

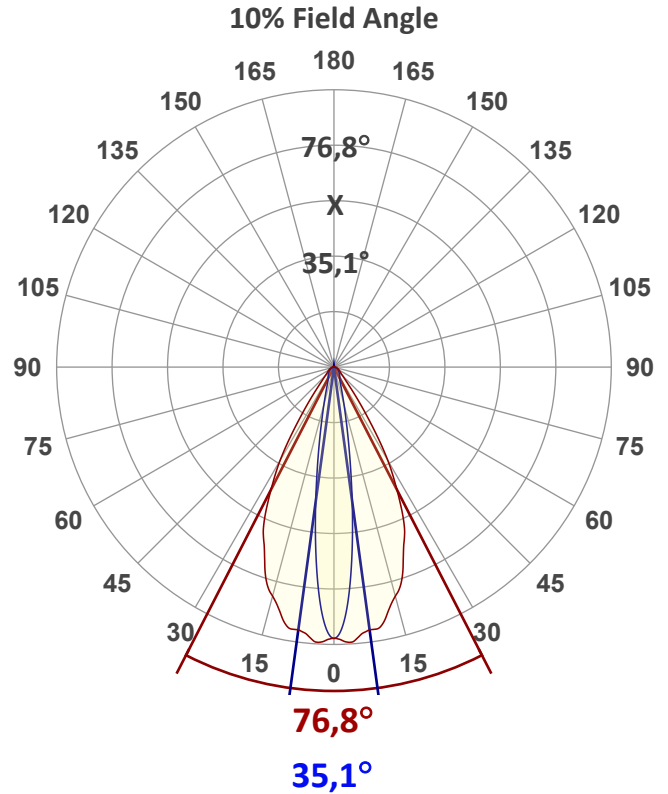
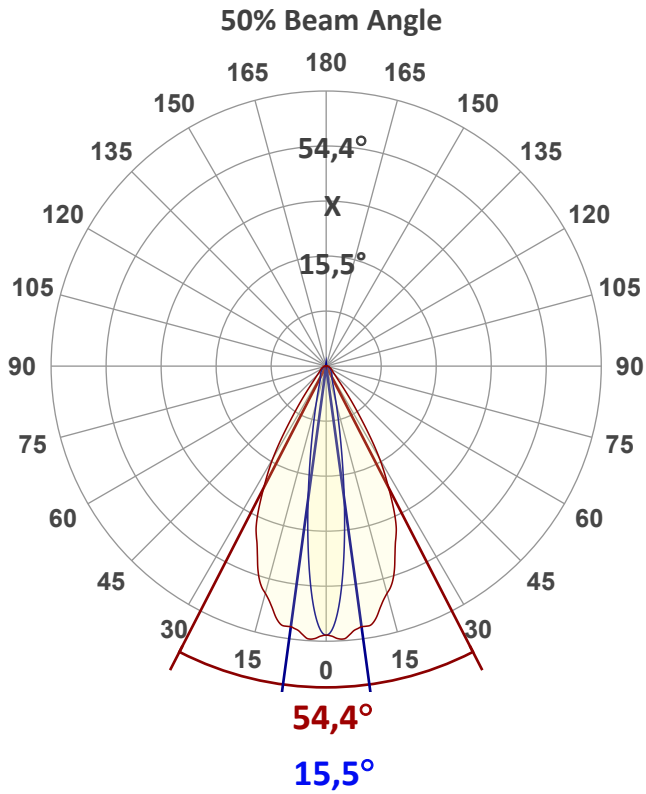
Report Summary



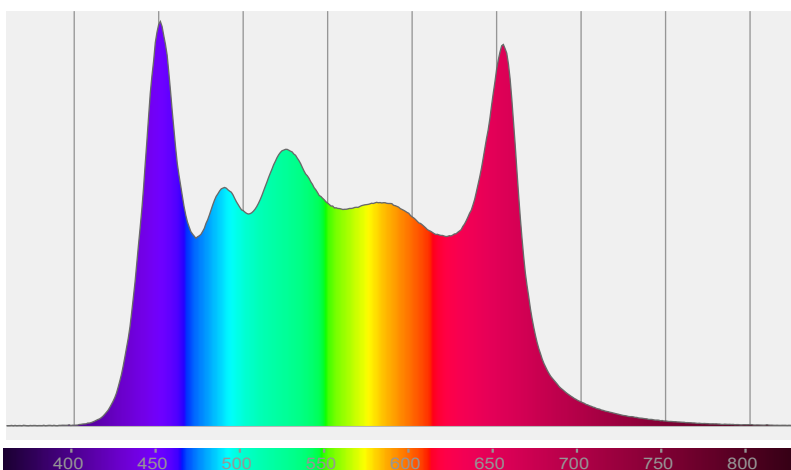
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 18461 lm / 50866 cd	Beam Angle (50%): 54,4°x15,5°	AC Supply: 223 V / 50 Hz
Fixture Efficiency: 25 lm/W	Field Angle (10%): 76,8°x35,1°	Power: 728,7 W
Intensity @ 5m: 2002 lx	Cutoff Angle (2,5%): 111,1°x 90,9°	Current: 3,34 A
Color Temperature: 5729 K		Power Factor: 0,98
CRI: 97,1		
CRI R9 Value: 79,2		
CQS: 97,1		
TLCI: 99		
TM-30 Rf: 94,1		
TM-30 Rg: 101,2		

Details



Spectral Distribution



CIE 1931

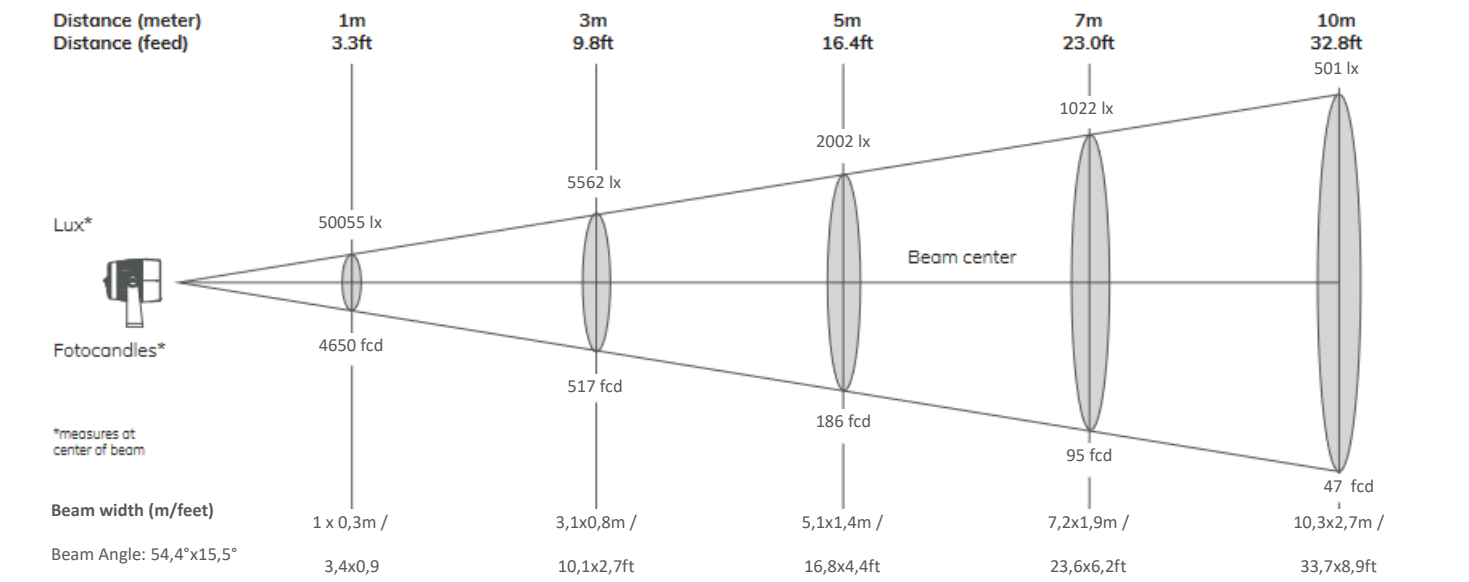
x: 0,327 y: 0,344

Light Quality

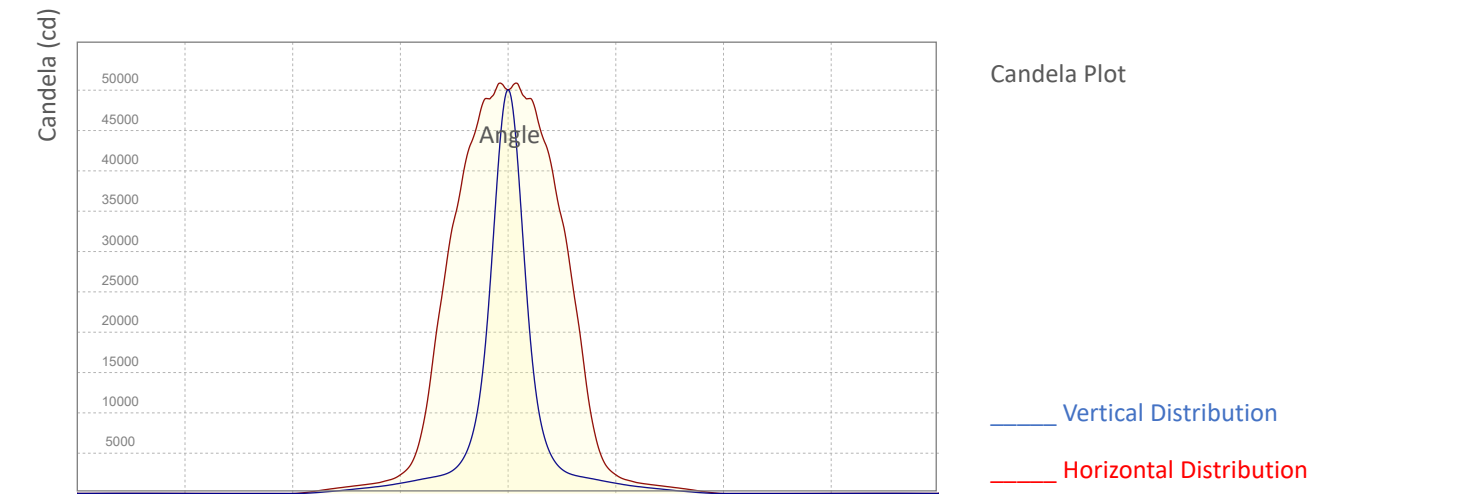
CRI: 97,1

Color Temperature

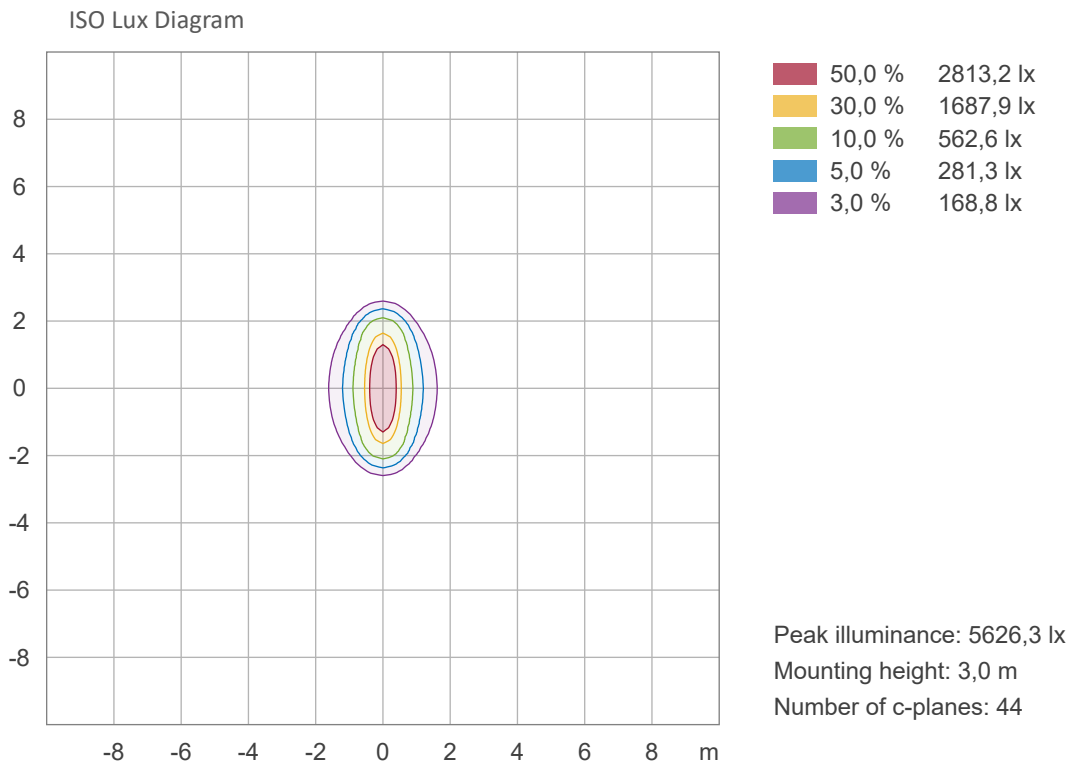
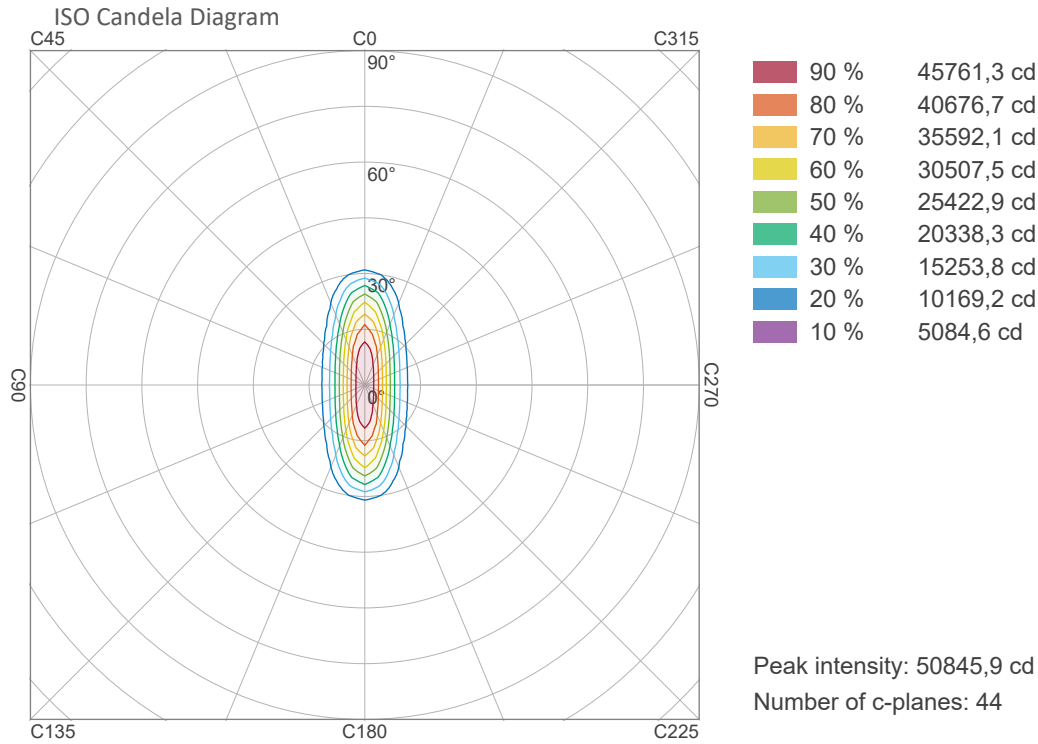
5729 K



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: 54,4°x15,5°	50055/ 4650	1x0,3/ 3,4x0,9	5562/ 517	3,1x0,8/ 10,1x2,7	2002/ 186	5,1x1,4/ 16,8x4,4	1022/ 95	7,2x1,9/ 23,6x6,2	501/ 47	10,3x2,7/ 33,7x8,9

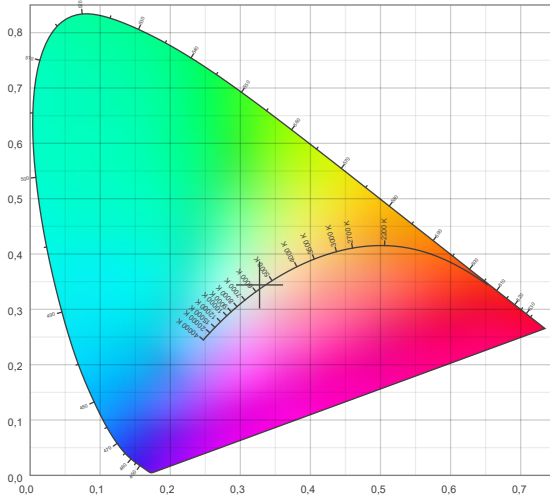


ISO Diagrams

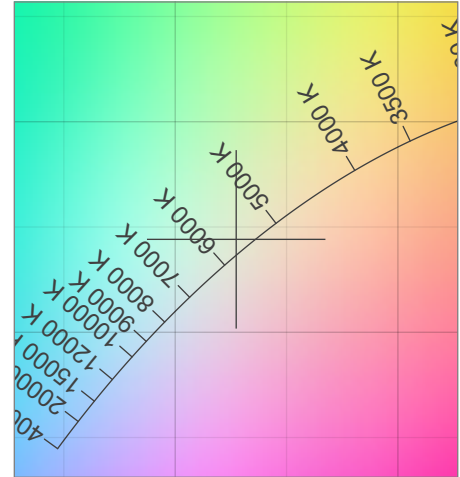


Chromaticity

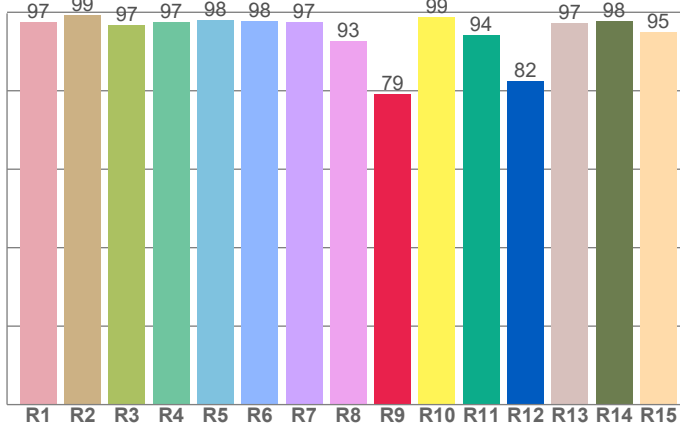
CIE 1931



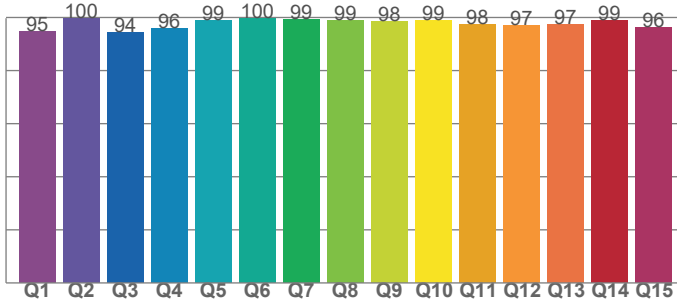
CIE 1931 - Zoom



CRI: 97,1 (R1-R8)



CQS: 97,1



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5729K	0,327	0,344

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0039	0,202	0,319

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
97,1	79,2	97,1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
99	94,1	101,2

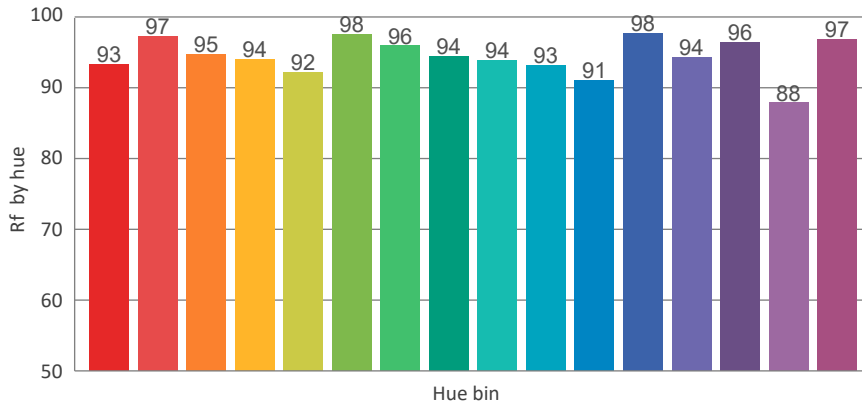
TM30 Details

Rf 94,1

Fidelity Index Rf

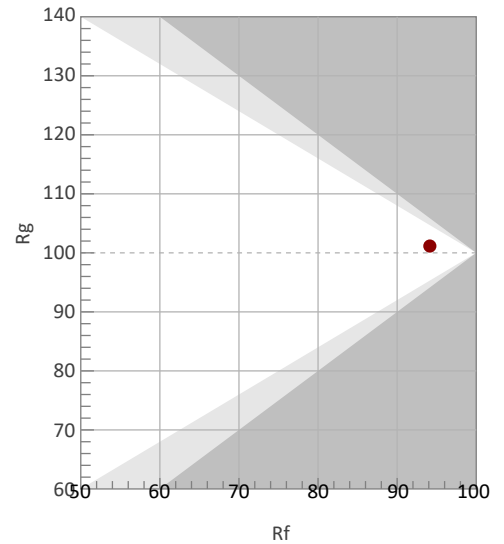
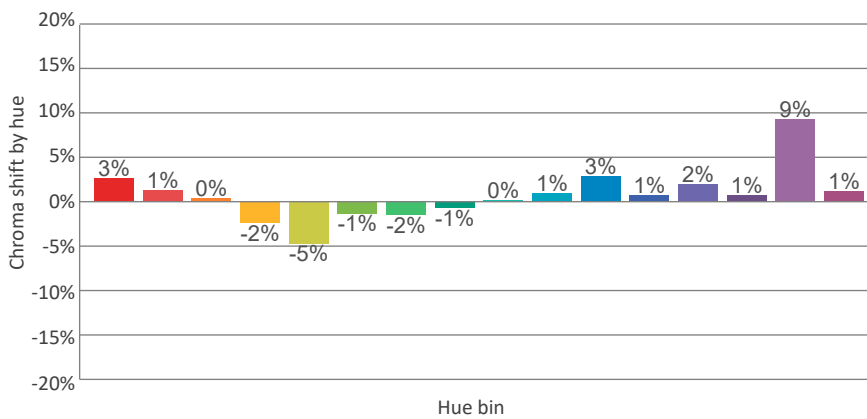
Rg 101,2

Gamut Index Rg

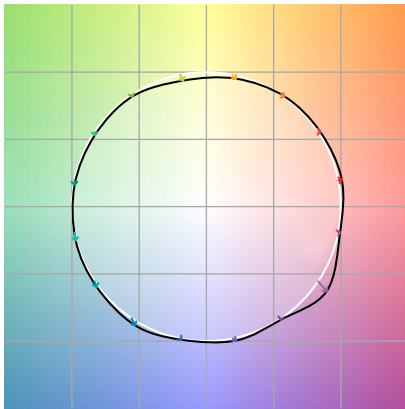


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

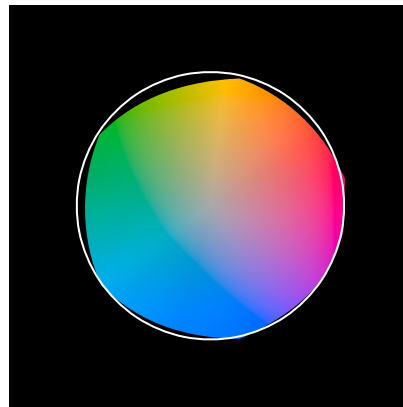
TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

