

RIVALE PROFILE TC

PHOTOMETRY

AYRTON
Digital Lighting



Total Flux	18,500 lm (@ zoom 128, fan mode STAGE, Sphere)

CCT @ light source engine	6500 K (±400 K)
CCT @ open	6000 K (±500 K)
Ra @ open	95 (±2)
TLCI	97
TM-30	Rf: 91.8 Rg: 99.7

Fan Mode	Noise Level (dBA)	by Goniometer (lm)	by Sphere (lm)
Auto	41.5	14,438	18,200
Stage	43.1	14,569	18,350
Silence	33.5	9,080	11,400
Super Silence	32.4	6,376	8,030

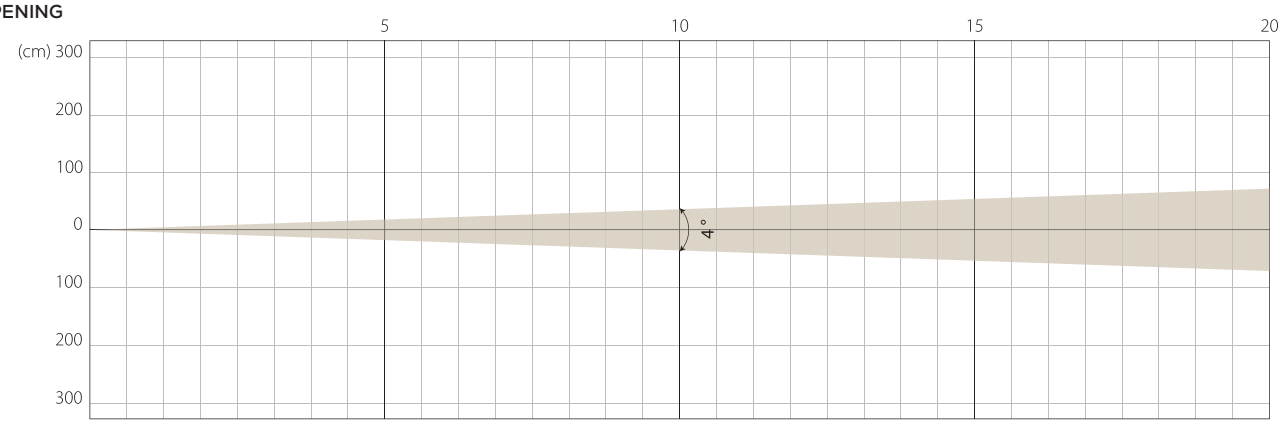
Note: noise measured @ 1m distance, static status, ambient 31 dBA.

Voltage / Power	100-240 V, 50-60 Hz	700 W
Fixture Dimension / Weight	360 x 676 x 316 mm	30.8 kg
Packing Dimension / Weight	570 x 650 x 500 mm	43 kg

AUTO MODE | NATIVE CRI GREATER THAN 95

MIN ZOOM

BEAM OPENING

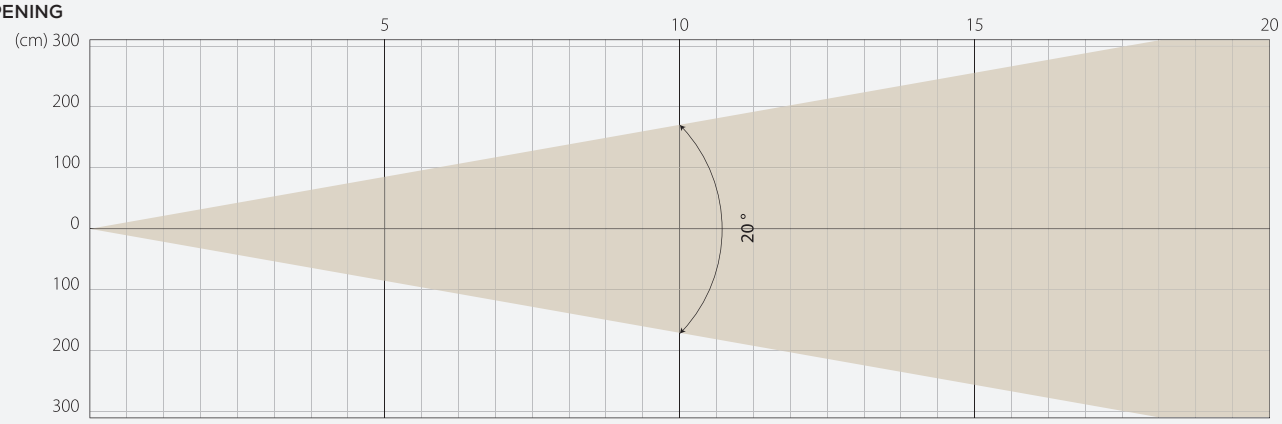


INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	57242	0,35	14311	0,7	6360	1,05	3578	1,4

MIDDLE ZOOM

BEAM OPENING

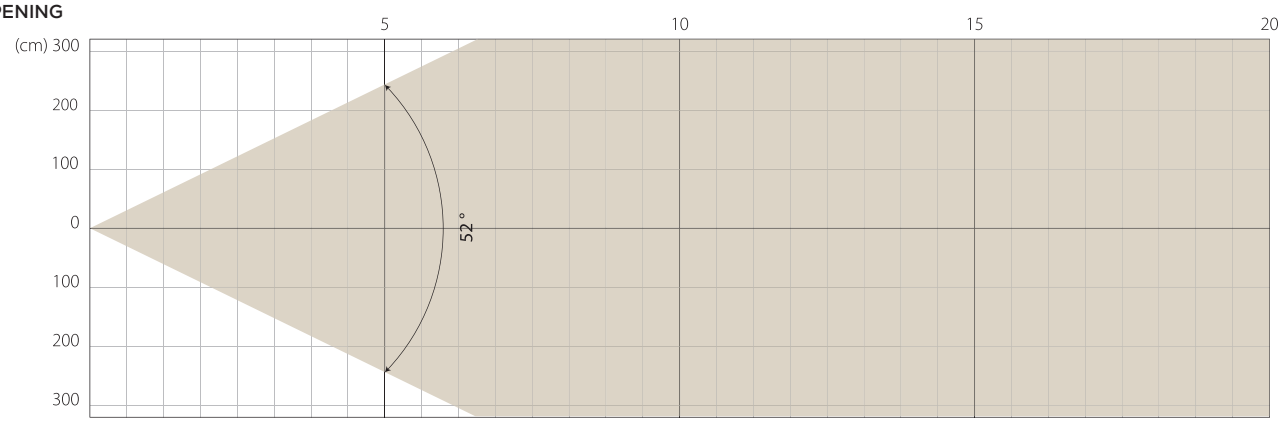


INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	7551	1,76	1888	3,53	839	5,29	472	7,05

MAX ZOOM

BEAM OPENING



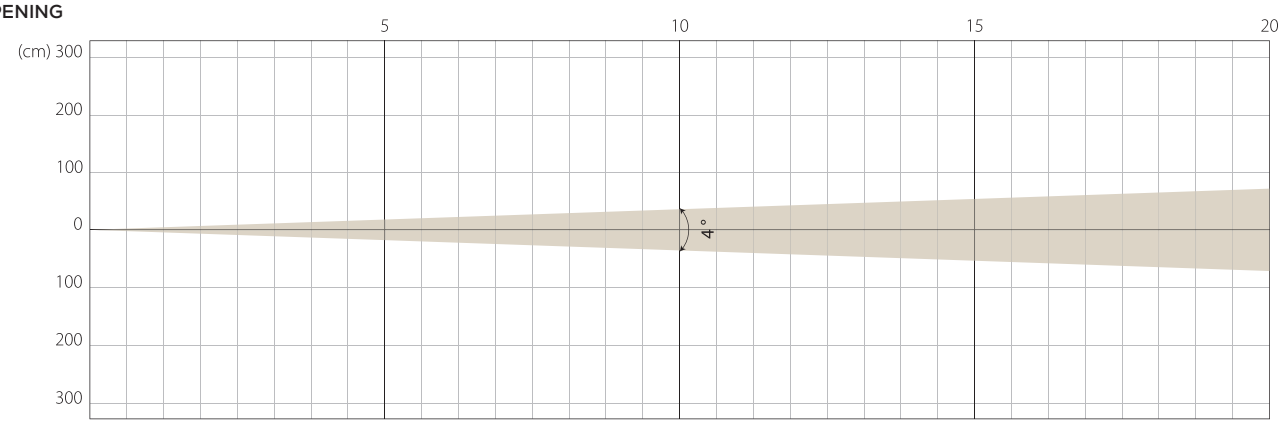
INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	875	4,88	219	9,75	97	14,63	55	19,51

STAGE MODE | NATIVE CRI GREATER THAN 95

MIN ZOOM

BEAM OPENING

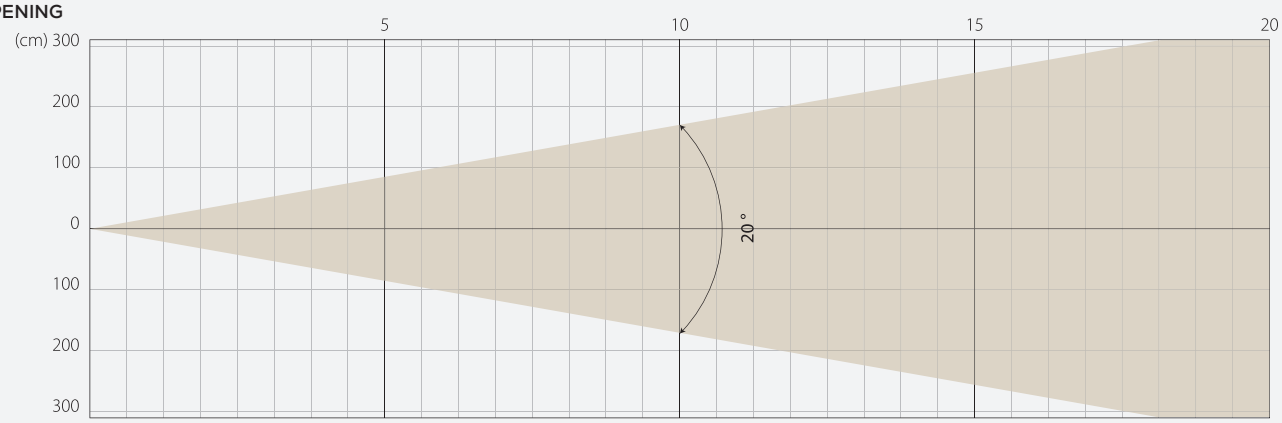


INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	58353	0,35	14588	0,7	6484	1,05	3647	1,4

MIDDLE ZOOM

BEAM OPENING

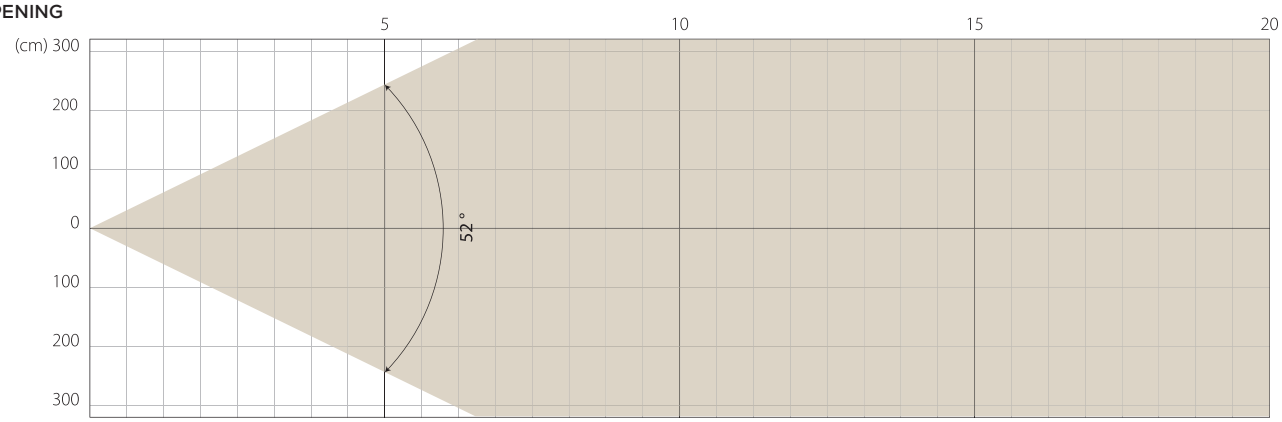


INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	7643	1,76	1911	3,53	849	5,29	478	7,05

MAX ZOOM

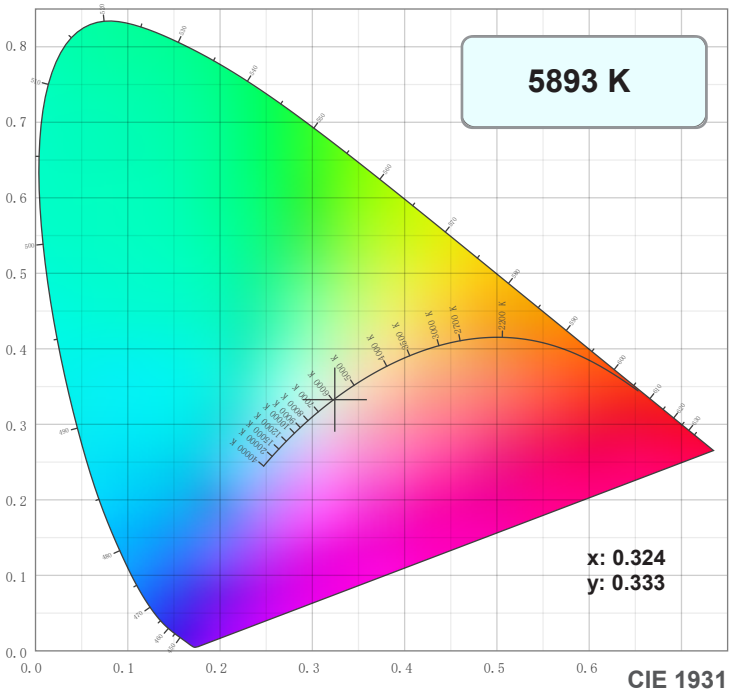
BEAM OPENING



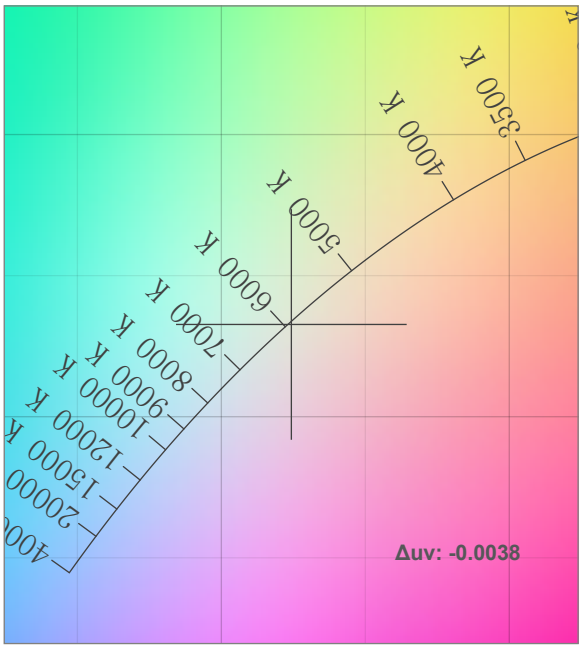
INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	881	4,88	220	9,75	98	14,63	55	19,51

COLOUR DETAILS

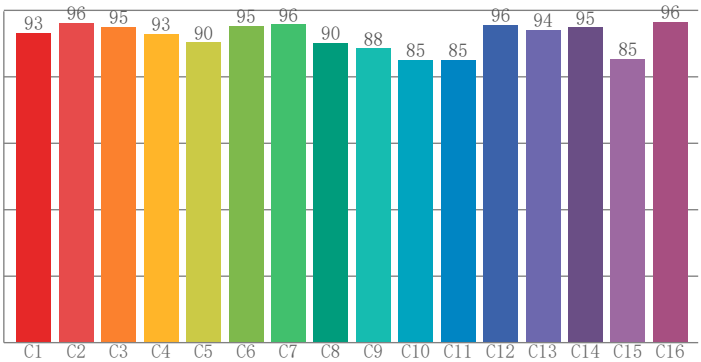


CIE 1931

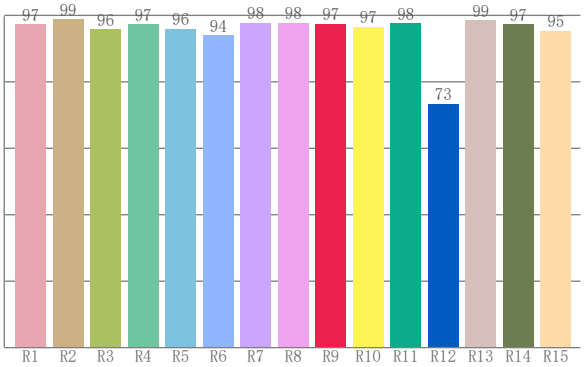


CIE 1931 ZOOM

TM-30: 91.8



CRI: 96.8 (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
97.3	98.7	95.8	97.3	95.9	94.0	97.7	97.7	97.4	96.5	97.6	73.3	98.5	97.2	95.3

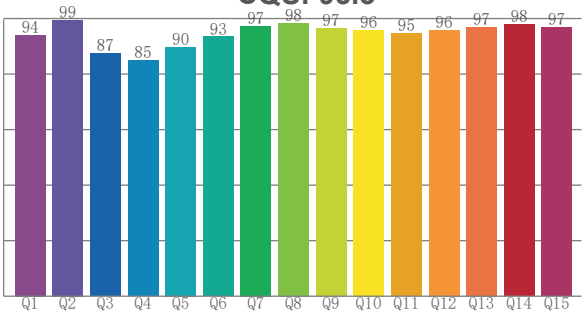
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93.3	96.3	95.0	92.8	90.3	95.3	95.7	90.2	88.5	84.9	85.1	95.7	93.9	94.8	85.3	96.4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94.1	99.4	87.4	84.9	89.8	93.5	97.3	98.3	96.6	95.8	94.7	95.8	97.0	97.8	96.7

CQS: 93.3



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
5893 K	96.8	97.4	91.8	99.7	93.3	0.324	0.333	0.204	0.315	-0.0038

TM-30 DETAILS

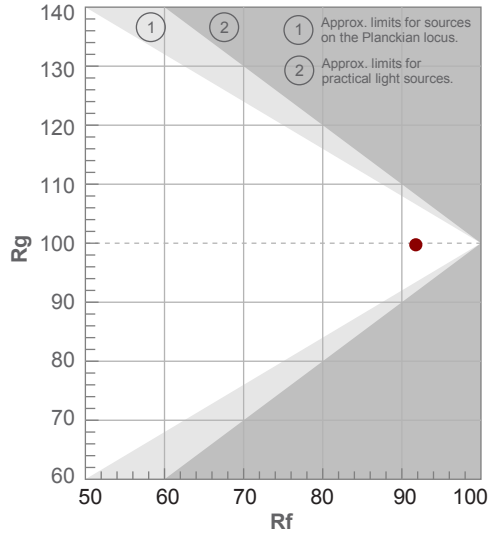
Rf 91.8

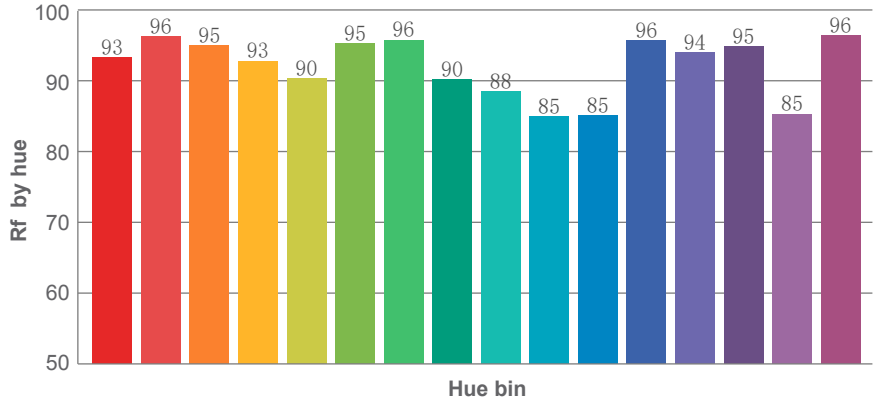
Fidelity index Rf

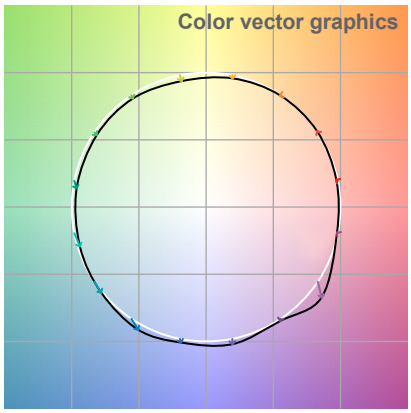
Rg 99.7

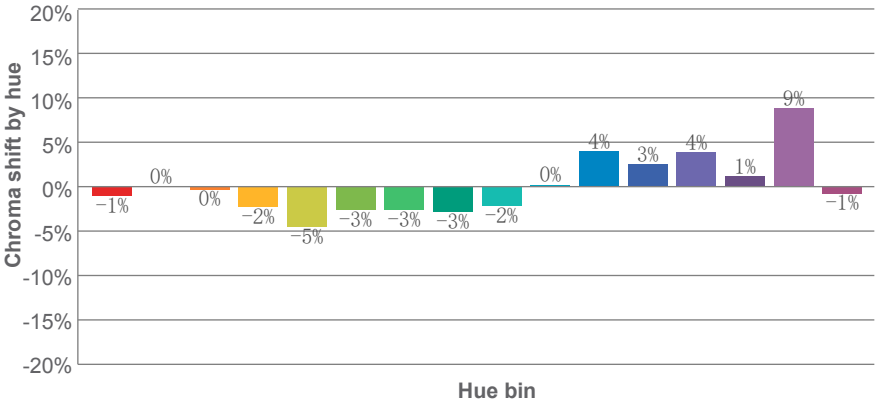
Gamut index Rg

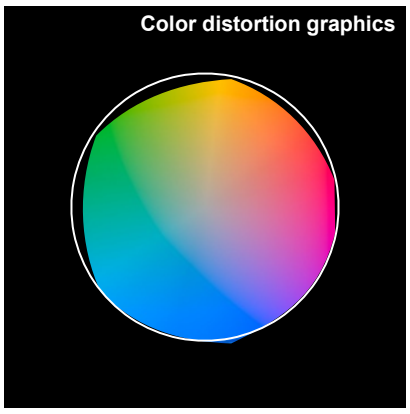
		Shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	93	-1%	1%
2	96	0%	1%
3	95	0%	0%
4	93	-2%	-1%
5	90	-5%	0%
6	95	-3%	0%
7	96	-3%	1%
8	90	-3%	5%
9	88	-2%	10%
10	85	0%	10%
11	85	4%	9%
12	96	3%	1%
13	94	4%	-1%
14	95	1%	-1%
15	85	9%	-8%
16	96	-1%	0%

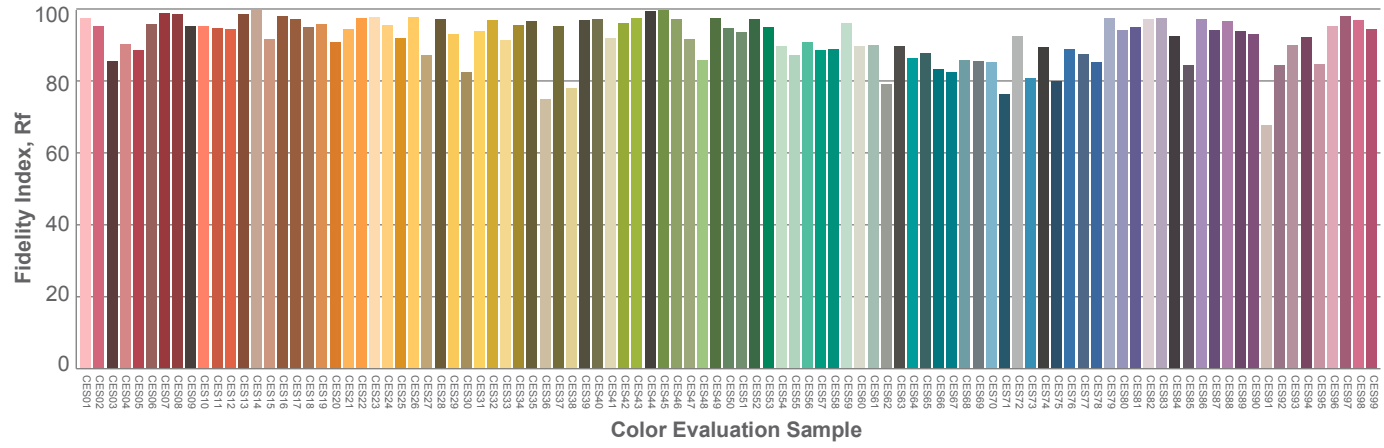




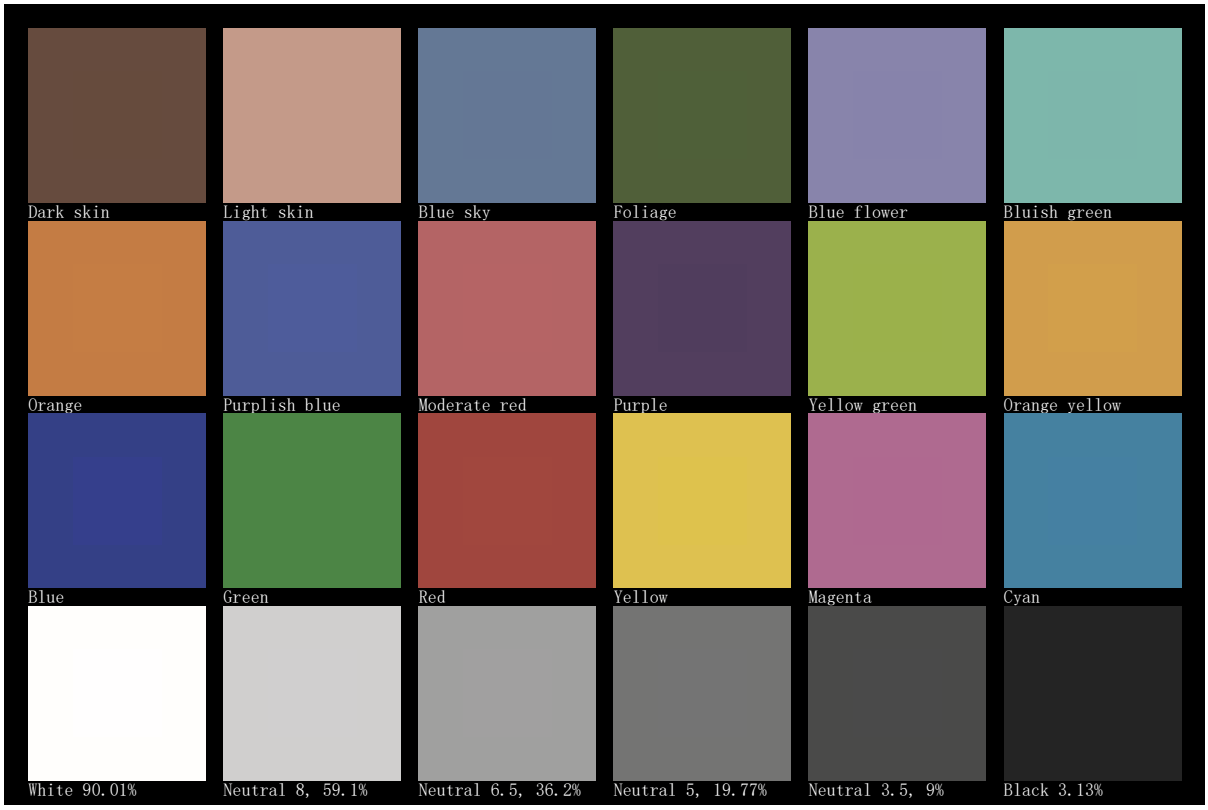








TLCI 97


Dark skin
Light skin
Blue sky
Foliage
Blue flower
Bluish 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