

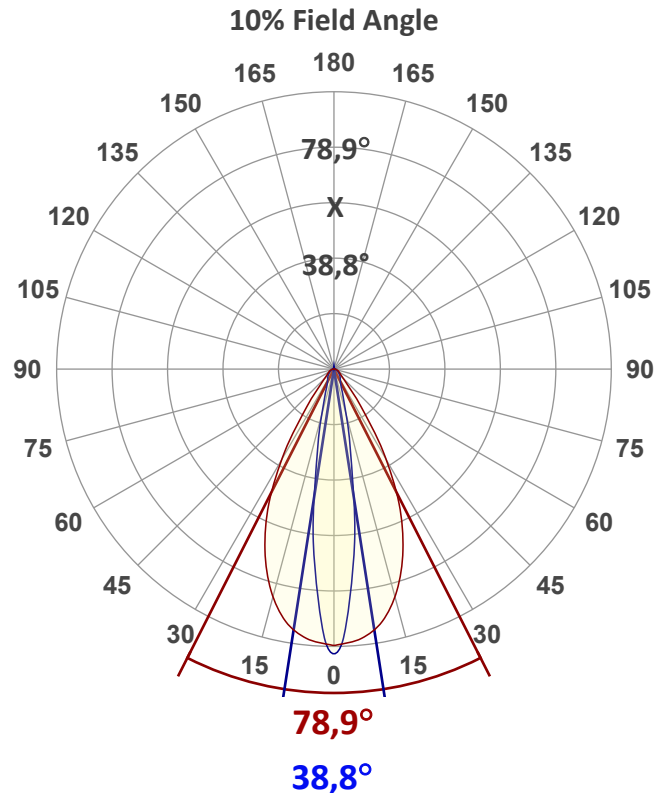
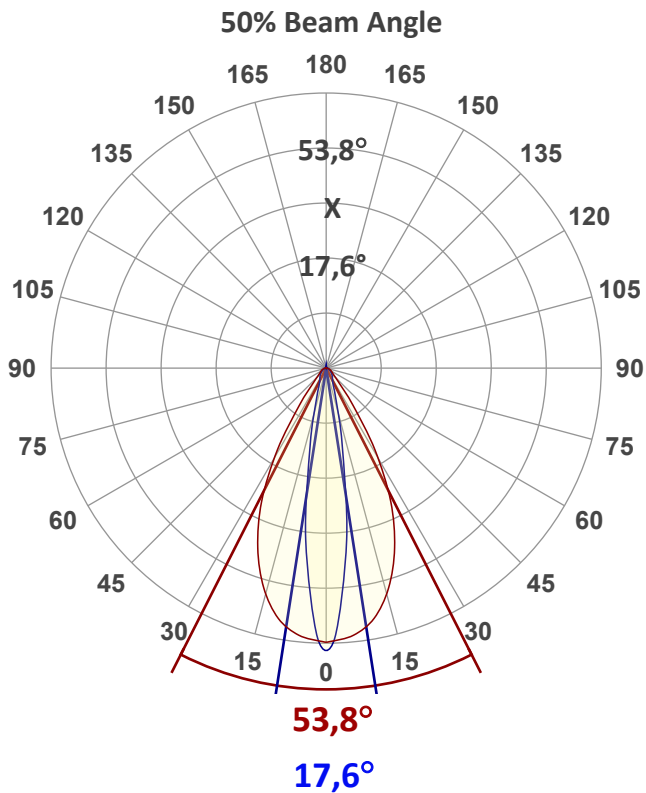
Report Summary



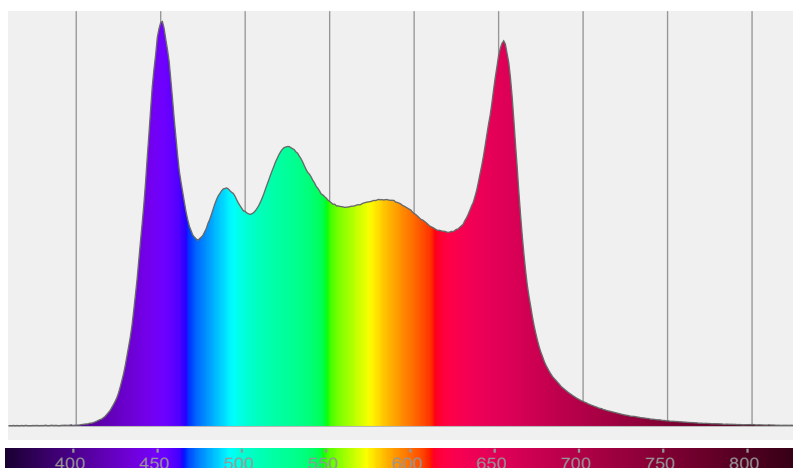
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 29344 lm / 56892 cd	Beam Angle (50%): 53,8°x17,6°	AC Supply: 223 V / 50 Hz
Fixture Efficiency: 36 lm/W	Field Angle (10%): 78,9°x38,8°	Power: 810,7 W
Intensity @ 5m: 2262 lx	Cutoff Angle (2,5%): 112,4°x 95,7°	Current: 3,72 A
Color Temperature: 5647 K		Power Factor: 0,98
CRI: 97,0		
CRI R9 Value: 79,3		
CQS: 97,2		
TLCI: 99		
TM-30 Rf: 94,4		
TM-30 Rg: 101,4		

Details



Spectral Distribution



CIE 1931

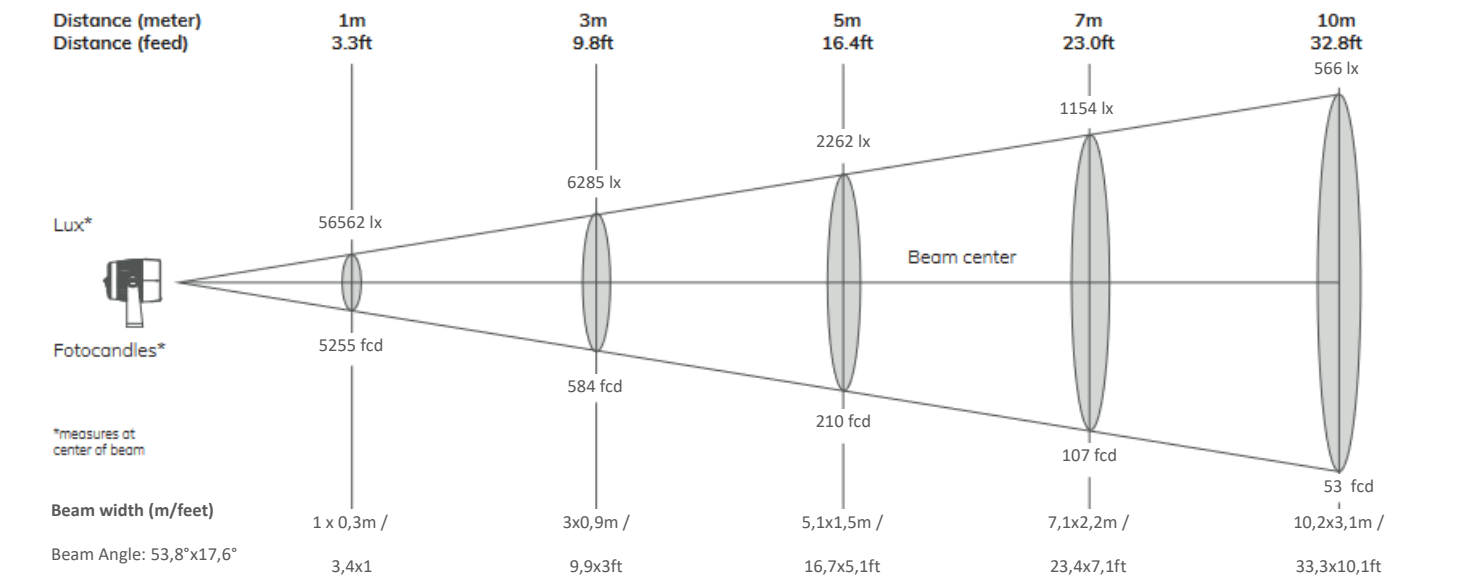
x: 0,329 y: 0,345

Light Quality

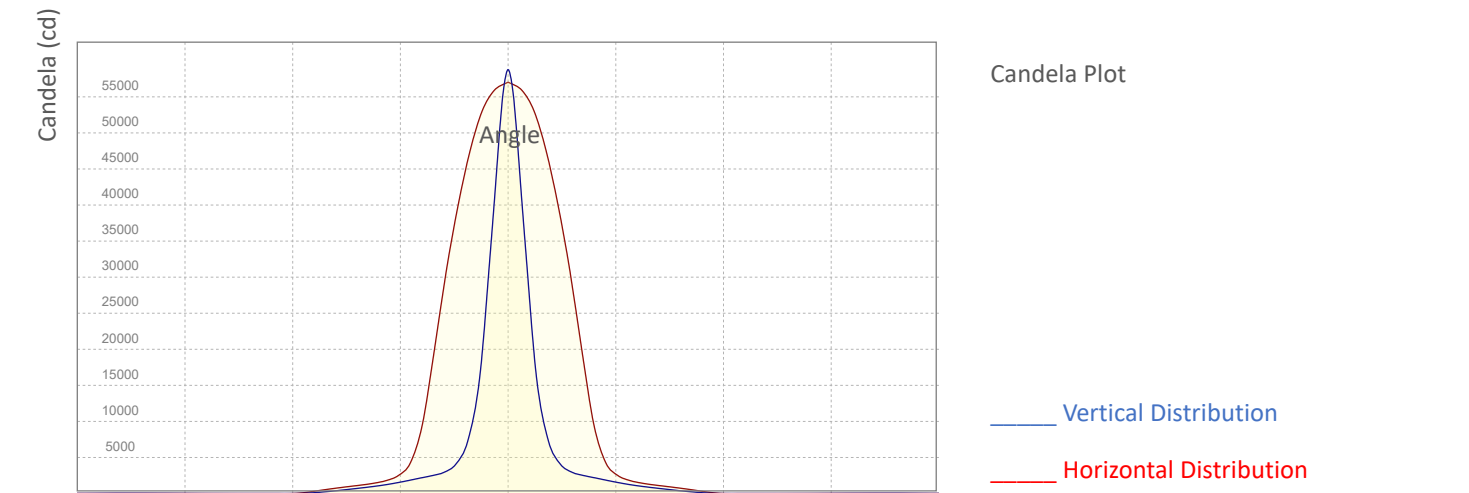
CRI: 97,0

Color Temperature

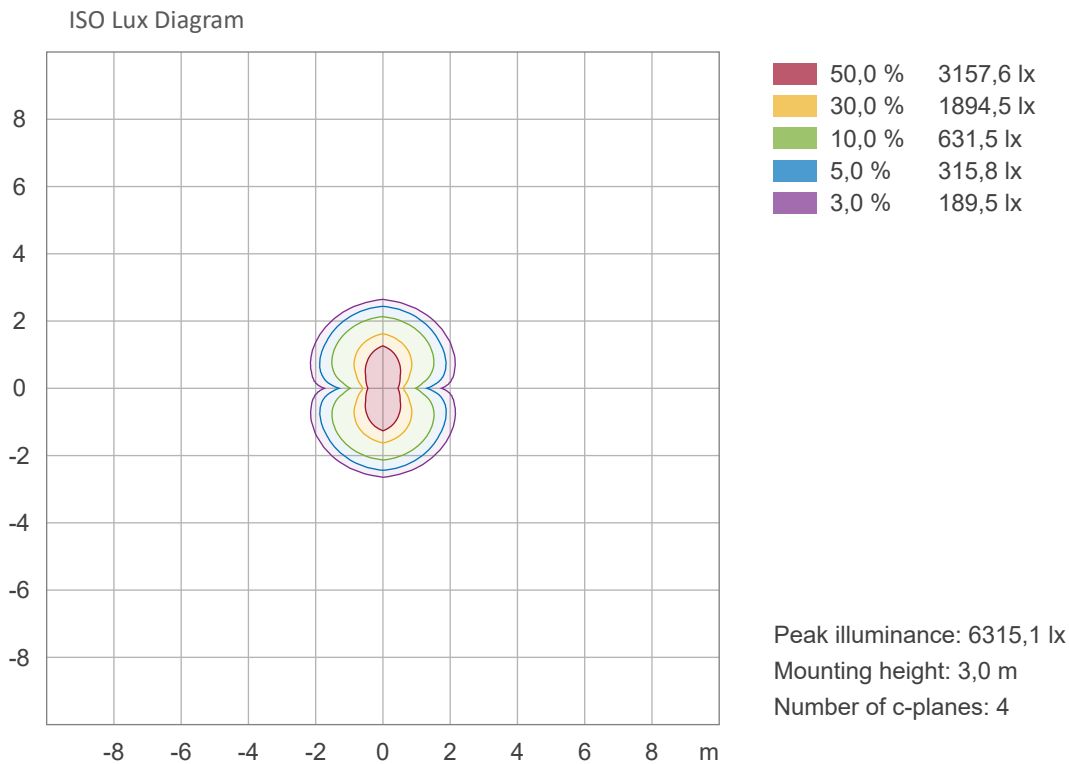
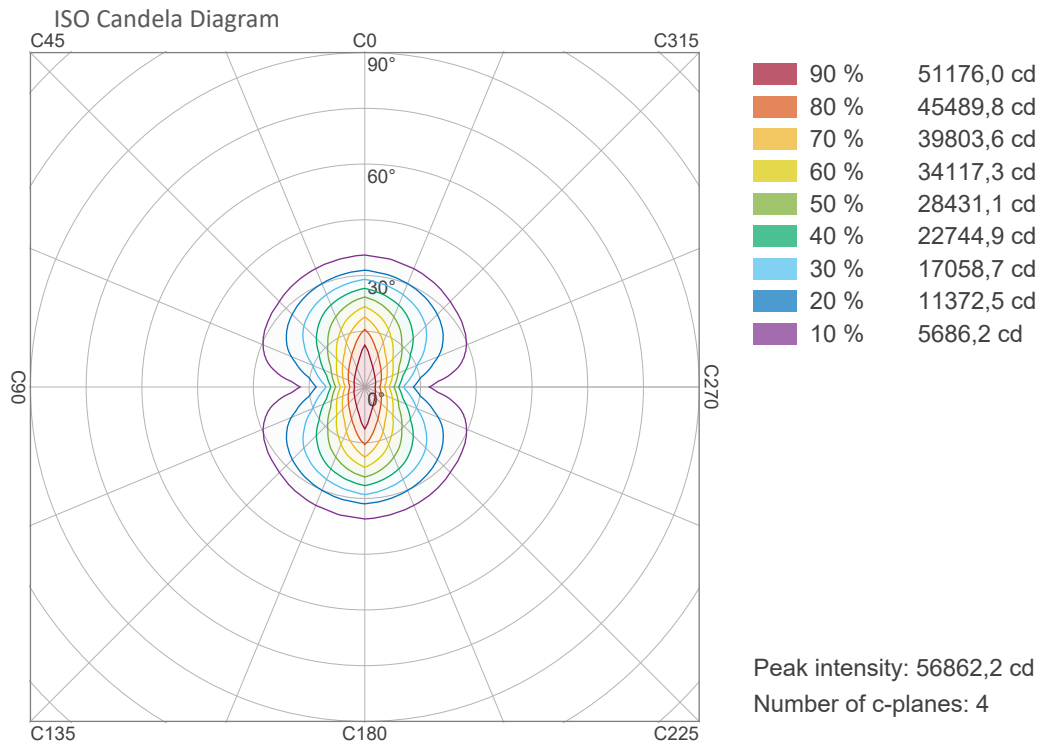
5647 K



Angle	Distance									
	1m / 3.3ft		3m / 9.8ft		5m / 16.4ft		7m / 23ft		10m / 32.8ft	
	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet
Beam Angle: 53,8°x17,6°	56562/ 5255	1x0,3/ 3,4x1	6285/ 584	3x0,9/ 9,9x3	2262/ 210	5,1x1,5/ 16,7x5,1	1154/ 107	7,1x2,2/ 23,4x7,1	566/ 53	10,2x3,1/ 33,3x10,1

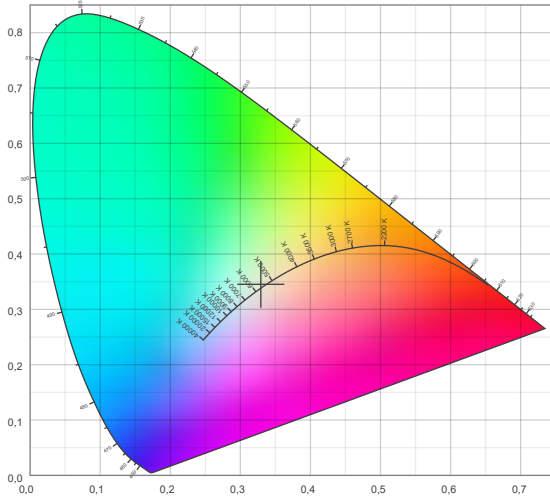


ISO Diagrams

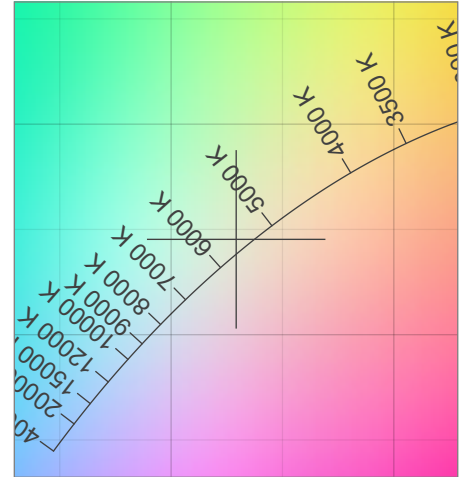


Chromaticity

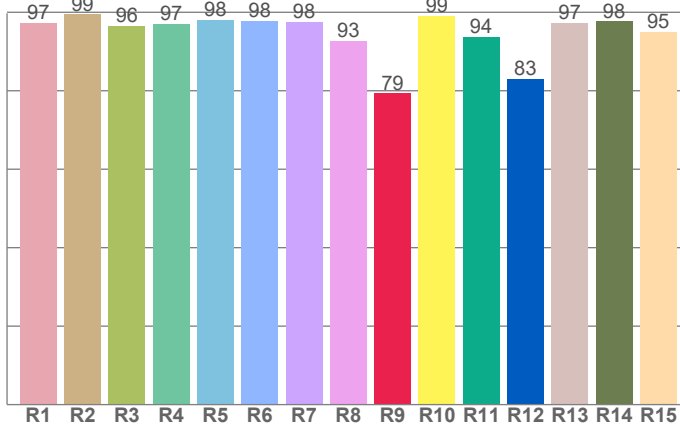
CIE 1931



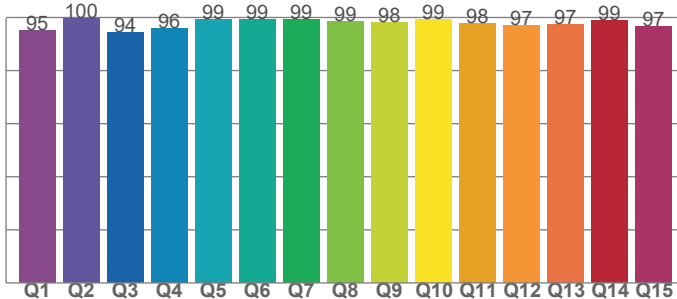
CIE 1931 - Zoom



CRI: 97,0 (R1-R8)



CQS: 97,2



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5647K	0,329	0,345

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0036	0,203	0,319

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
97,0	79,3	97,2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
99	94,4	101,4

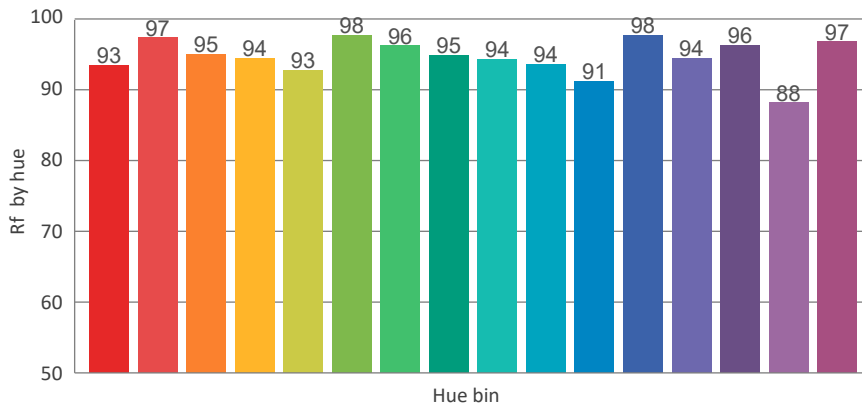
TM30 Details

Rf 94,4

Fidelity Index Rf

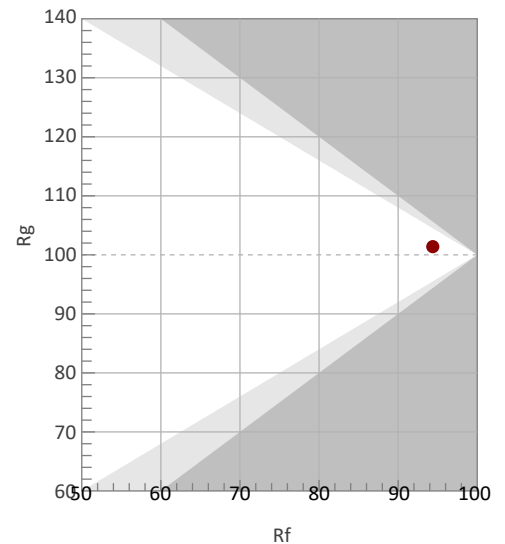
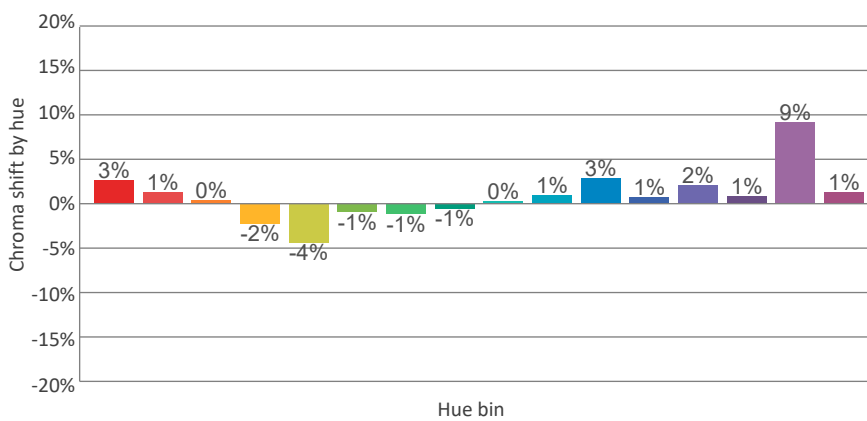
Rg 101,4

Gamut Index Rg

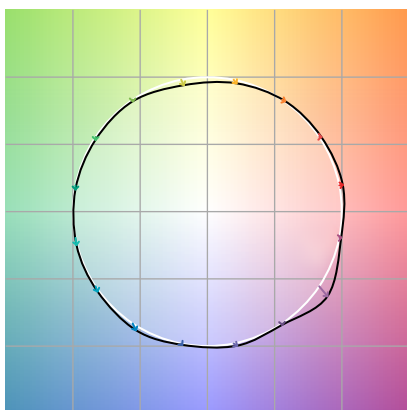


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

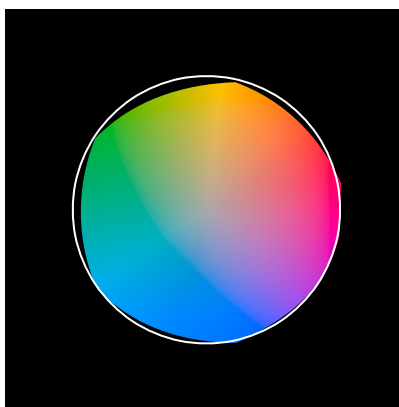
TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

