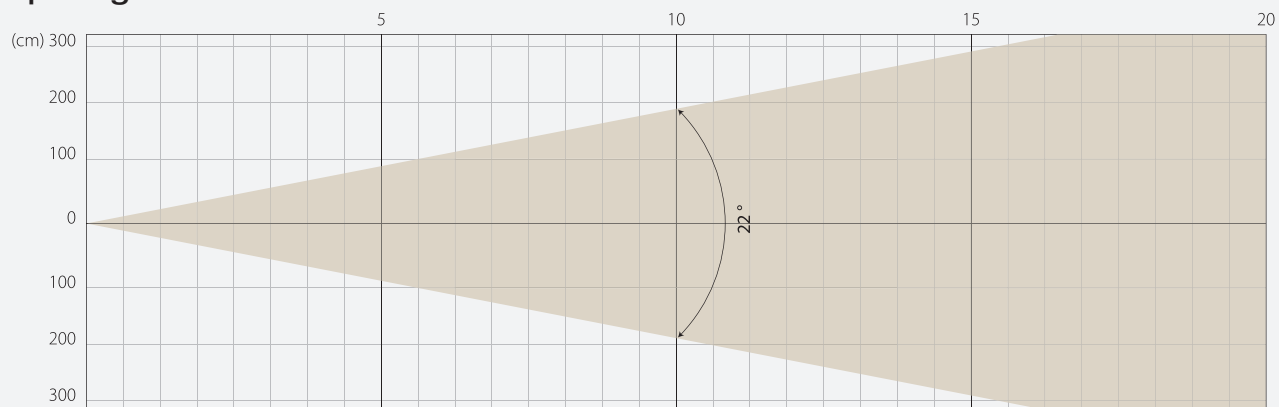


Intensity

Distance (m)	5		10		15		20	
unit	lux	diameter	lux	diameter	lux	diameter	lux	diameter
White	63440	0,54	15860	1,08	7049	1,62	3965	2,17

MIDDLE ZOOM

Beam Opening

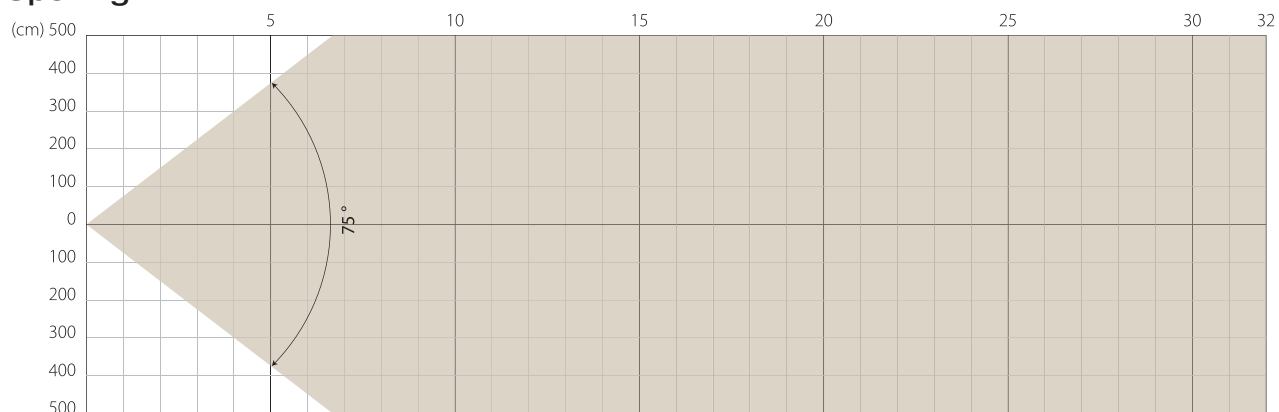


Intensity

Distance (m)	5		10		15		20	
unit	lux	diameter	lux	diameter	lux	diameter	lux	diameter
White	7979	1,94	1995	3,89	887	5,83	499	7,78

MAX ZOOM

Beam Opening



Intensity

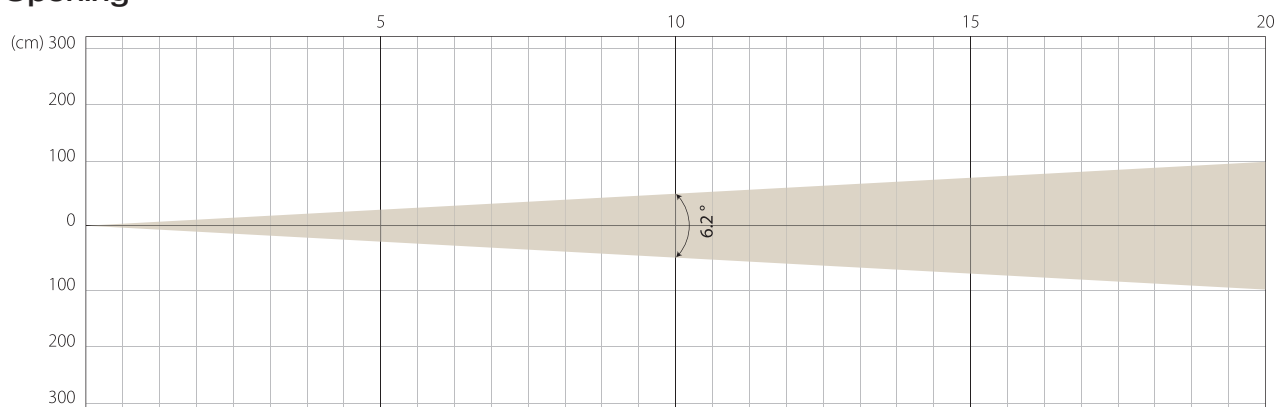
Distance (m)	5		10		15		20	
unit	lux	diameter	lux	diameter	lux	diameter	lux	diameter
White	1235	7,67	309	15,35	137	23,02	77	30,69

STAGE MODE

NATIVE CRI GREATER THAN 95

MIN ZOOM

Beam Opening

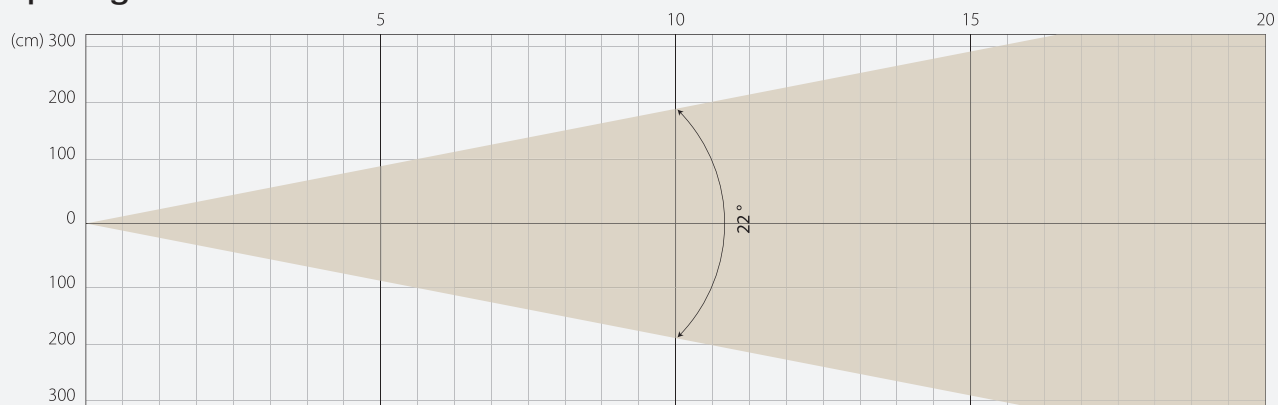


Intensity

Distance (m)	5		10		15		20	
unit	lux	diameter	lux	diameter	lux	diameter	lux	diameter
White	66290	0,54	16573	1,08	7366	1,62	4143	2,17

MIDDLE ZOOM

Beam Opening

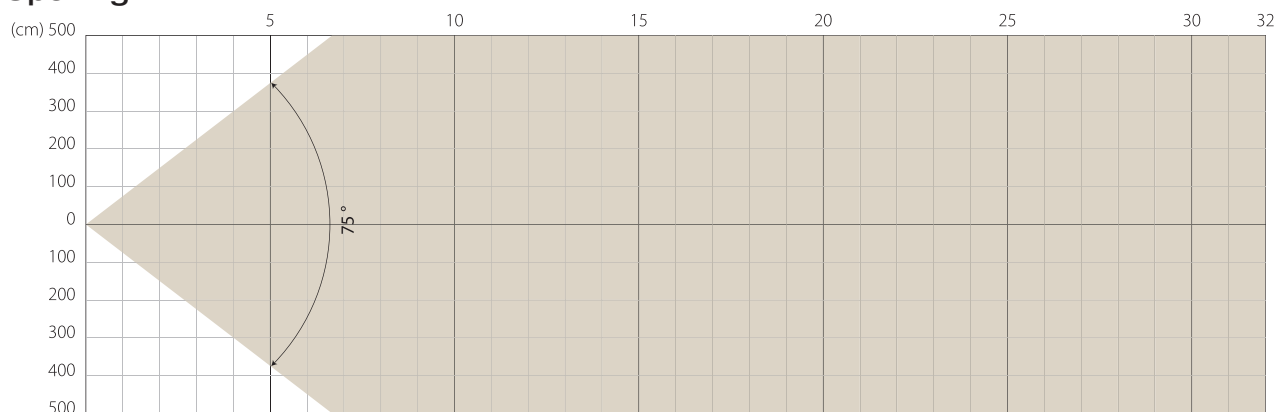


Intensity

Distance (m)	5		10		15		20	
unit	lux	diameter	lux	diameter	lux	diameter	lux	diameter
White	8394	1,94	2099	3,89	933	5,83	525	7,78

MAX ZOOM

Beam Opening

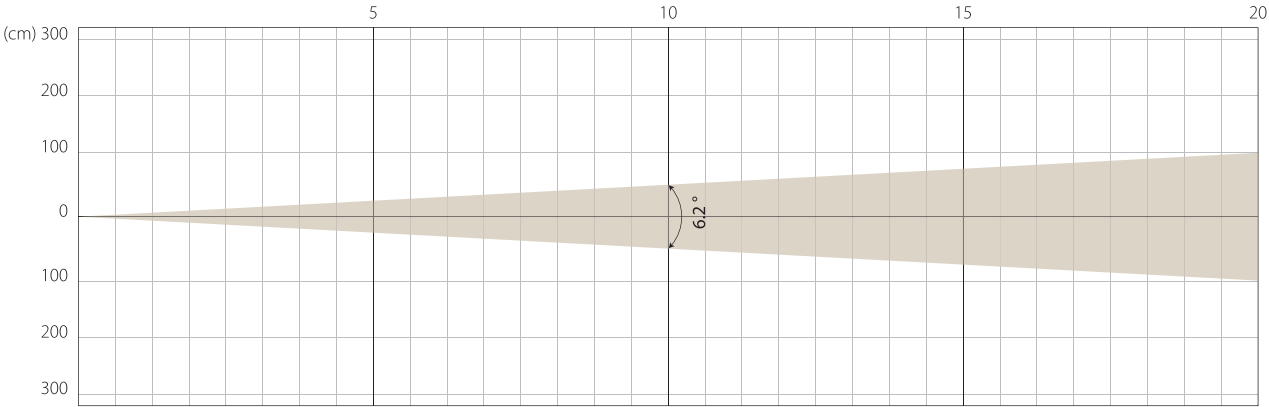


Intensity

Distance (m)	5		10		15		20	
unit	lux	diameter	lux	diameter	lux	diameter	lux	diameter
White	1290	7,67	322	15,35	143	23,02	81	30,69

MIN ZOOM

Beam Opening

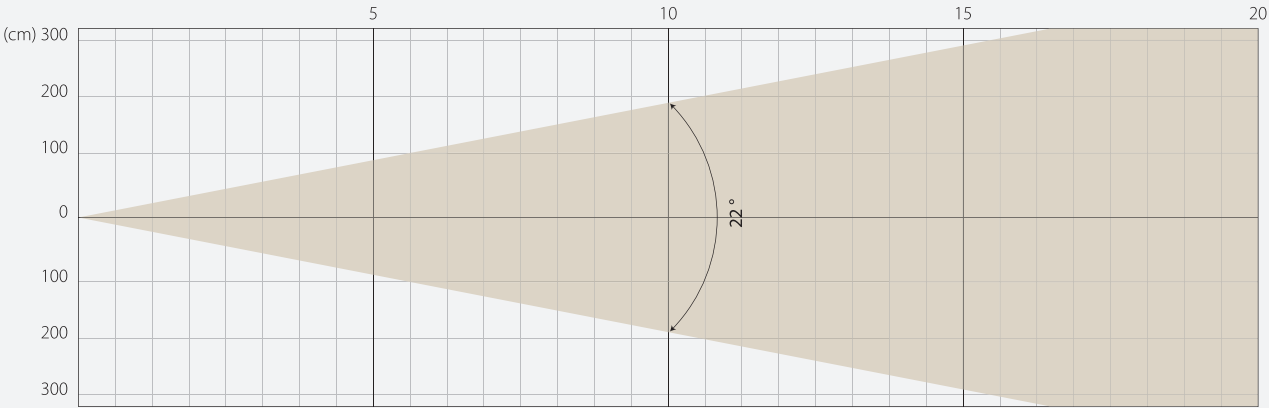


Intensity

Distance (m)	5		10		15		20	
unit	lux	diameter	lux	diameter	lux	diameter	lux	diameter
White	47613	0,54	11903	1,08	5290	1,62	2976	2,17

MIDDLE ZOOM

Beam Opening

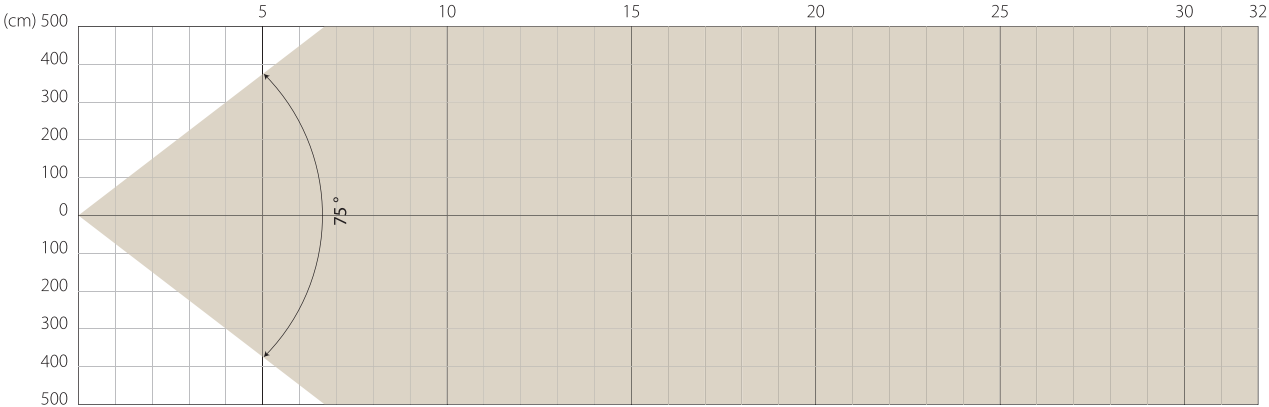


Intensity

Distance (m)	5		10		15		20	
unit	lux	diameter	lux	diameter	lux	diameter	lux	diameter
White	5963	1,94	1491	3,89	663	5,83	373	7,78

MAX ZOOM

Beam Opening



Intensity

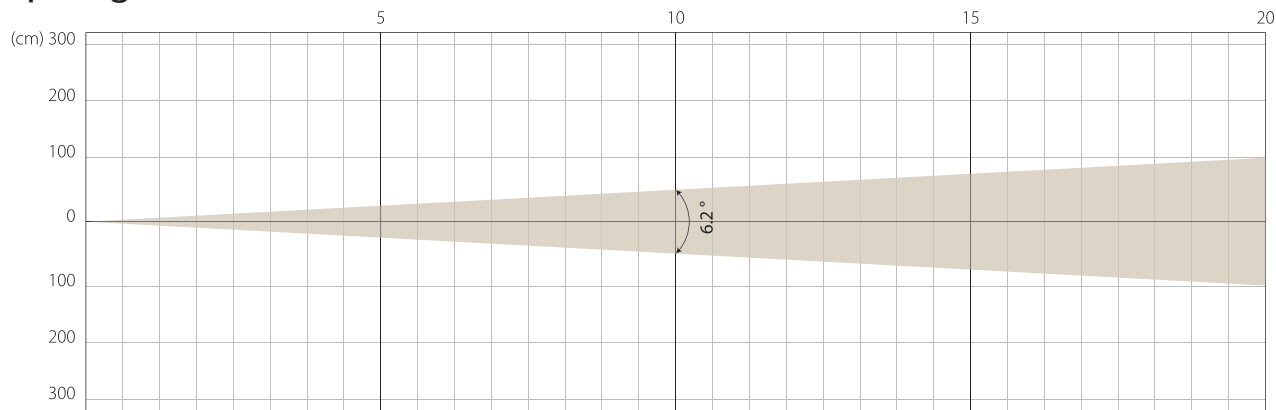
Distance (m)	5		10		15		20	
unit	lux	diameter	lux	diameter	lux	diameter	lux	diameter
White	909	7,67	227	15,35	101	23,02	57	30,69

SUPER SILENCE MODE

NATIVE CRI GREATER THAN 95

MIN ZOOM

Beam Opening

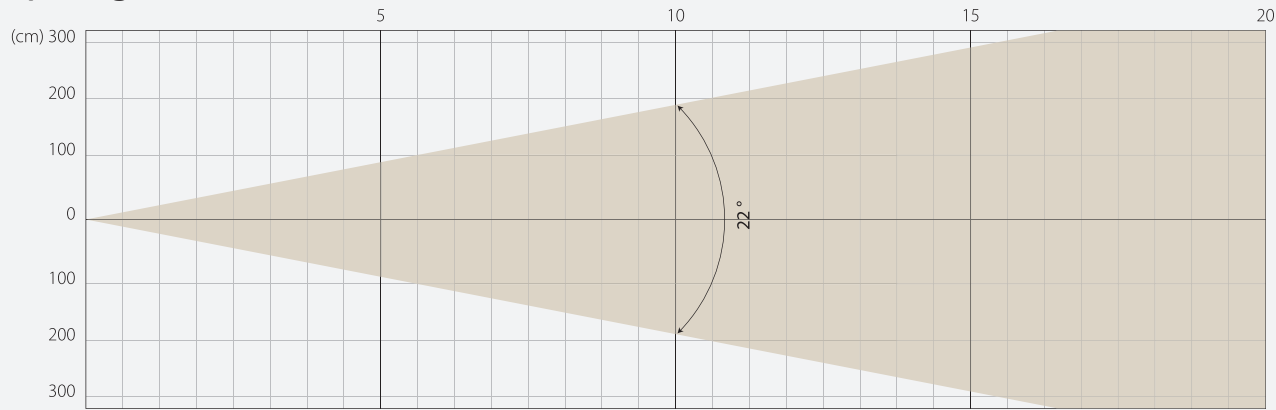


Intensity

Distance (m)	5		10		15		20	
unit	lux	diameter	lux	diameter	lux	diameter	lux	diameter
White	28917	0,54	7229	1,08	3213	1,62	1807	2,17

MIDDLE ZOOM

Beam Opening

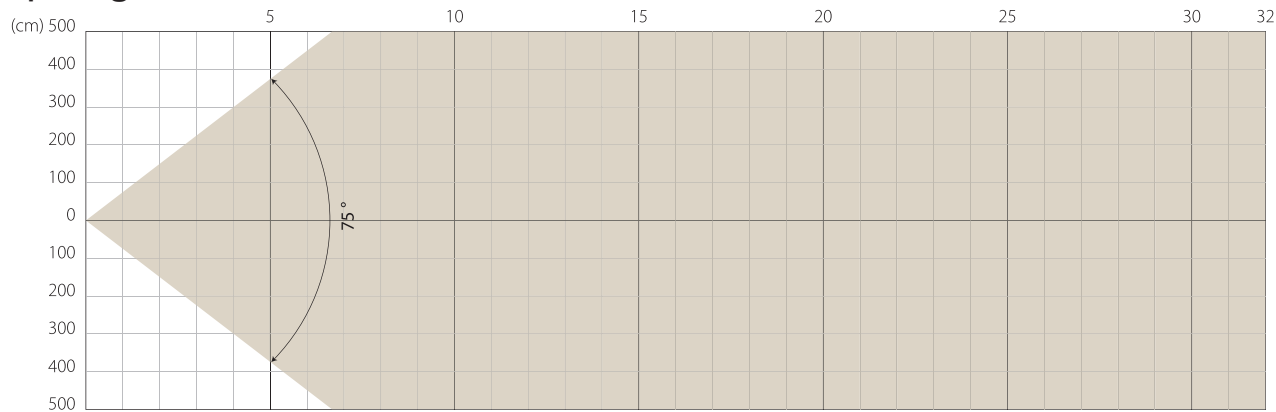


Intensity

Distance (m)	5		10		15		20	
unit	lux	diameter	lux	diameter	lux	diameter	lux	diameter
White	3566	1,94	891	3,89	396	5,83	223	7,78

MAX ZOOM

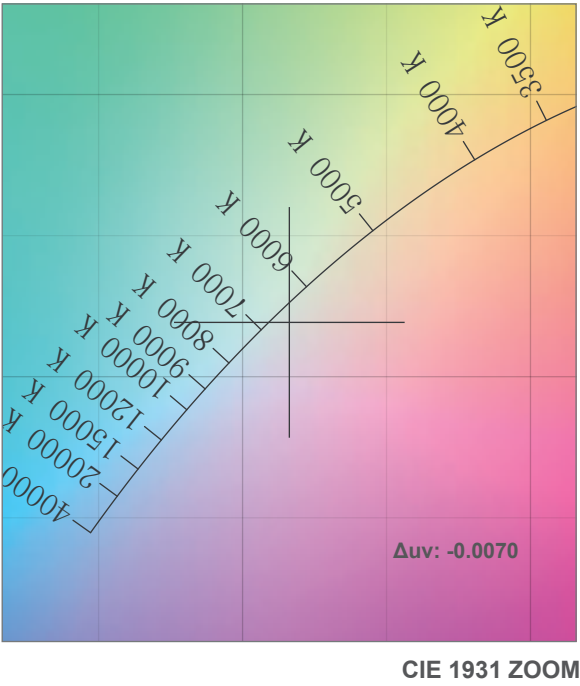
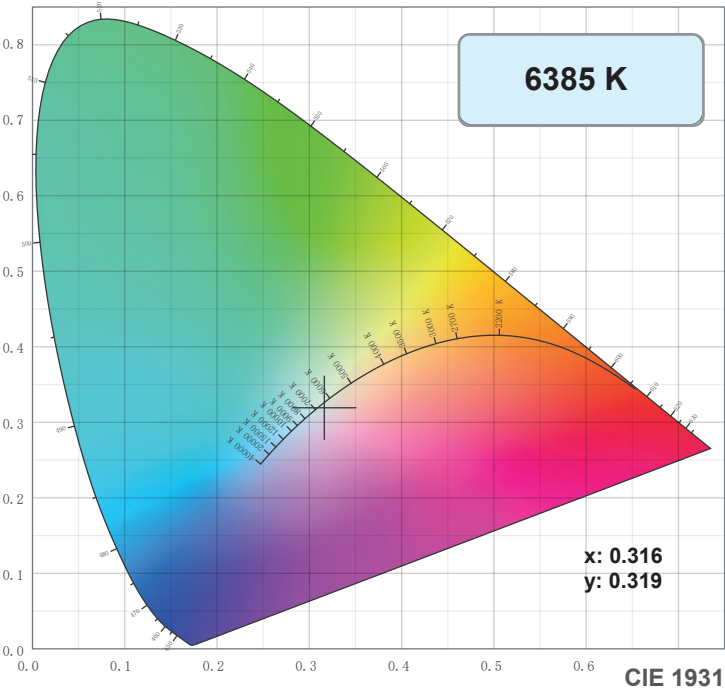
Beam Opening



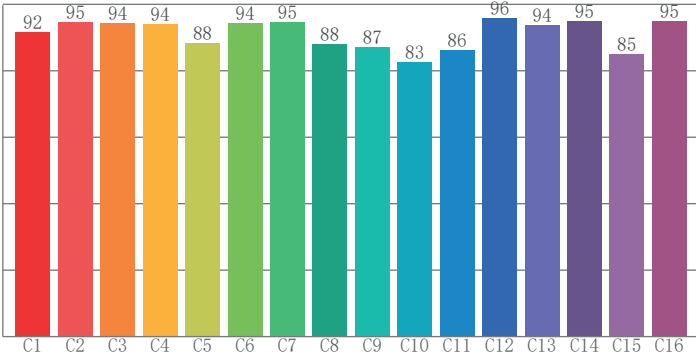
Intensity

Distance (m)	5		10		15		20	
unit	lux	diameter	lux	diameter	lux	diameter	lux	diameter
White	554	7,67	138	15,35	62	23,02	35	30,69

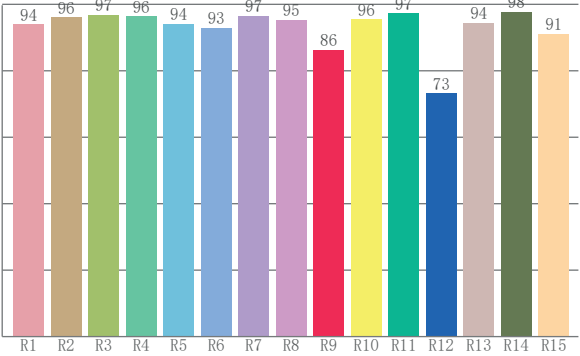
COLOR DETAILS



TM-30: 91.0



CRI: 95.3 (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
93.9	96.1	96.8	96.4	94.1	92.9	96.6	95.3	86.3	95.5	97.2	73.3	94.5	97.6	91.2

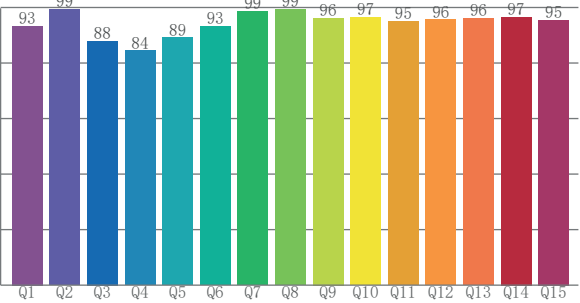
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91.7	94.7	94.5	94.0	88.5	94.3	94.8	88.0	87.2	82.7	86.3	95.9	93.8	95.0	85.1	94.9

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
93.3	99.4	87.9	84.4	89.1	93.2	98.5	99.3	96.2	96.5	95.0	95.6	96.1	96.5	95.5

CQS: 93.1



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
6385 K	95.3	86.3	91.0	100.1	93.1	0.316	0.319	0.204	0.309	-0.0070

TM-30 DETAILS

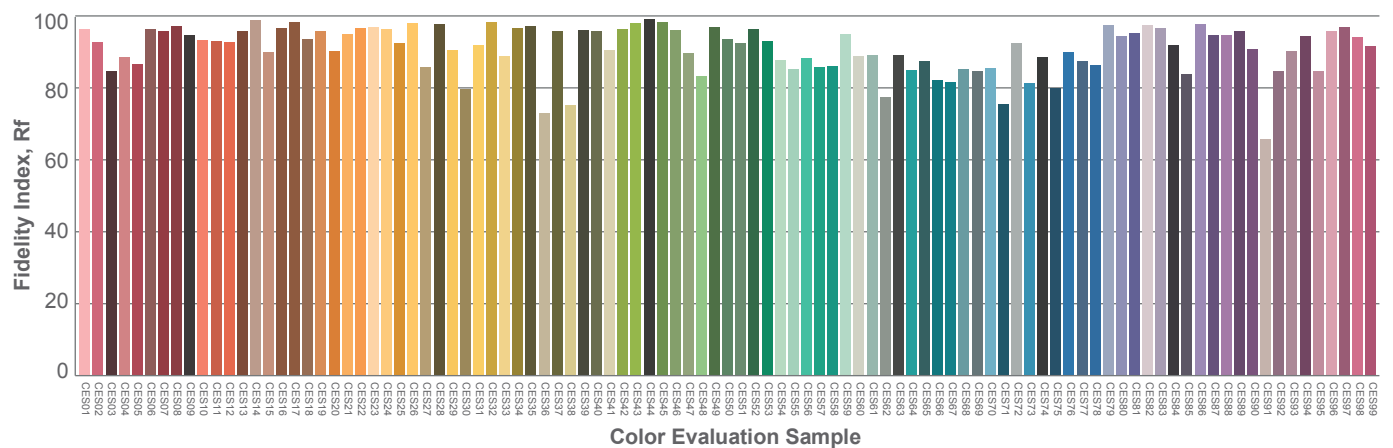
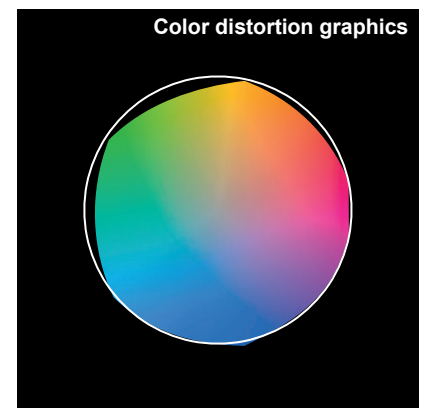
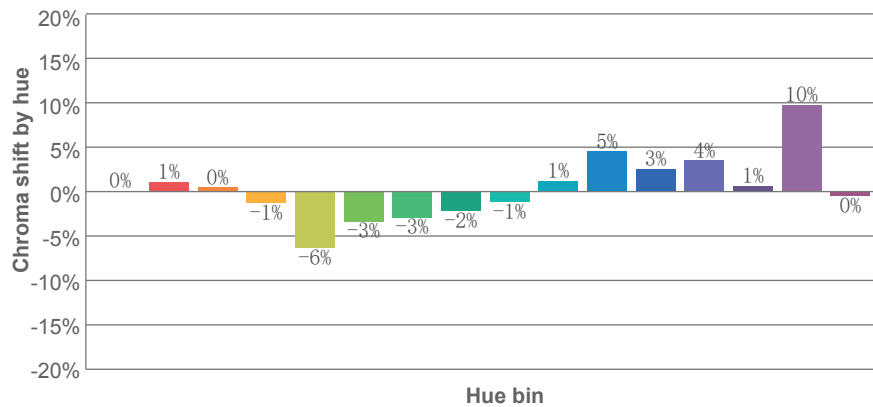
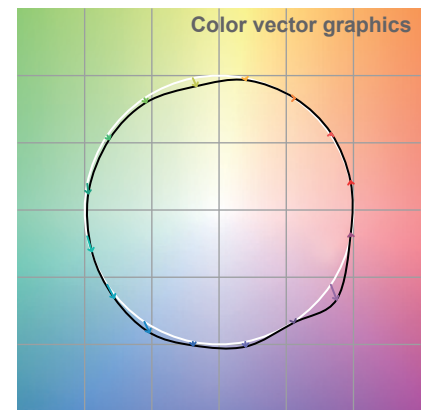
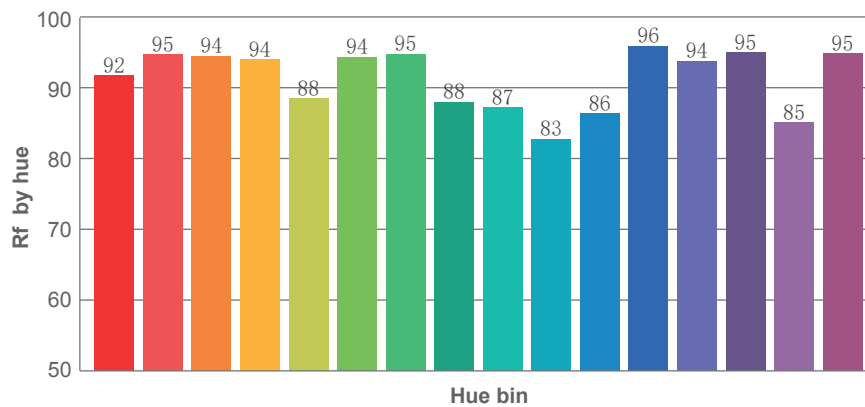
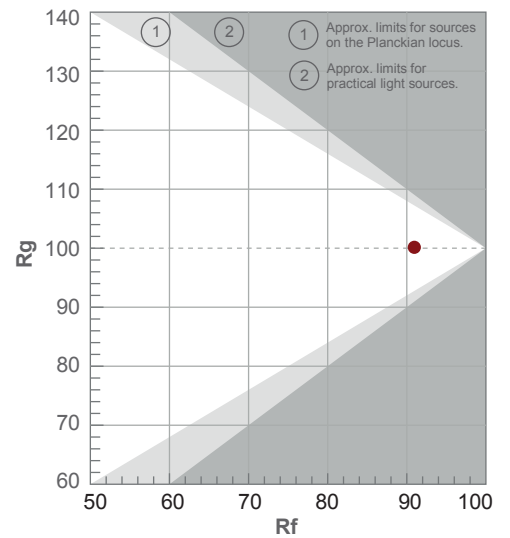
Rf 91.0

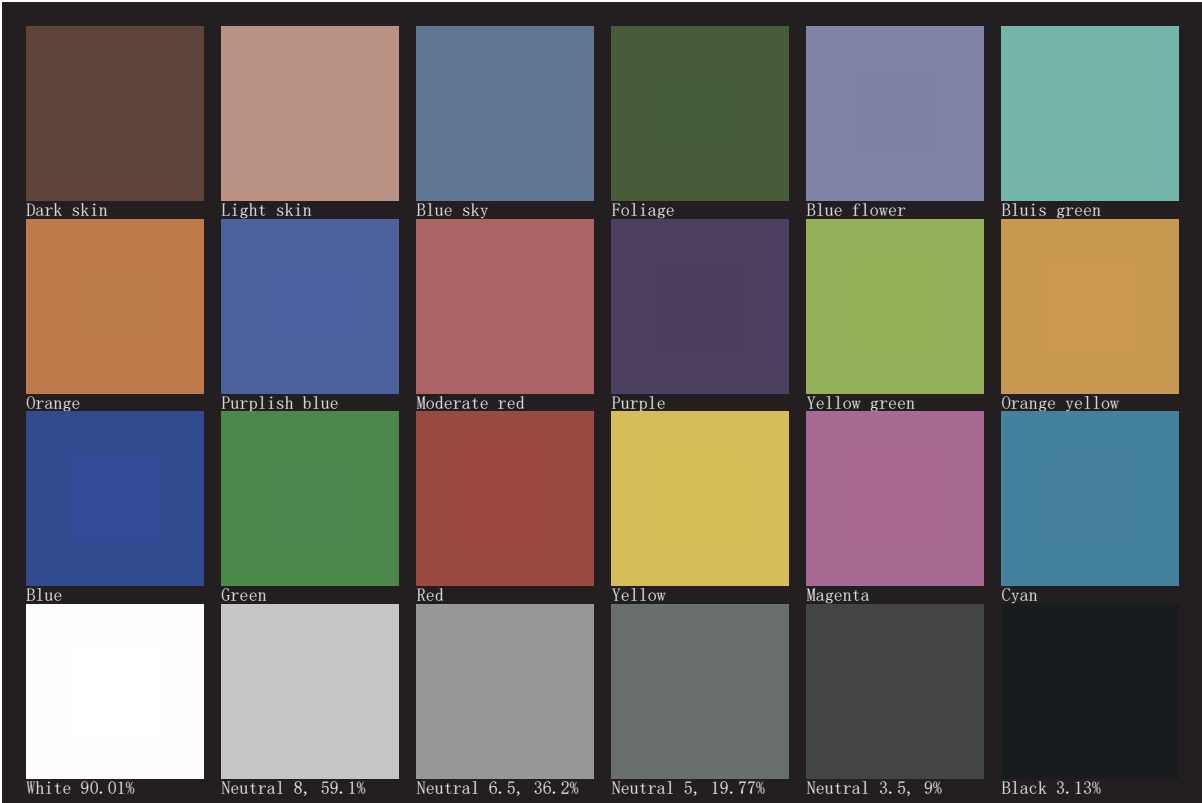
Fidelity index Rf

Rg 100.1

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	92	0%	2%
2	95	1%	1%
3	94	0%	-1%
4	94	-1%	-1%
5	88	-6%	-1%
6	94	-3%	1%
7	95	-3%	2%
8	88	-2%	7%
9	87	-1%	12%
10	83	1%	11%
11	86	5%	8%
12	96	3%	1%
13	94	4%	0%
14	95	1%	0%
15	85	10%	-7%
16	95	0%	2%







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