

RIVALE WASH S

PHOTOMETRY

AYRTON
Digital Lighting



Total Flux	28,000 lm (@zoom 128, fan mode STAGE, Sphere)

CCT @ light source engine	7400 K (±400 K)
CCT @ open	6500 K (±500 K)
Ra @ open	70 (±2)
TLCI	49
TM-30	Rf: 72 Rg: 94.6

Fan Mode	Noise Level (dBA)	by Goniometer (lm)	by Sphere (lm)
Auto	34.3	19,556	24,900
Stage	37.7	20,255	27,560
Silence	27.7	12,760	16,100
Super Silence	26.1	8,594	10,800

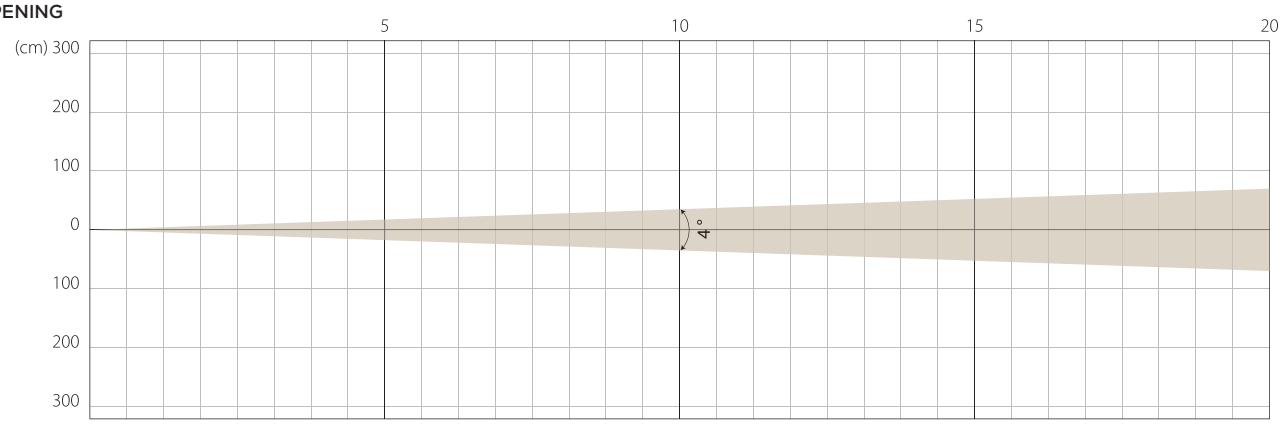
Note: noise measured @ 1m distance, static status, ambient 31 dBA.

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	575 x 665 x 500 mm	43 kg

AUTO MODE | NATIVE CRI GREATER THAN 70

MIN ZOOM

BEAM OPENING

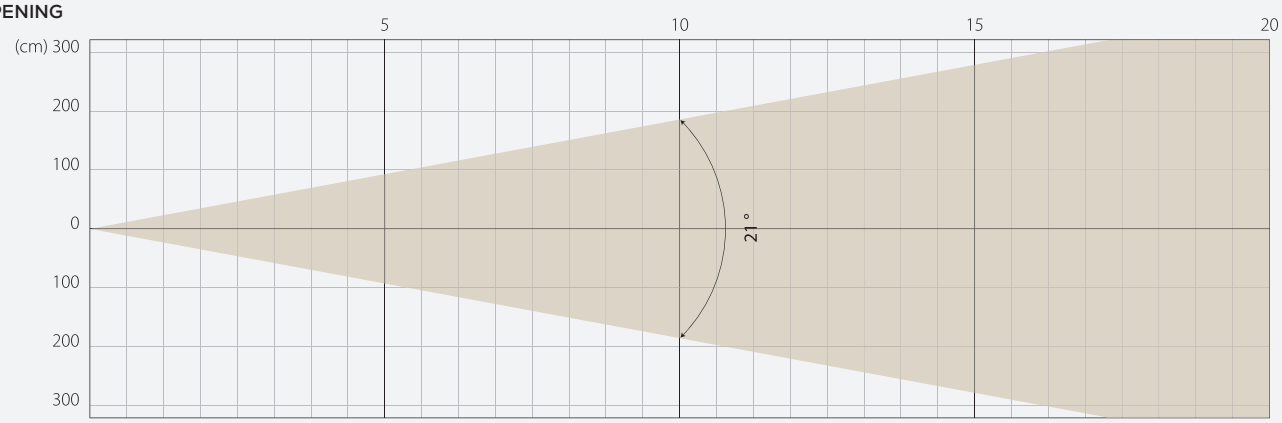


INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	59003	0,35	14751	0,7	6556	1,05	3688	1,4

MIDDLE ZOOM

BEAM OPENING

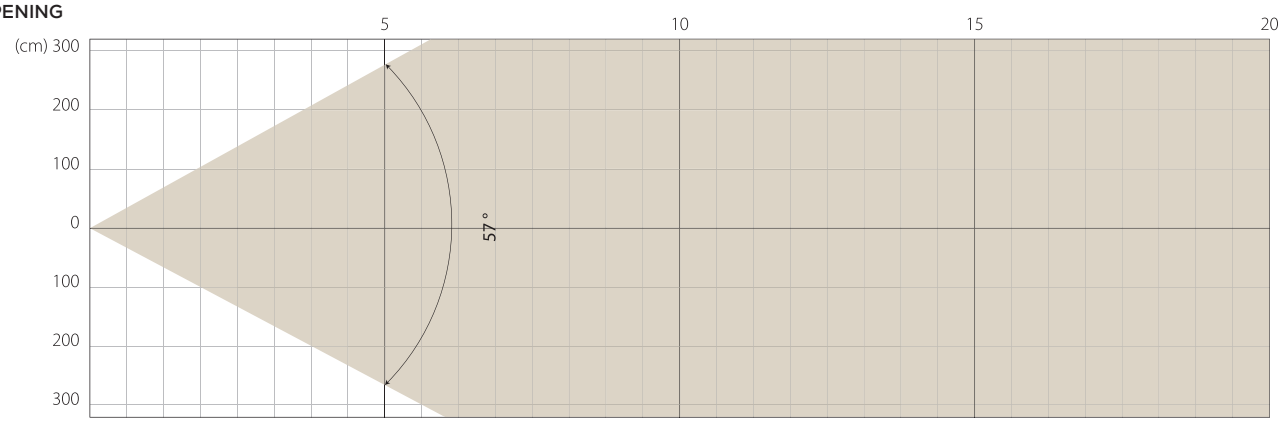


INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	11052	1,85	2763	3,71	1228	5,56	691	7,41

MAX ZOOM

BEAM OPENING



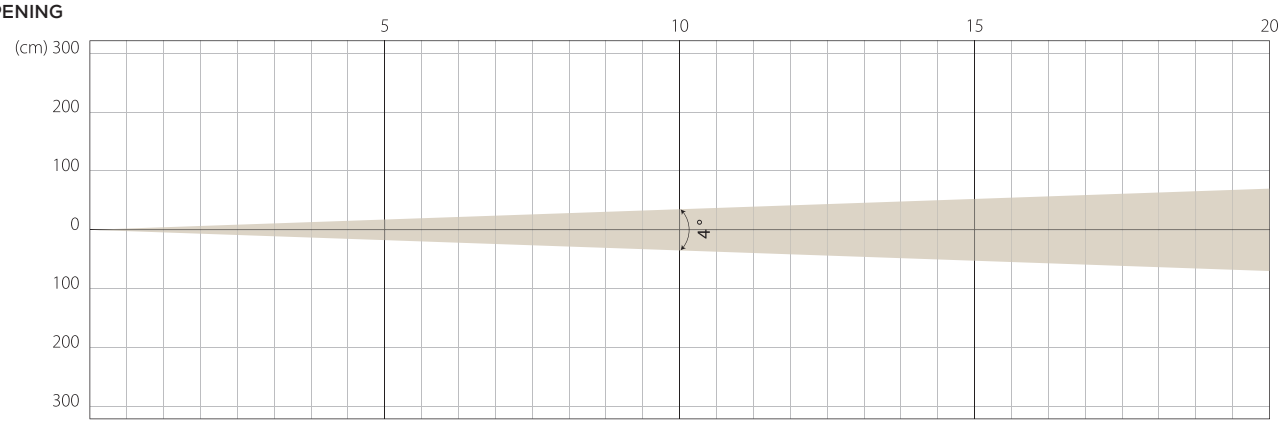
INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	1559	5,43	390	10,86	173	16,29	97	21,72

STAGE MODE | NATIVE CRI GREATER THAN 70

MIN ZOOM

BEAM OPENING

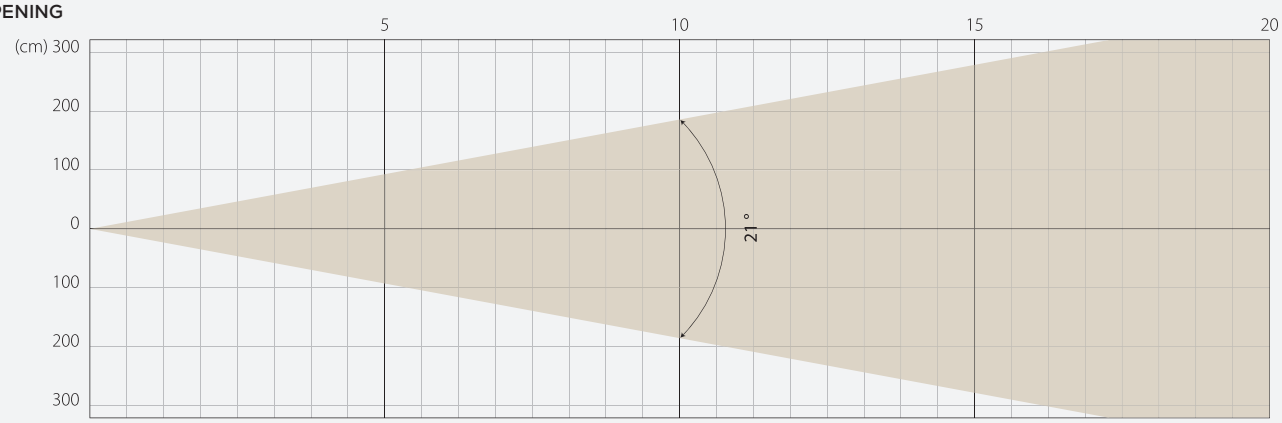


INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	60121	0,35	15030	0,7	6680	1,05	3758	1,4

MIDDLE ZOOM

BEAM OPENING

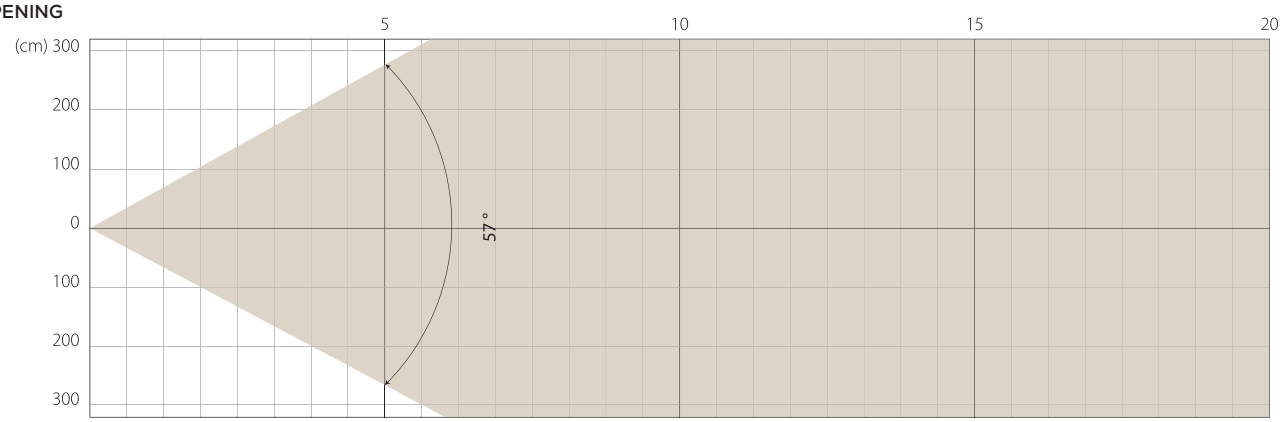


INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	10647	1,85	2669	3,71	1186	5,56	667	7,41

MAX ZOOM

BEAM OPENING



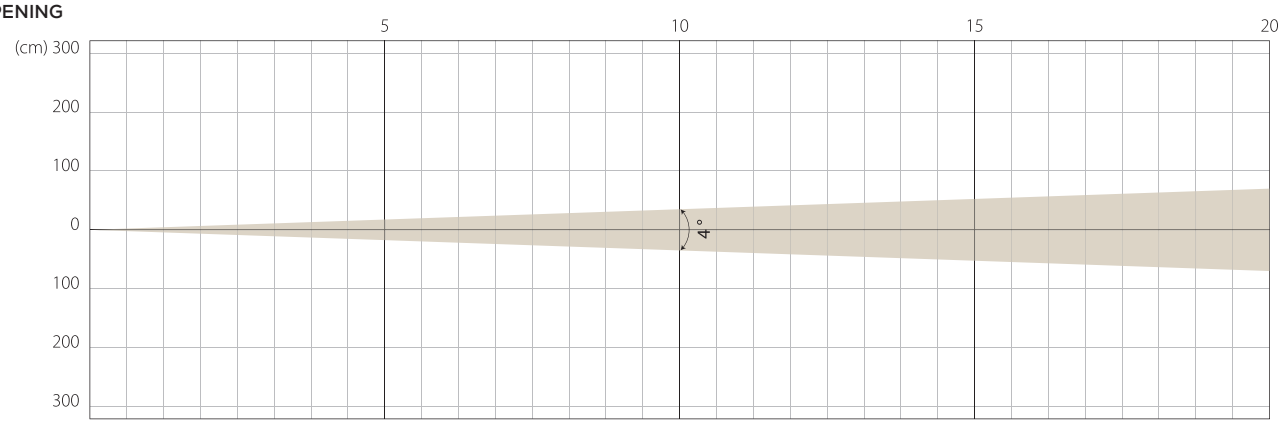
INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	1629	5,43	407	10,86	181	16,29	102	21,72

SILENCE MODE | NATIVE CRI GREATER THAN 70

MIN ZOOM

BEAM OPENING

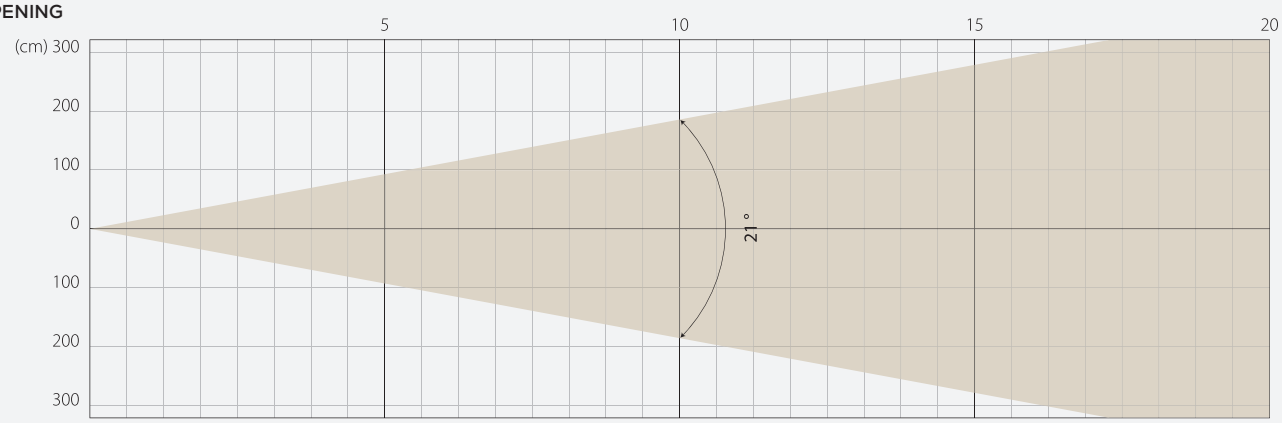


INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	37282	0,35	9321	0,7	4142	1,05	2330	1,4

MIDDLE ZOOM

BEAM OPENING

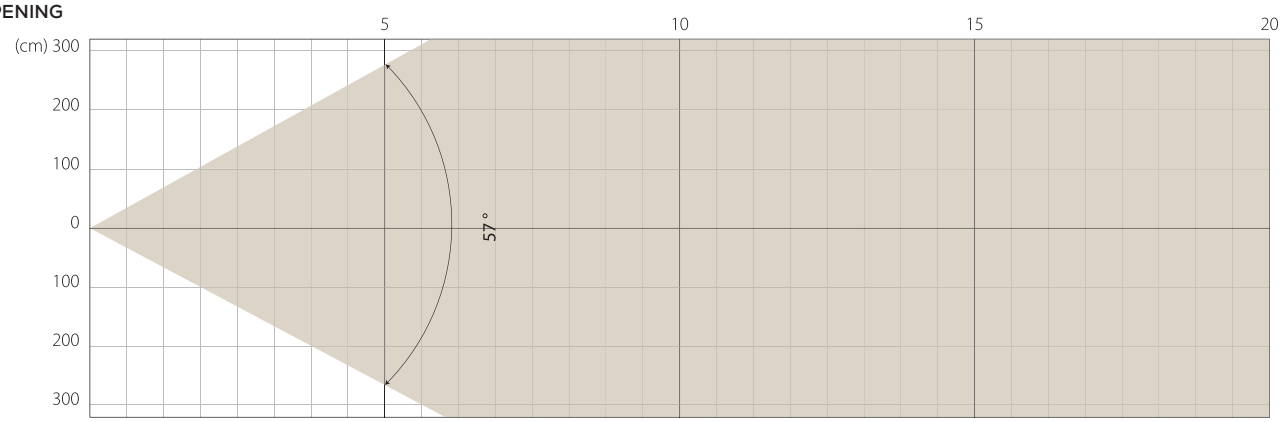


INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	6501	1,85	1625	3,71	722	5,56	406	7,41

MAX ZOOM

BEAM OPENING



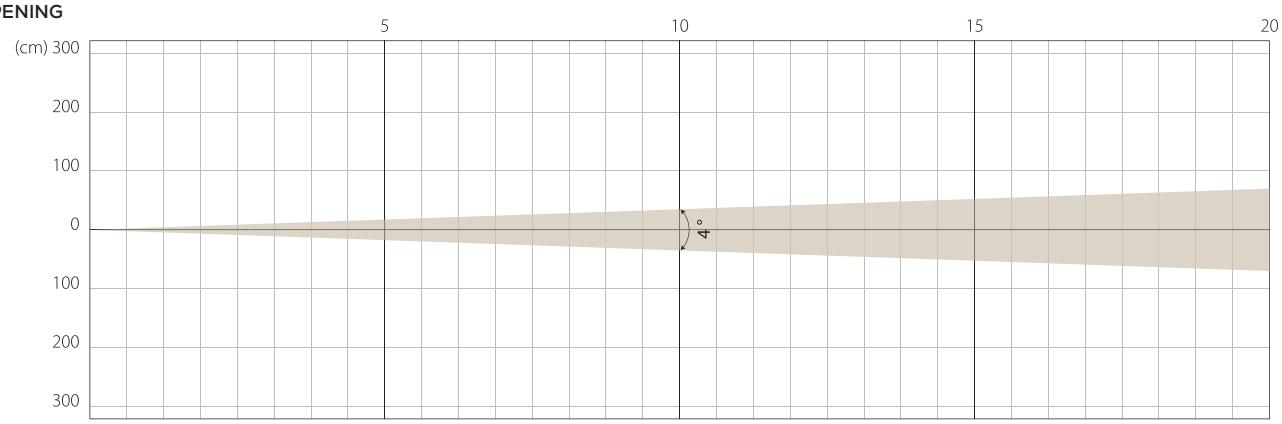
INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	1024	5,43	256	10,86	114	16,29	64	21,72

SUPER SILENCE MODE | NATIVE CRI GREATER THAN 70

MIN ZOOM

BEAM OPENING

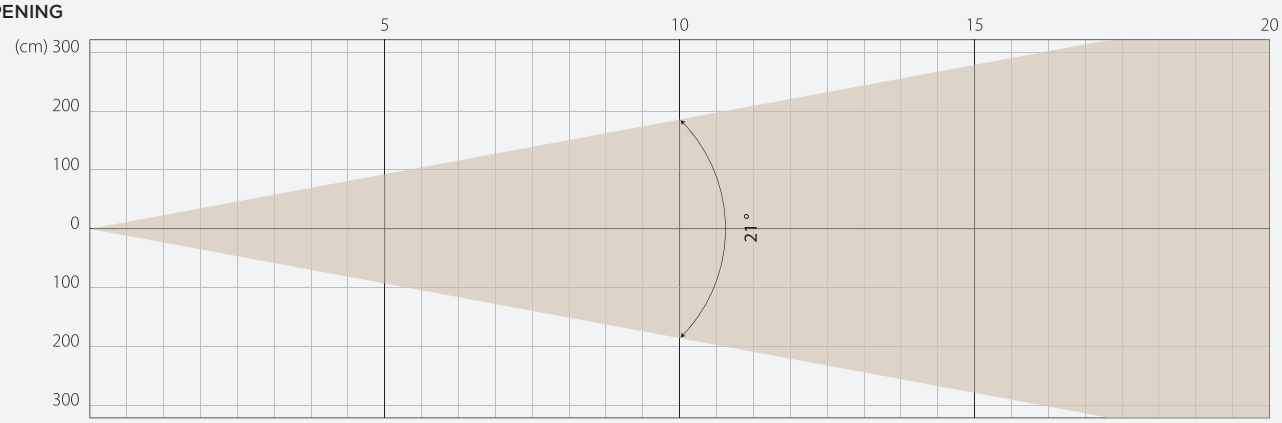


INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	25566	0,35	6391	0,7	2841	1,05	1598	1,4

MIDDLE ZOOM

BEAM OPENING

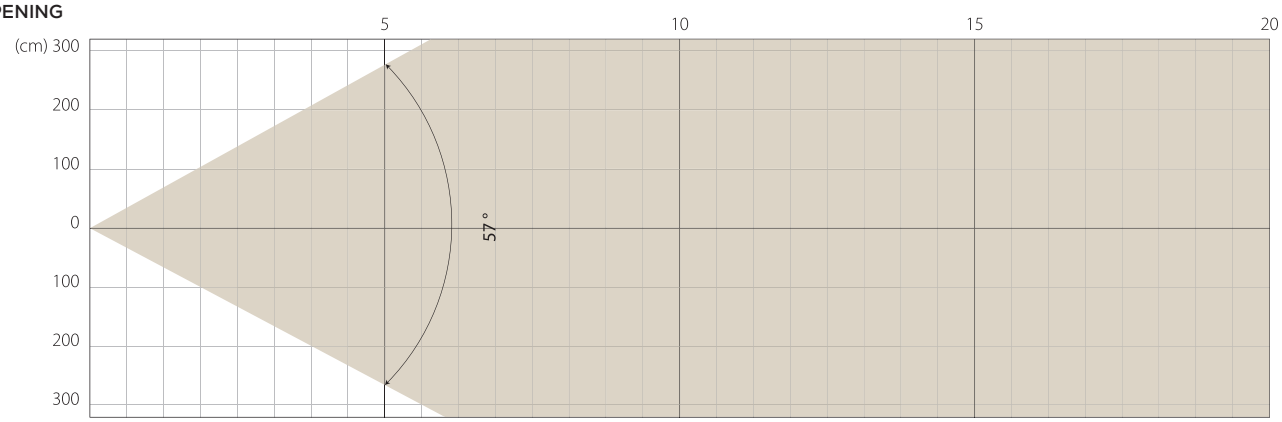


INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	4580	1,85	1145	3,71	509	5,56	286	7,41

MAX ZOOM

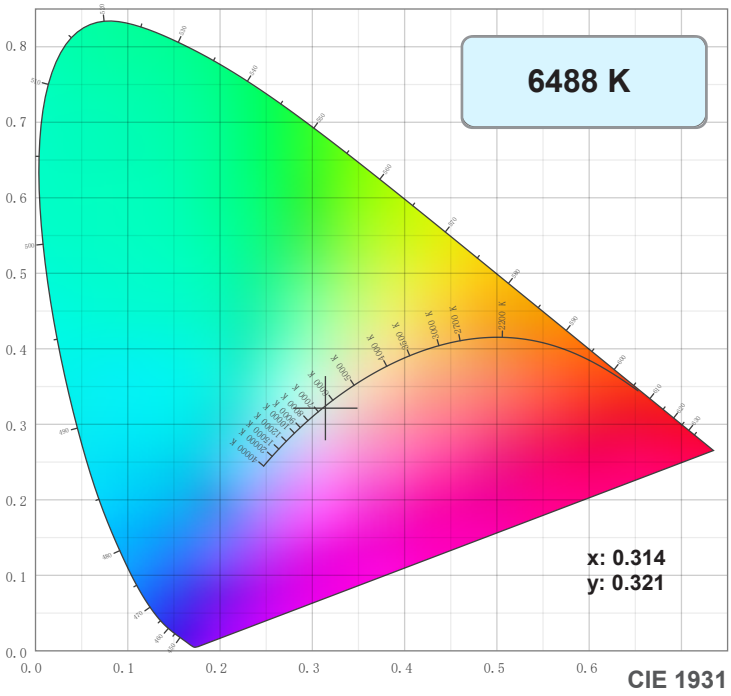
BEAM OPENING



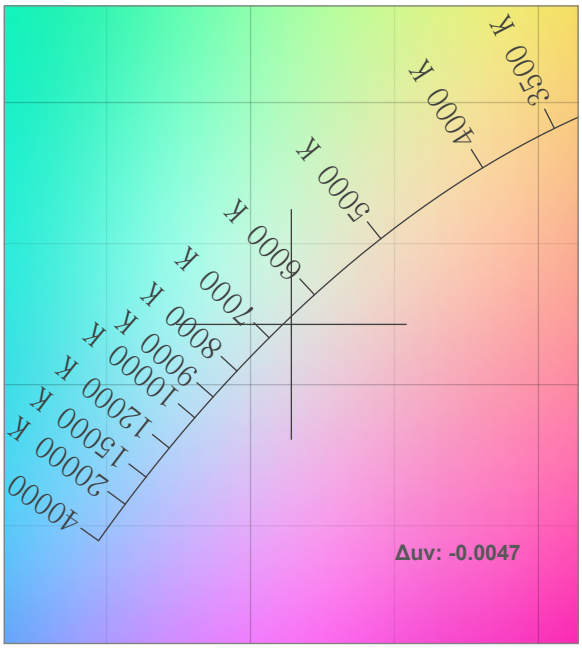
INTENSITY

Distance (m)	5		10		15		20	
unit	Lux	Diameter	Lux	Diameter	Lux	Diameter	Lux	Diameter
White	688	5,43	172	10,86	76	16,29	43	21,72

COLOUR DETAILS

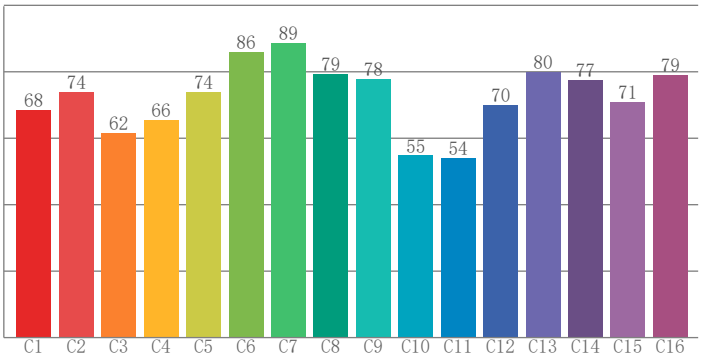


CIE 1931

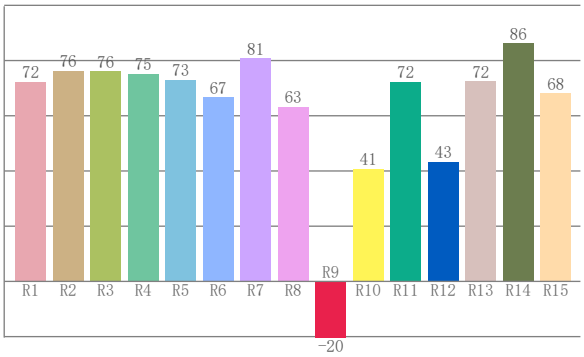


CIE 1931 ZOOM

TM-30: 72.0



CRI: 72.9 (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
72.3	76.3	76.0	75.1	72.9	66.7	80.7	63.2	-20.4	40.7	72.3	43.3	72.4	86.2	68.1

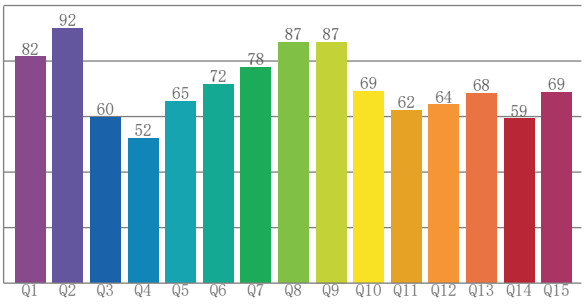
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
68.5	73.9	61.5	65.5	74.0	85.8	88.5	79.3	77.8	54.8	54.1	69.9	79.9	77.4	71.0	79.0

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
81.5	91.8	59.6	52.1	65.4	71.6	77.6	86.7	86.8	69.0	62.3	64.2	68.3	59.2	68.6

CQS: 68.9



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
6488 K	72.9	-20.4	72.0	94.6	68.9	0.314	0.321	0.202	0.310	-0.0047

TM-30 DETAILS

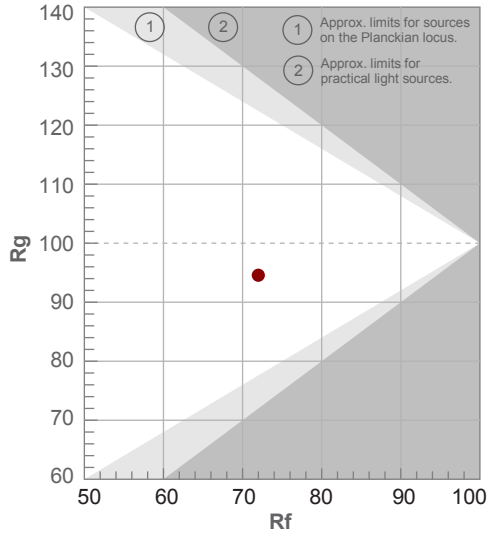
Rf 72.0

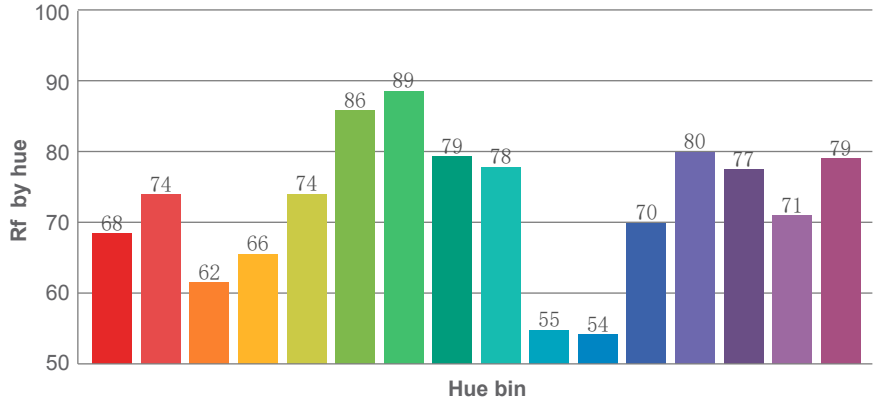
Fidelity index Rf

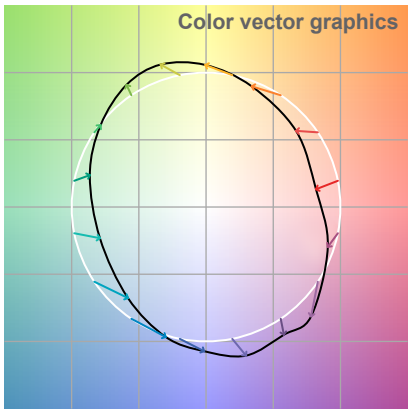
Rg 94.6

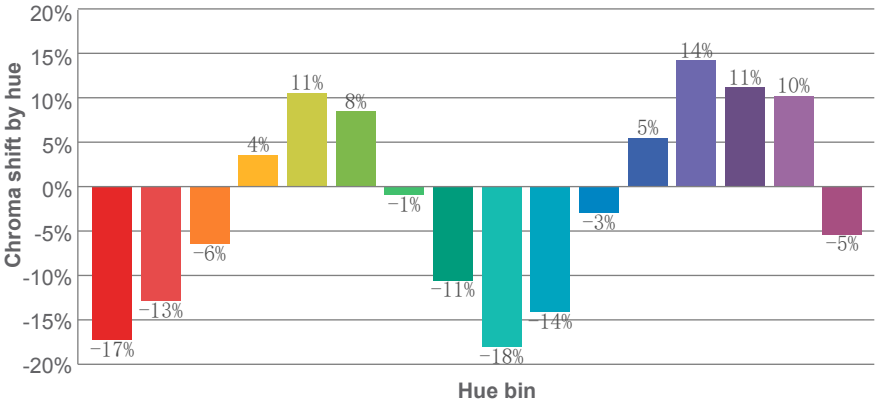
Gamut index Rg

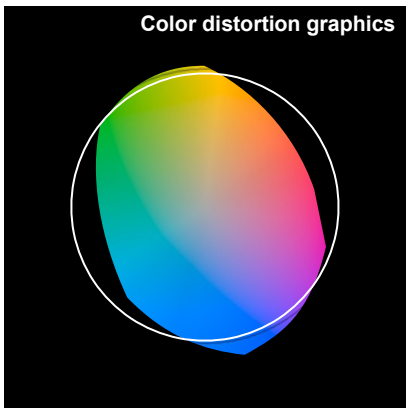
		Shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	68	-17%	-3%
2	74	-13%	10%
3	62	-6%	22%
4	66	4%	21%
5	74	11%	12%
6	86	8%	-1%
7	89	-1%	-7%
8	79	-11%	-6%
9	78	-18%	7%
10	55	-14%	24%
11	54	-3%	29%
12	70	5%	20%
13	80	14%	8%
14	77	11%	-5%
15	71	10%	-24%
16	79	-5%	-11%

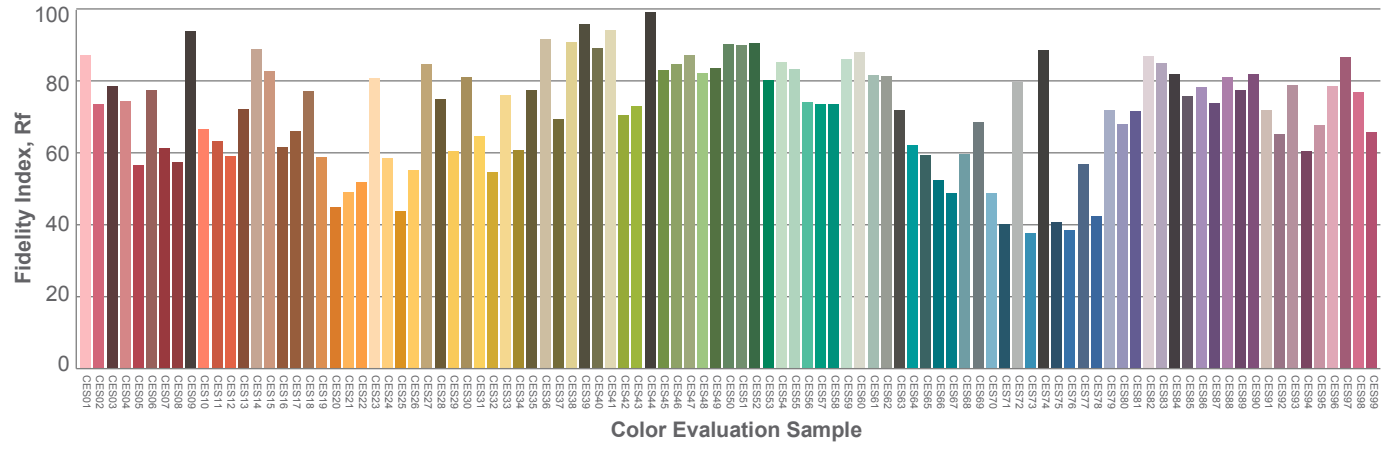




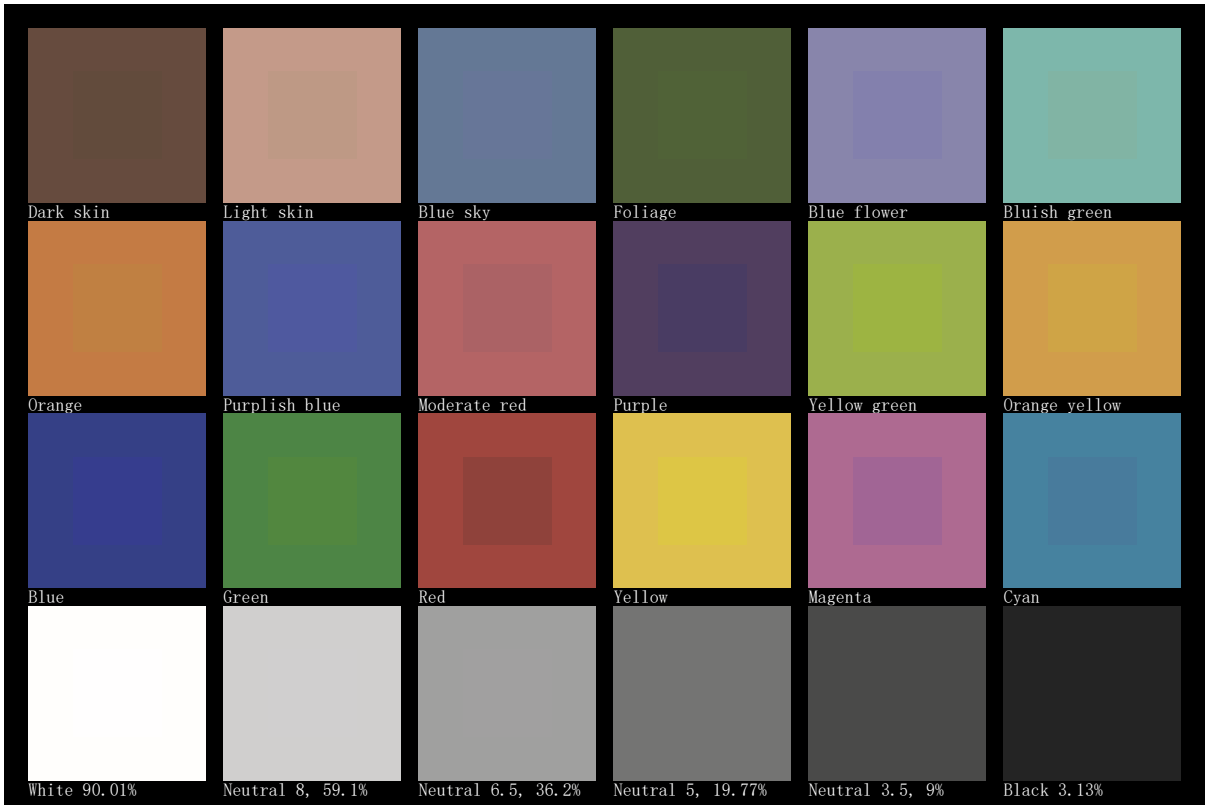








TLCI 49


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