GHIBLI S

PHOTOMETRY

AYRTON
Digital Lighting

Total Flux	23026 lm (@zoom 128, integrating sphere measurement, Fan mode auto)

CCT @LED engin	8000 (±500K)
CCT @open	7000 (±500K)
Ra @open	70 (±2)
TLCI	50
TM-30	Rf: 72.7 Rg: 92.2

Fan Mode	**Noise Level (dBA)**	**by Goniometer (lm)**	**by Sphere (lm)**
Auto	45,5	20437	22833
Stage	47,6	20934	23026
Silence	39,4	16026	17486
Super Silence	34,5	13245	16134
Note: noise measured @1m distance, static status, ambient 31 dBA.			

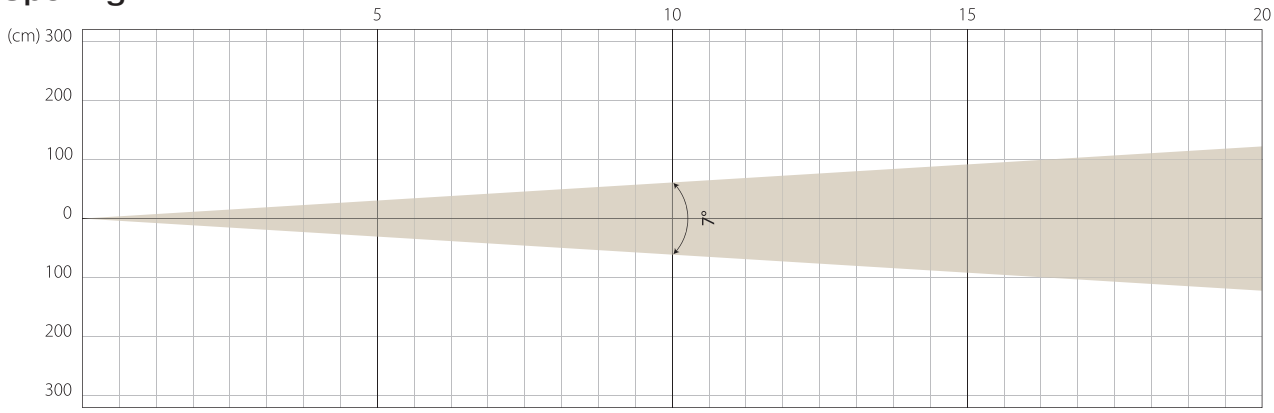
Voltage / Power	100-240V, 50-60HZ	800 W
Fixture Dimension / Weight	468 x 734 x 280 mm	35.6 kg
Packing Dimension / Weight	660 x 675 x 560 mm	52.6 kg

AUTO MODE

NATIVE CRI GREATER THAN 70

MIN ZOOM

Beam Opening

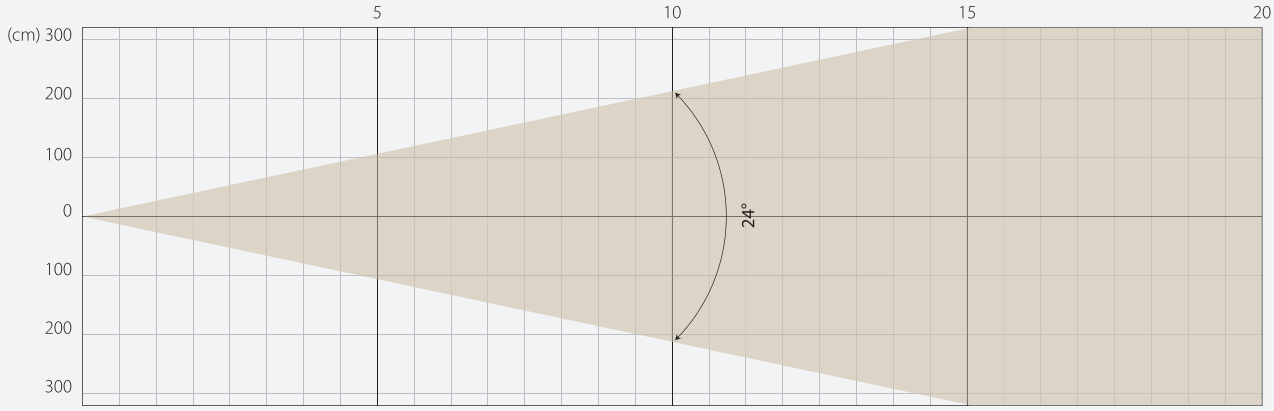


Intensity

Distance (m)	5		10		15		20	
unit	lux	diameter	lux	diameter	lux	diameter	lux	diameter
White	50416	0,61	12604	1,22	5602	1,83	3151	2,45

MIDDLE ZOOM

Beam Opening

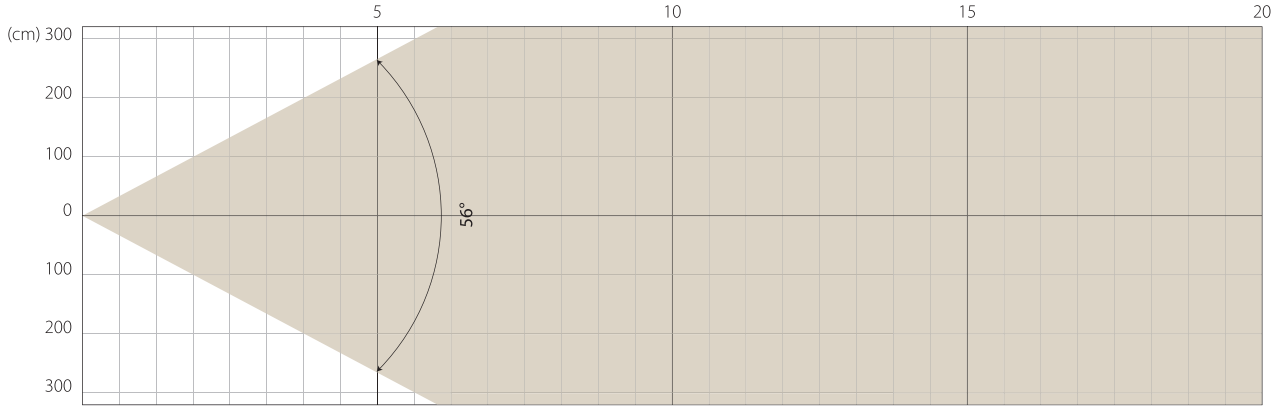


Intensity

Distance (m)	5		10		15		20	
unit	lux	diameter	lux	diameter	lux	diameter	lux	diameter
White	7713	2,13	1928	4,25	857	6,38	482	8,5

MAX ZOOM

Beam Opening



Intensity

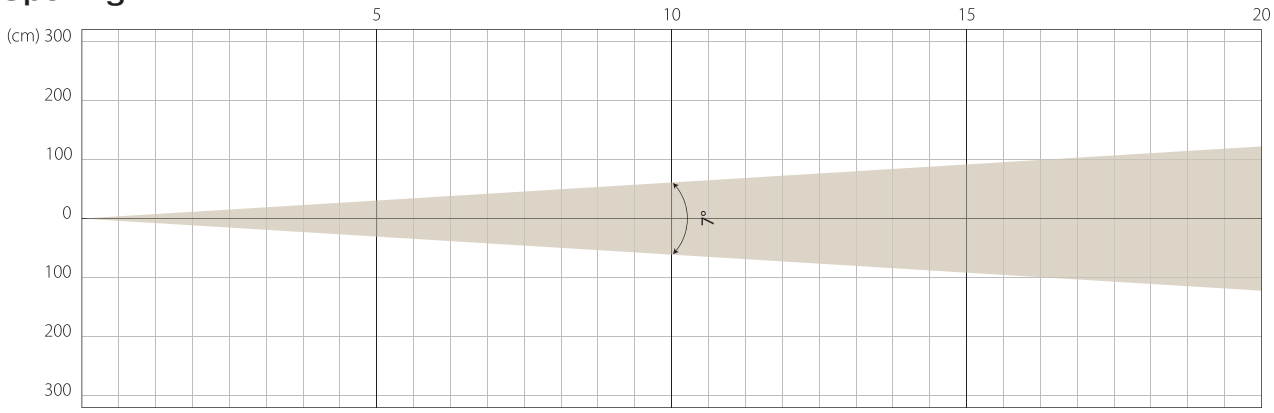
Distance (m)	5		10		15		20	
unit	lux	diameter	lux	diameter	lux	diameter	lux	diameter
White	1362	5,32	340	10,63	151	15,95	85	21,27

STAGE MODE

NATIVE CRI GREATER THAN 70

MIN ZOOM

Beam Opening

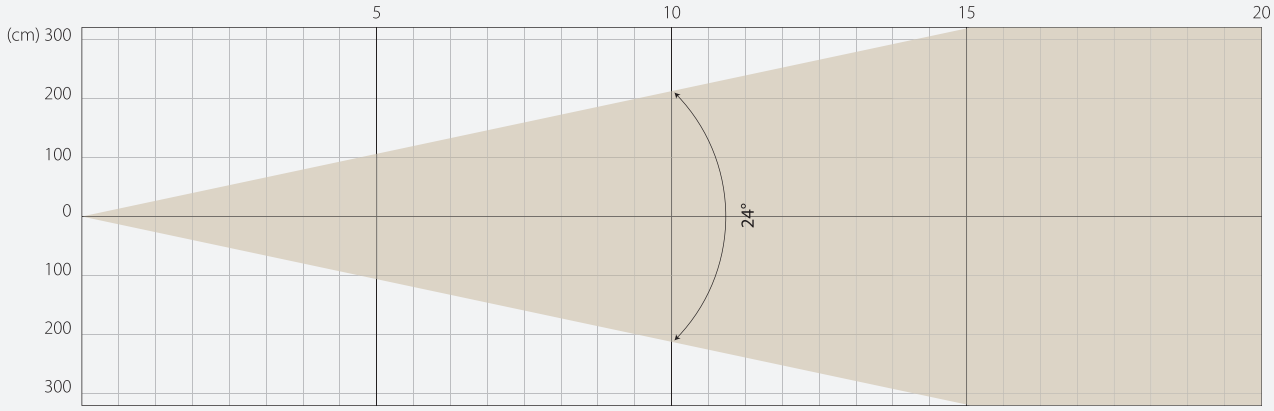


Intensity

Distance (m)	5		10		15		20	
unit	lux	diameter	lux	diameter	lux	diameter	lux	diameter
White	51615	0,61	12904	1,22	5735	1,83	3226	2,45

MIDDLE ZOOM

Beam Opening

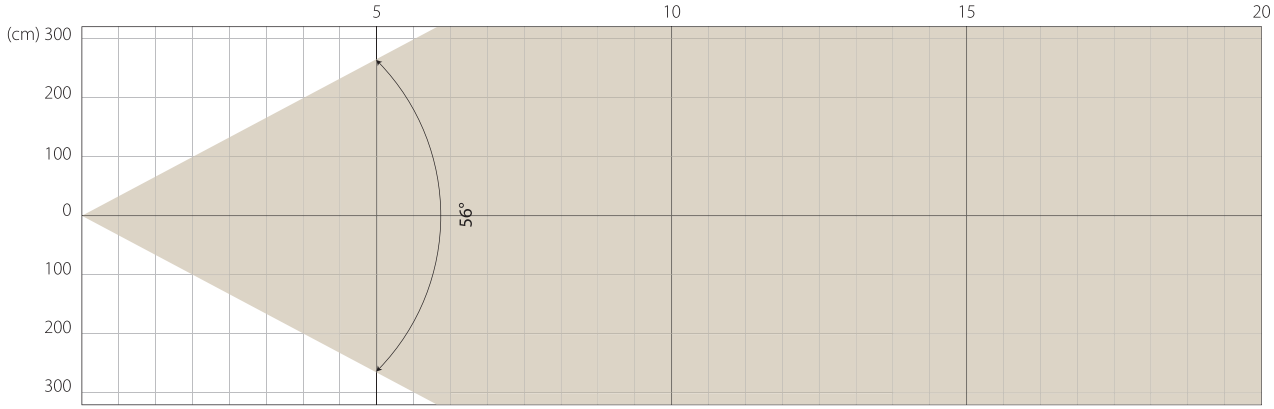


Intensity

Distance (m)	5		10		15		20	
unit	lux	diameter	lux	diameter	lux	diameter	lux	diameter
White	7985	2,13	1996	4,25	887	6,38	499	8,5

MAX ZOOM

Beam Opening



Intensity

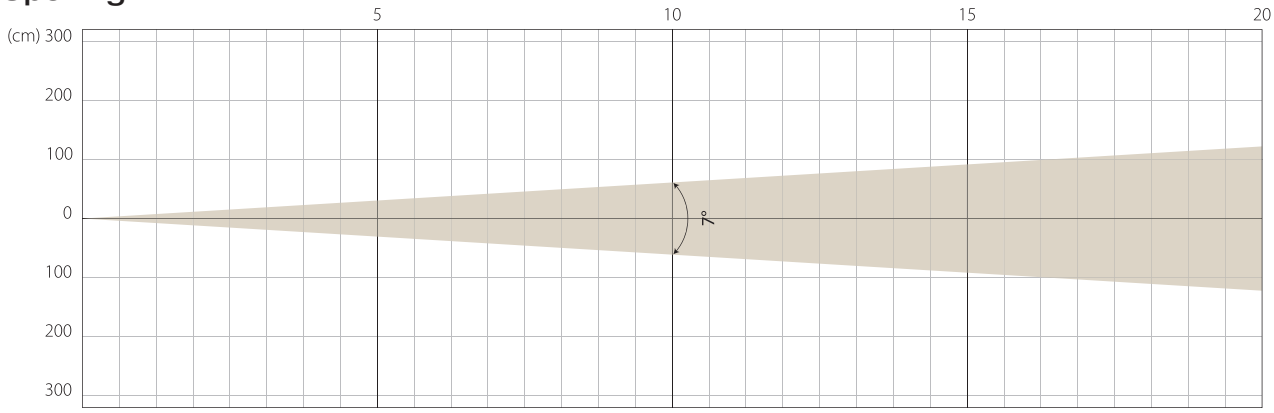
Distance (m)	5		10		15		20	
unit	lux	diameter	lux	diameter	lux	diameter	lux	diameter
White	1418	5,32	354	10,63	158	15,95	89	21,27

SILENCE MODE

NATIVE CRI GREATER THAN 70

MIN ZOOM

Beam Opening

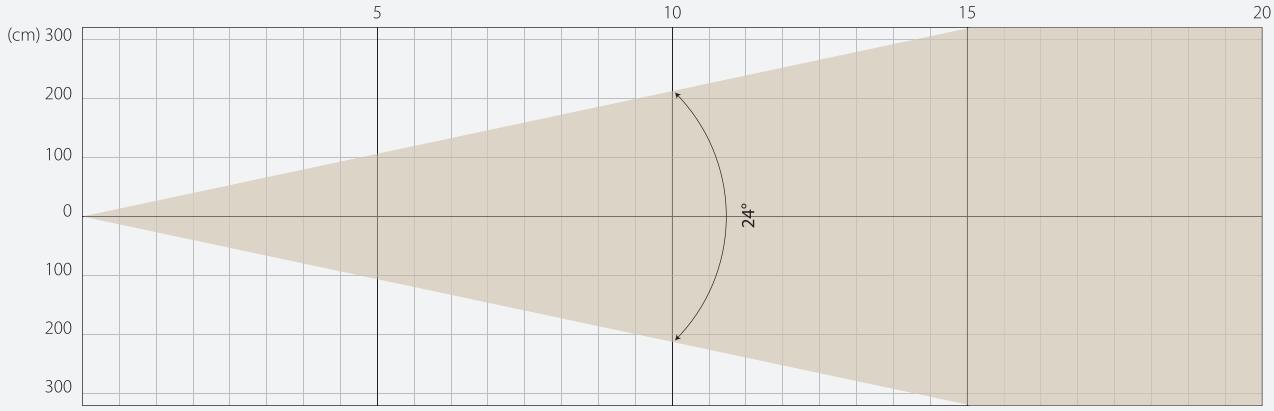


Intensity

Distance (m)	5		10		15		20	
unit	lux	diameter	lux	diameter	lux	diameter	lux	diameter
White	39539	0,61	9885	1,22	4393	1,83	2471	2,45

MIDDLE ZOOM

Beam Opening

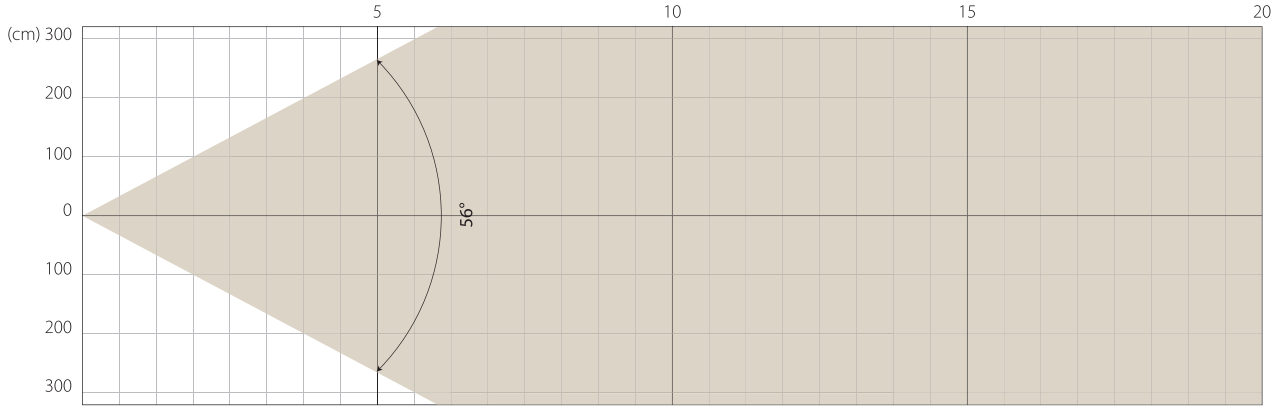


Intensity

Distance (m)	5		10		15		20	
unit	lux	diameter	lux	diameter	lux	diameter	lux	diameter
White	6049	2,13	1512	4,25	672	6,38	378	8,5

MAX ZOOM

Beam Opening



Intensity

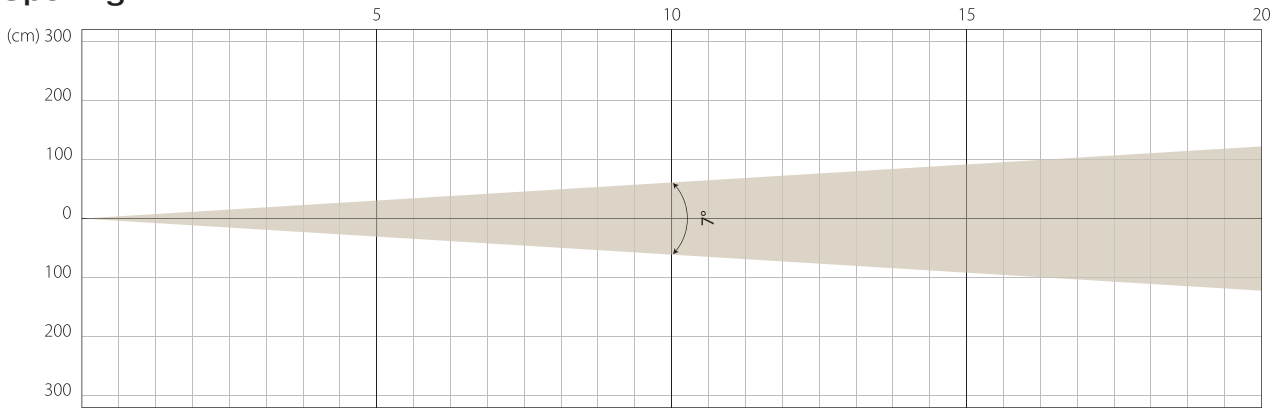
Distance (m)	5		10		15		20	
unit	lux	diameter	lux	diameter	lux	diameter	lux	diameter
White	1066	5,32	266	10,63	118	15,95	67	21,27

SUPER SILENCE MODE

NATIVE CRI GREATER THAN 70

MIN ZOOM

Beam Opening

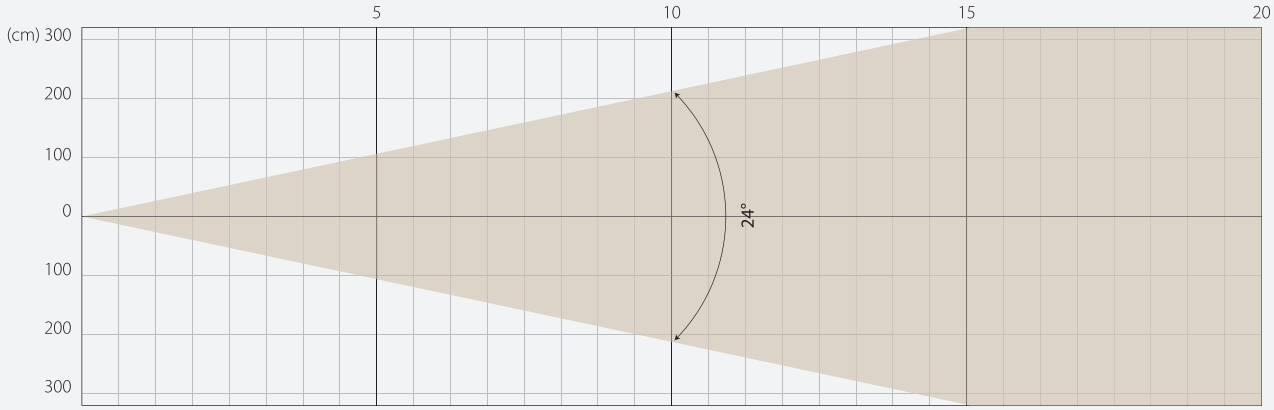


Intensity

Distance (m)	5		10		15		20	
unit	lux	diameter	lux	diameter	lux	diameter	lux	diameter
White	32327	0,61	8082	1,22	3592	1,83	2020	2,45

MIDDLE ZOOM

Beam Opening

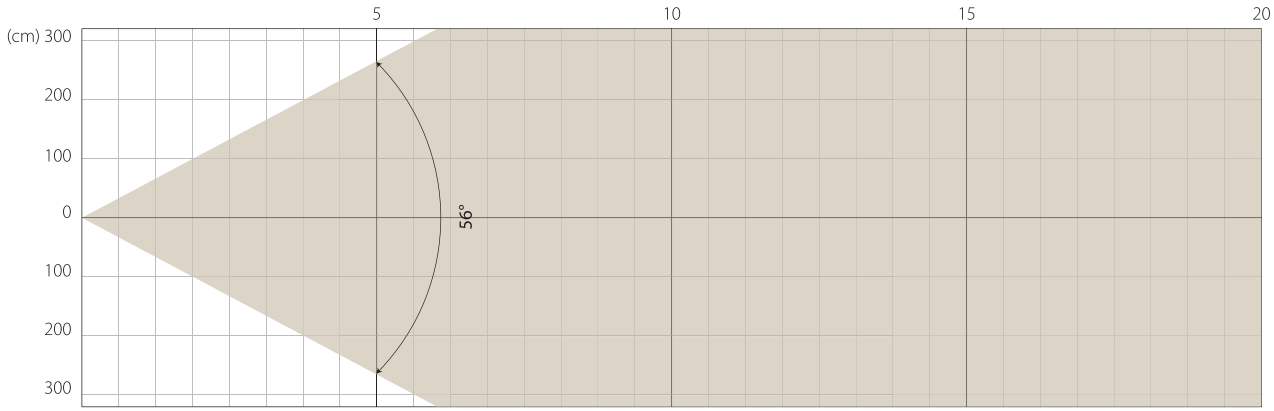


Intensity

Distance (m)	5		10		15		20	
unit	lux	diameter	lux	diameter	lux	diameter	lux	diameter
White	4946	2,13	1237	4,25	550	6,38	309	8,5

MAX ZOOM

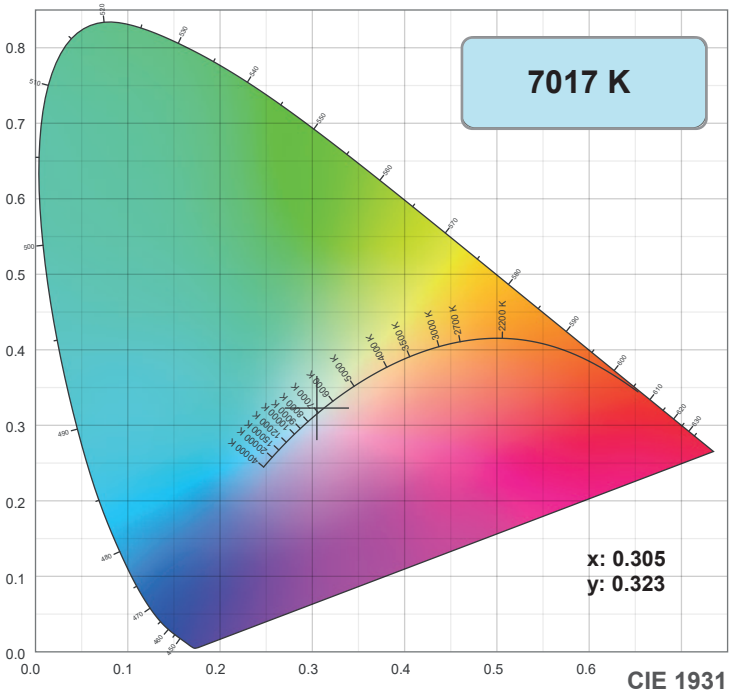
Beam Opening



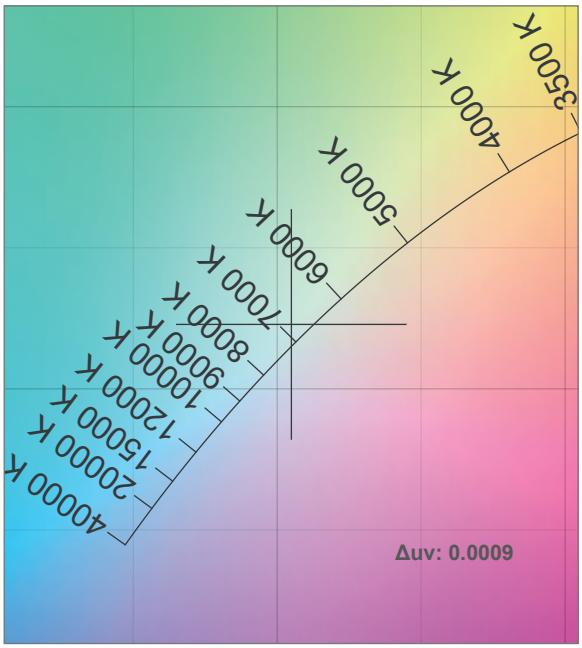
Intensity

Distance (m)	5		10		15		20	
unit	lux	diameter	lux	diameter	lux	diameter	lux	diameter
White	875	5,32	219	10,63	97	15,95	55	21,27

COLOR DETAILS

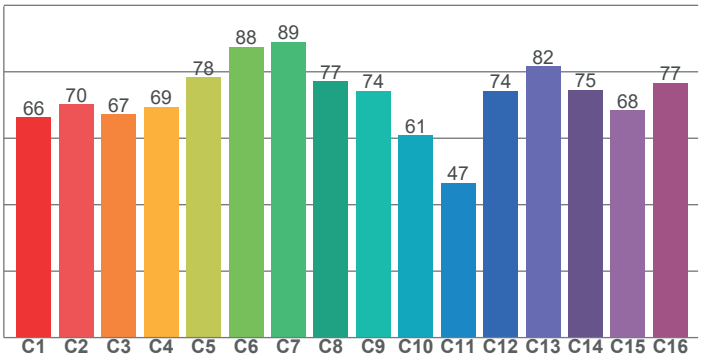


CIE 1931

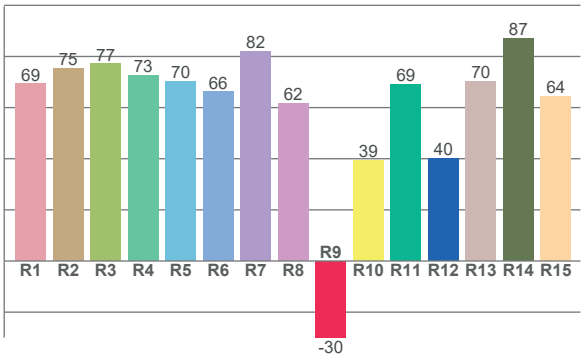


CIE 1931 ZOOM

TM-30: 72.7



CRI: 71.8 (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
69.3	75.4	77.1	72.8	70.3	66.1	82.0	61.6	-30.0	39.2	68.9	40.1	70.2	87.0	64.4

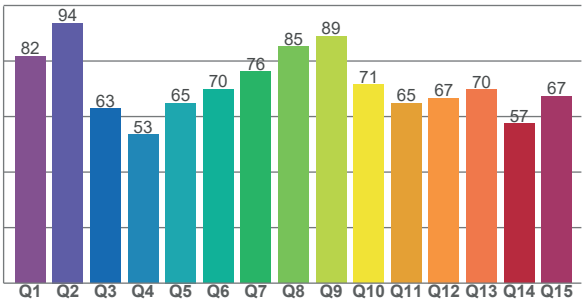
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
66.3	70.2	67.2	69.4	78.4	87.5	89.0	77.1	74.2	60.9	46.5	74.2	81.6	74.6	68.3	76.6

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
81.7	93.7	62.8	53.4	64.9	69.8	76.1	85.3	88.9	71.5	64.8	66.7	69.6	57.4	67.3

CQS: 69.5



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 diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
7017 K	71.8	-30.0	72.7	92.2	69.5	0.305	0.323	0.195	0.309	0.0009

TM-30 DETAILS

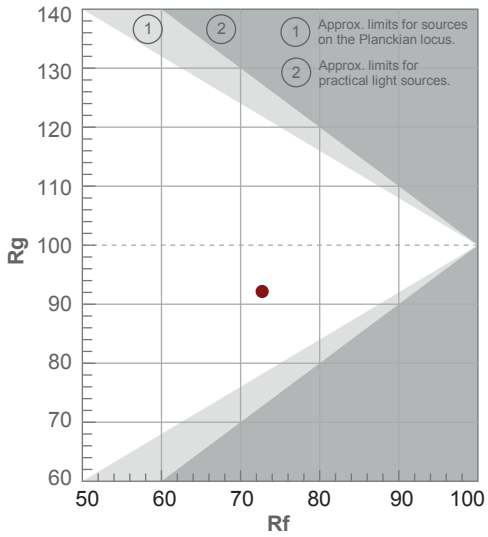
Rf 72.7

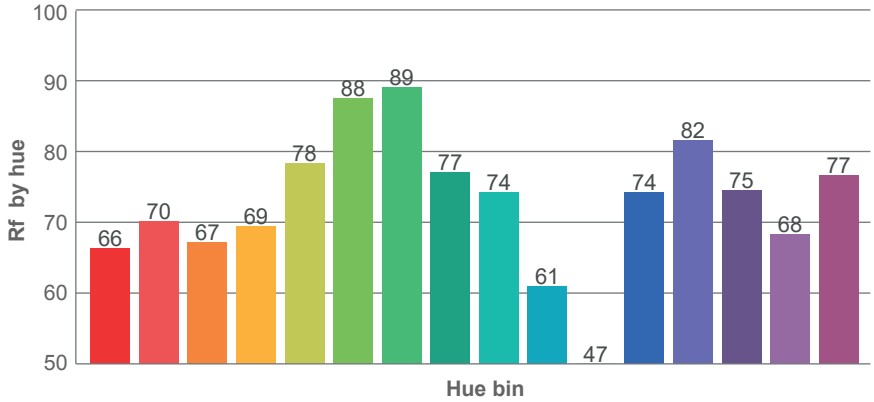
Fidelity index Rf

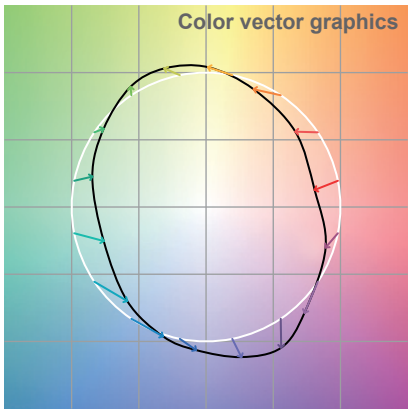
Rg 92.2

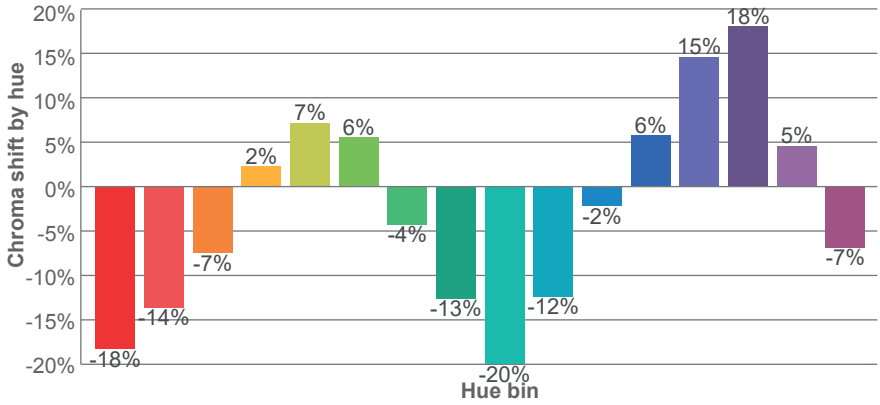
Gamut index Rg

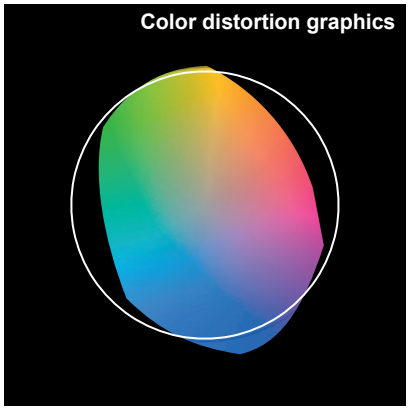
		Shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	66	-18%	-3%
2	70	-14%	10%
3	67	-7%	19%
4	69	2%	19%
5	78	7%	10%
6	88	6%	-3%
7	89	-4%	-6%
8	77	-13%	-6%
9	74	-20%	10%
10	61	-12%	26%
11	47	-2%	27%
12	74	6%	13%
13	82	15%	4%
14	75	18%	-12%
15	68	5%	-25%
16	77	-7%	-12%

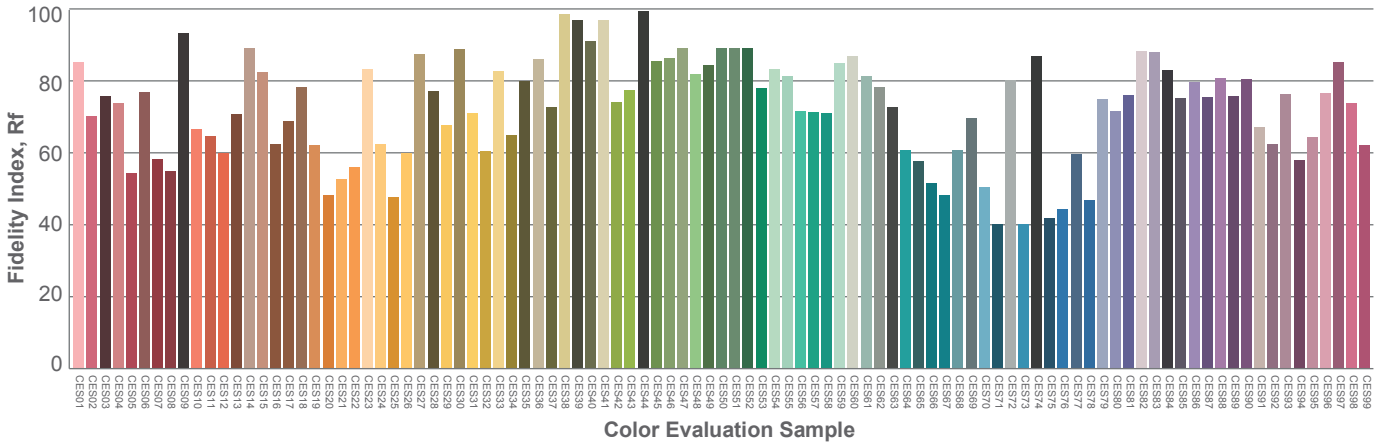




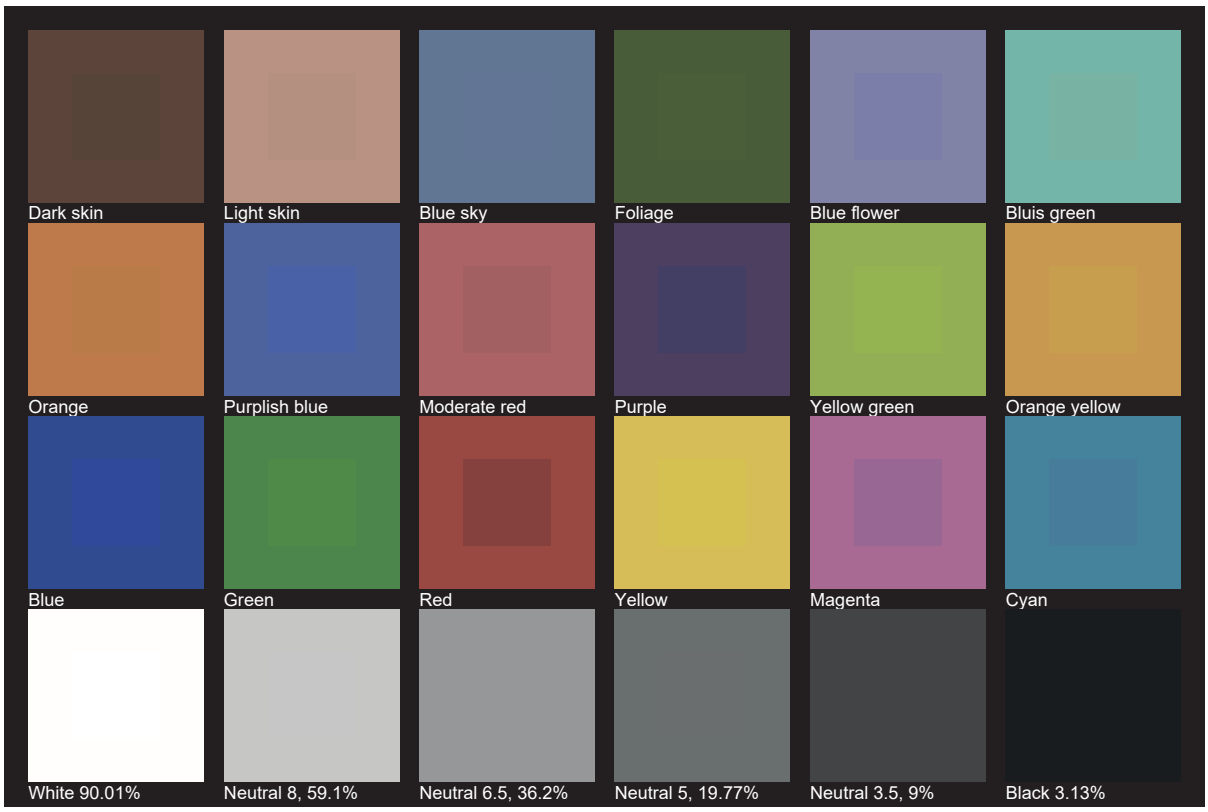








TLCI 50


Dark skin
Light skin
Blue sky
Foliage
Blue flower
Bluis green
Orange
Purplish blue
Moderate red
Purple
Yellow green
Orange yellow
Blue
Green
Red
Yellow
Magenta
Cyan
White 90.01%
Neutral 8, 59.1%
Neutral 6.5, 36.2%
Neutral 5, 19.77%
Neutral 3.5, 9%
Black 3.13%

AYRTON

Digital Lighting