

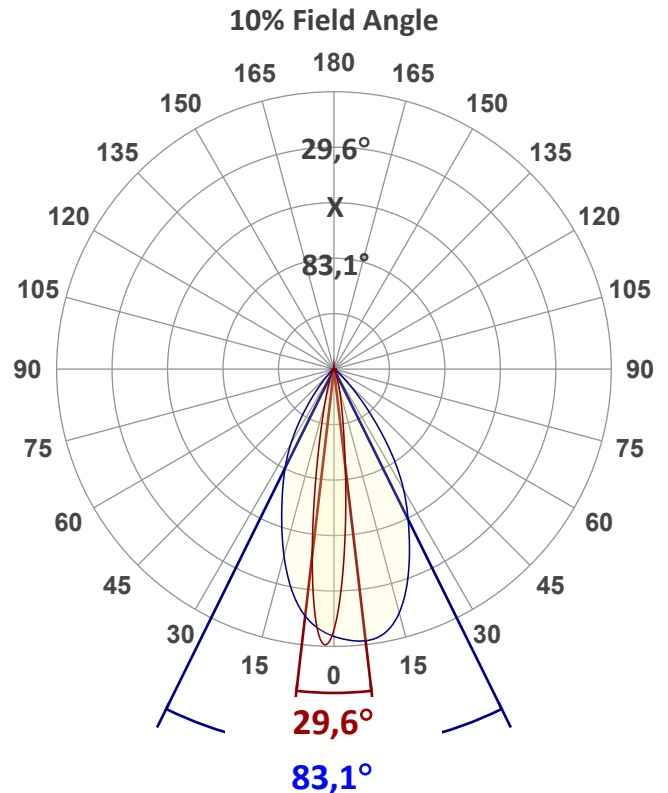
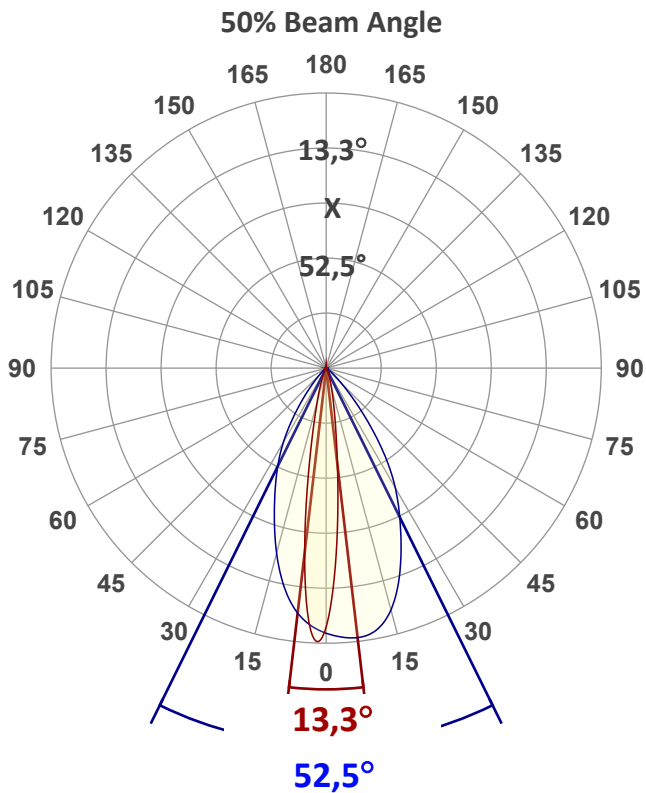
Report Summary



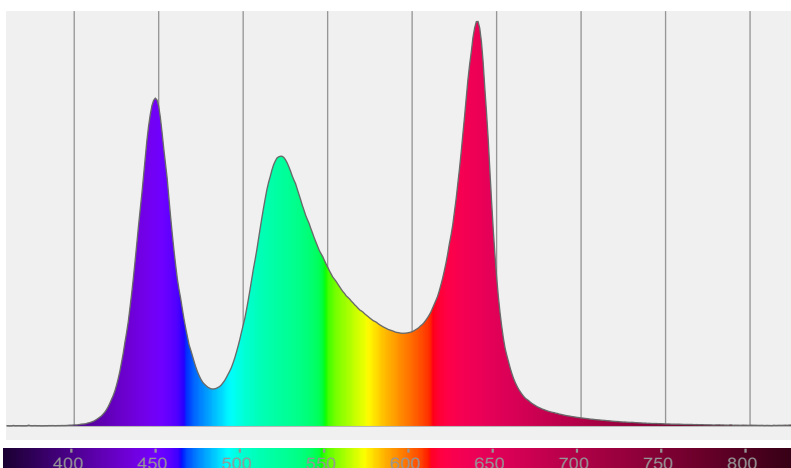
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 13666 lm / 49461 cd	Beam Angle (50%): 13,3°x52,5°	AC Supply: 224 V / 50 Hz
Fixture Efficiency: 35 lm/W	Field Angle (10%): 29,6°x83,1°	Power: 392,1 W
Intensity @ 5m: 1846 lx	Cutoff Angle (2,5%): 47°x 98,2°	Current: 1,82 A
Color Temperature: 5783 K		Power Factor: 0,96
CRI: 74,9		
CRI R9 Value: -16,8		
CQS: 85,4		
TLCI: 63		
TM-30 Rf: 81,5		
TM-30 Rg: 115,3		

Details



Spectral Distribution



CIE 1931

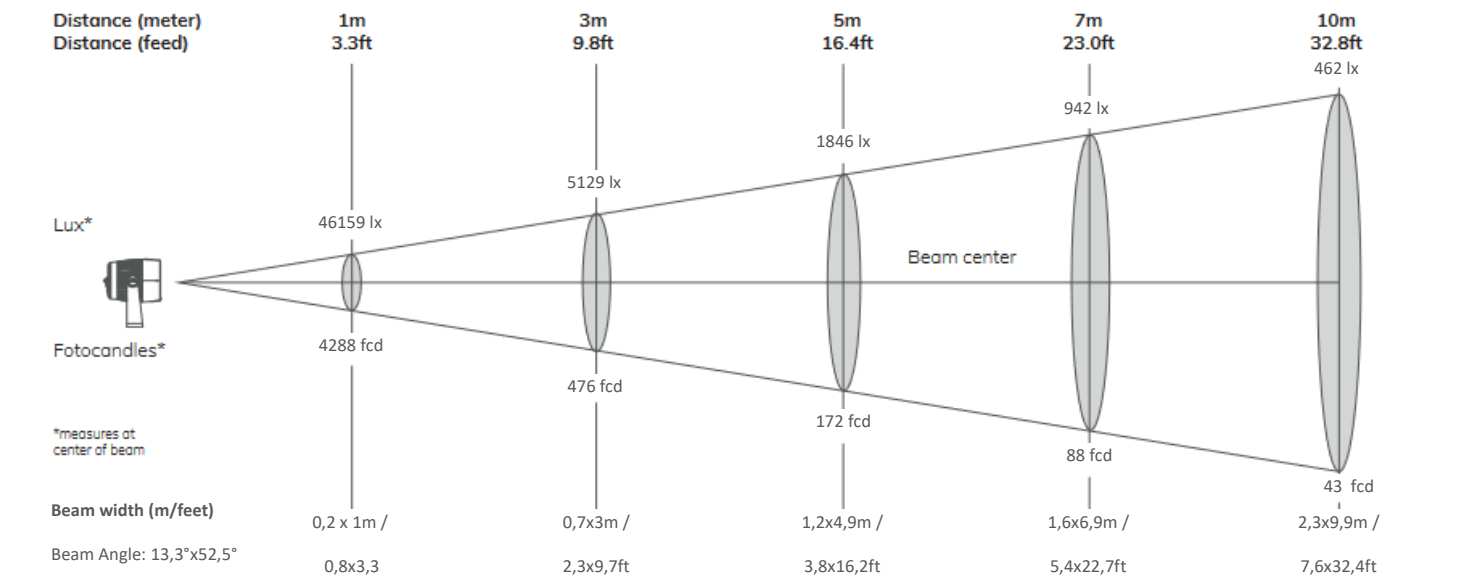
x: 0,326 y: 0,343

Light Quality

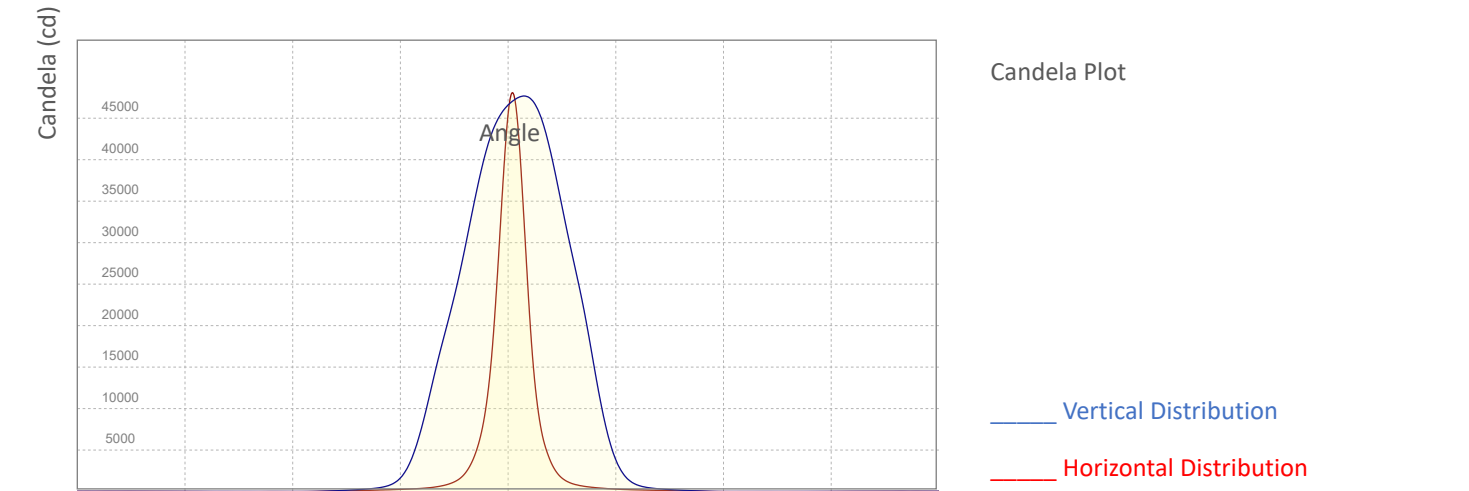
CRI: 74,9

Color Temperature

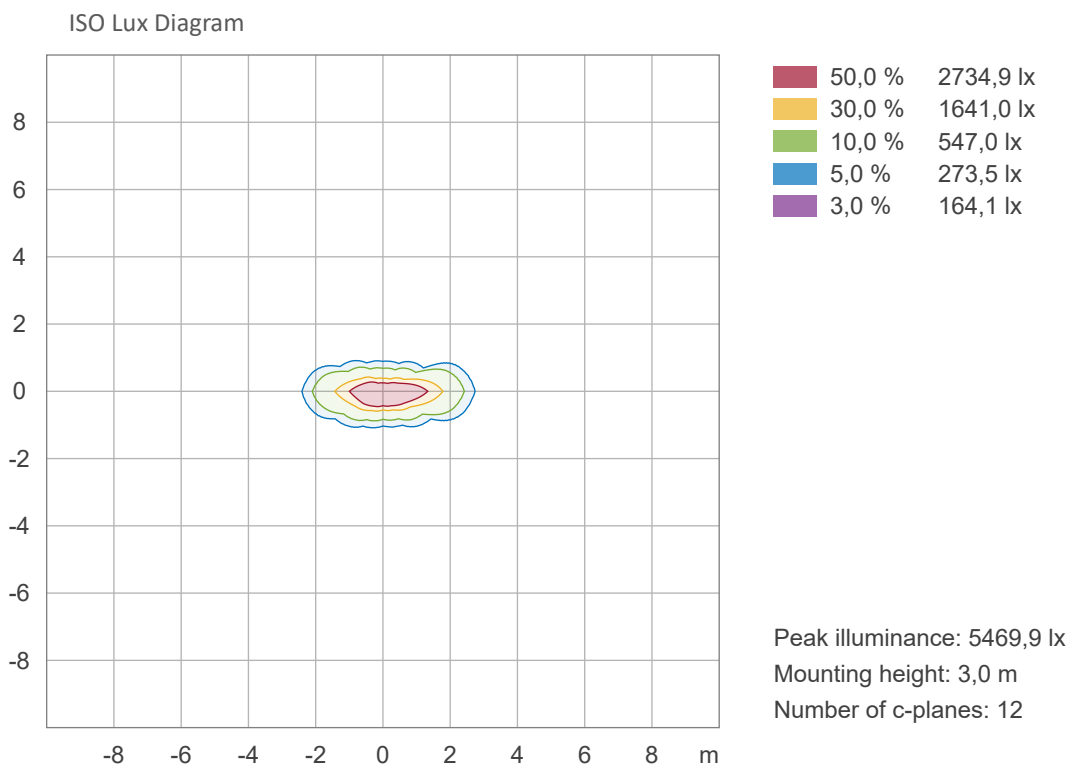
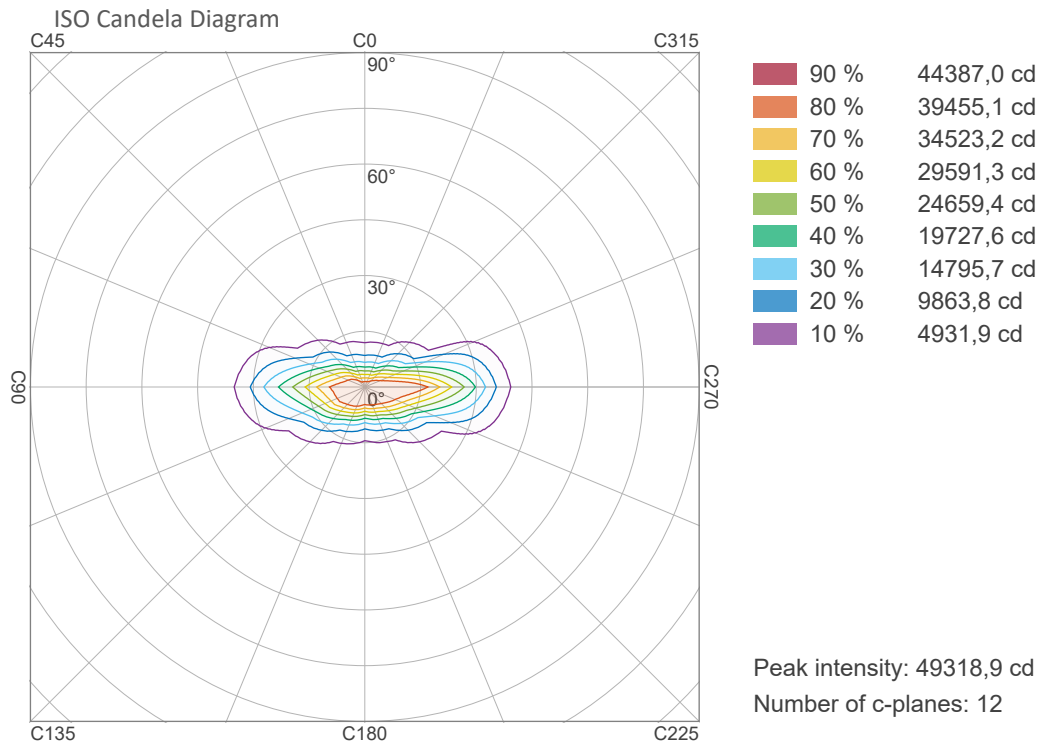
5783 K



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: 13,3°x52,5°	46159/ 4288	0,2x1/ 0,8x3,3	5129/ 476	0,7x3/ 2,3x9,7	1846/ 172	1,2x4,9/ 3,8x16,2	942/ 88	1,6x6,9/ 5,4x22,7	462/ 43	2,3x9,9/ 7,6x32,4

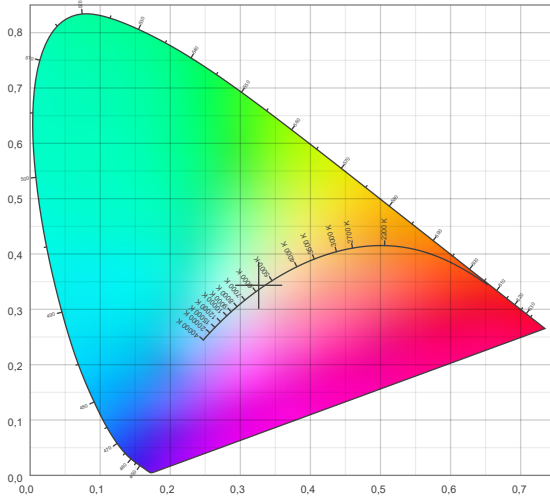


ISO Diagrams

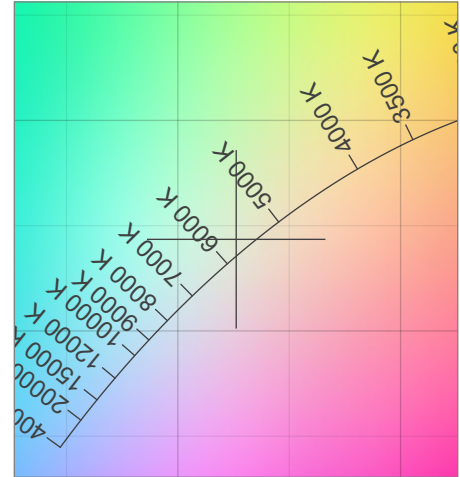


Chromaticity

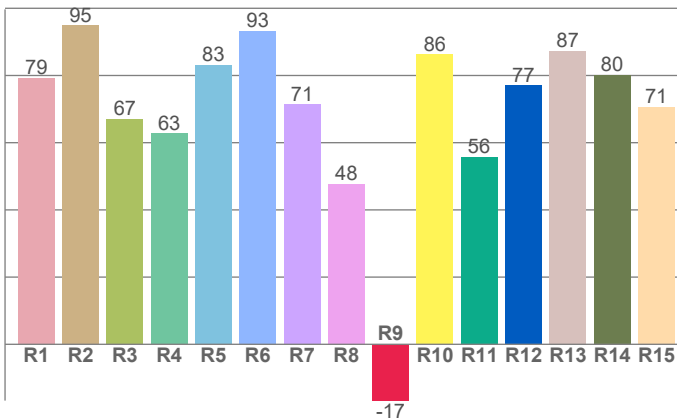
CIE 1931



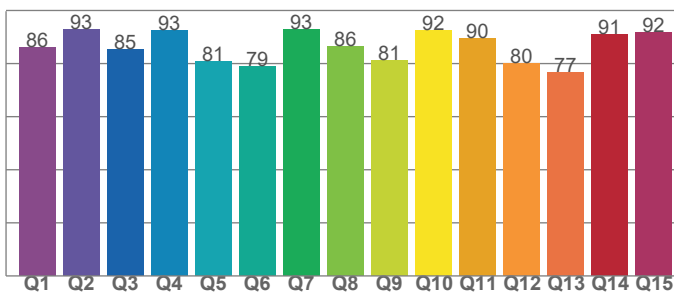
CIE 1931 - Zoom



CRI: 74,9 (R1-R8)



CQS: 85,4



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5783K	0,326	0,343

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0041	0,202	0,319

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
74,9	-16,8	85,4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
63	81,5	115,3

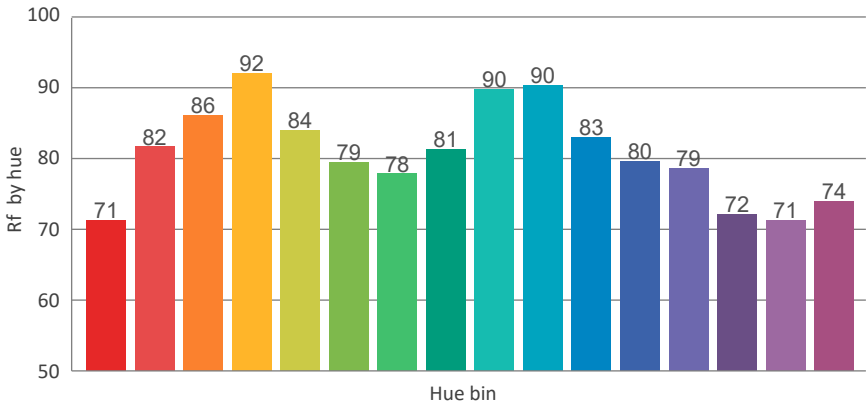
TM30 Details

Rf 81,5

Fidelity Index Rf

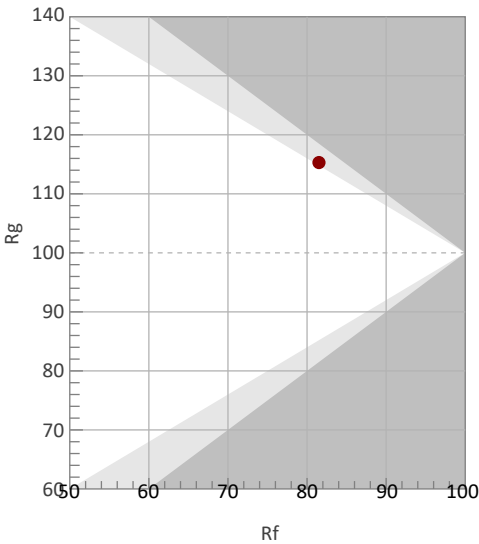
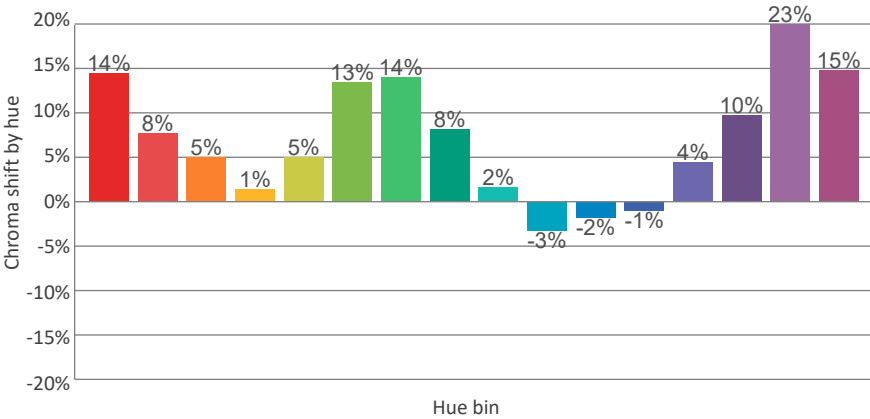
Rg 115,3

Gamut Index Rg

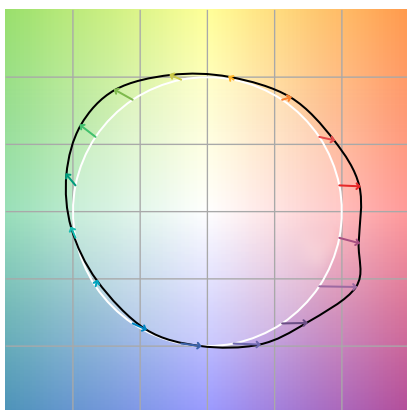


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

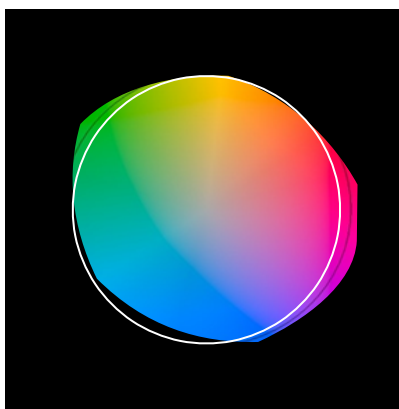
TM30_BIN_VALUES_END



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

