

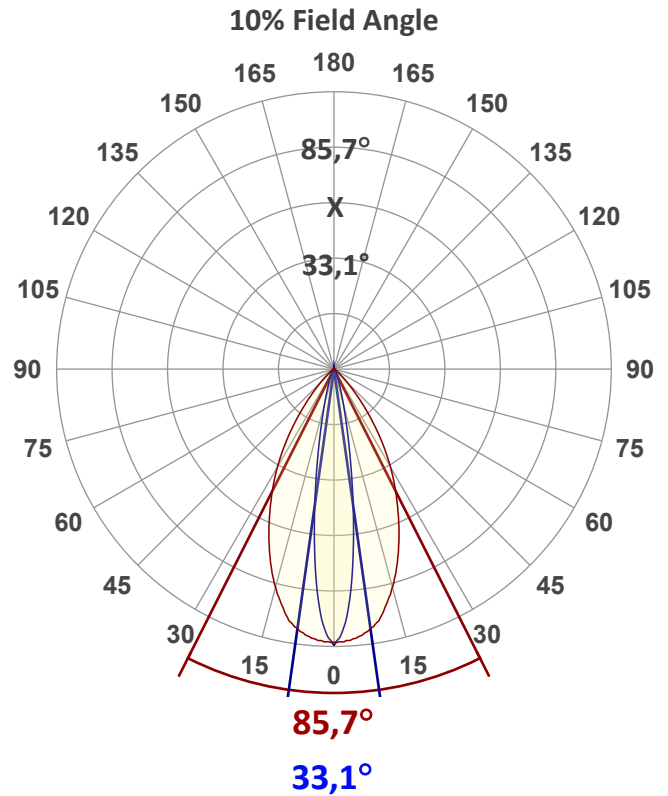
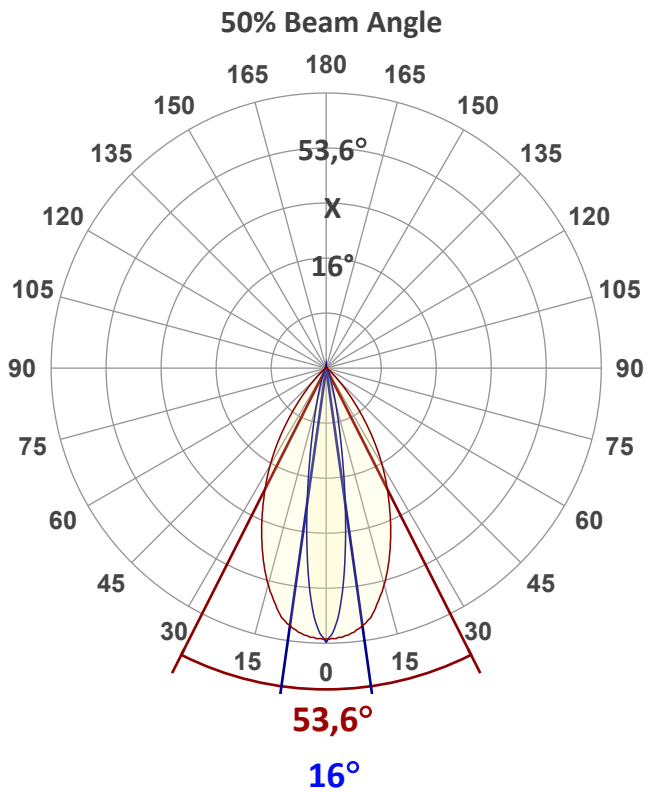
Report Summary



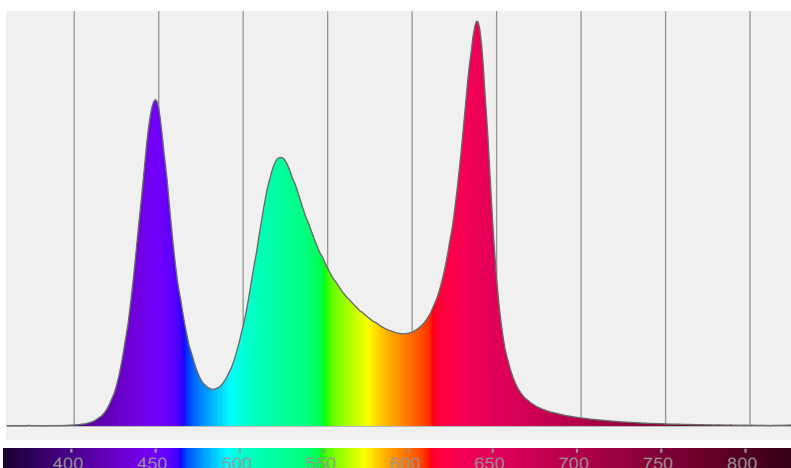
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 14167 lm / 47451 cd	Beam Angle (50%): 53,6°x16°	AC Supply: 224 V / 50 Hz
Fixture Efficiency: 37 lm/W	Field Angle (10%): 85,7°x33,1°	Power: 377,8 W
Intensity @ 5m: 1883 lx	Cutoff Angle (2,5%): 102,3°x 51,2°	Current: 1,76 A
Color Temperature: 5769 K		Power Factor: 0,96
CRI: 74,8		
CRI R9 Value: -17,7		
CQS: 85,4		
TLCI: 62		
TM-30 Rf: 81,4		
TM-30 Rg: 115,4		

Details



Spectral Distribution



CIE 1931

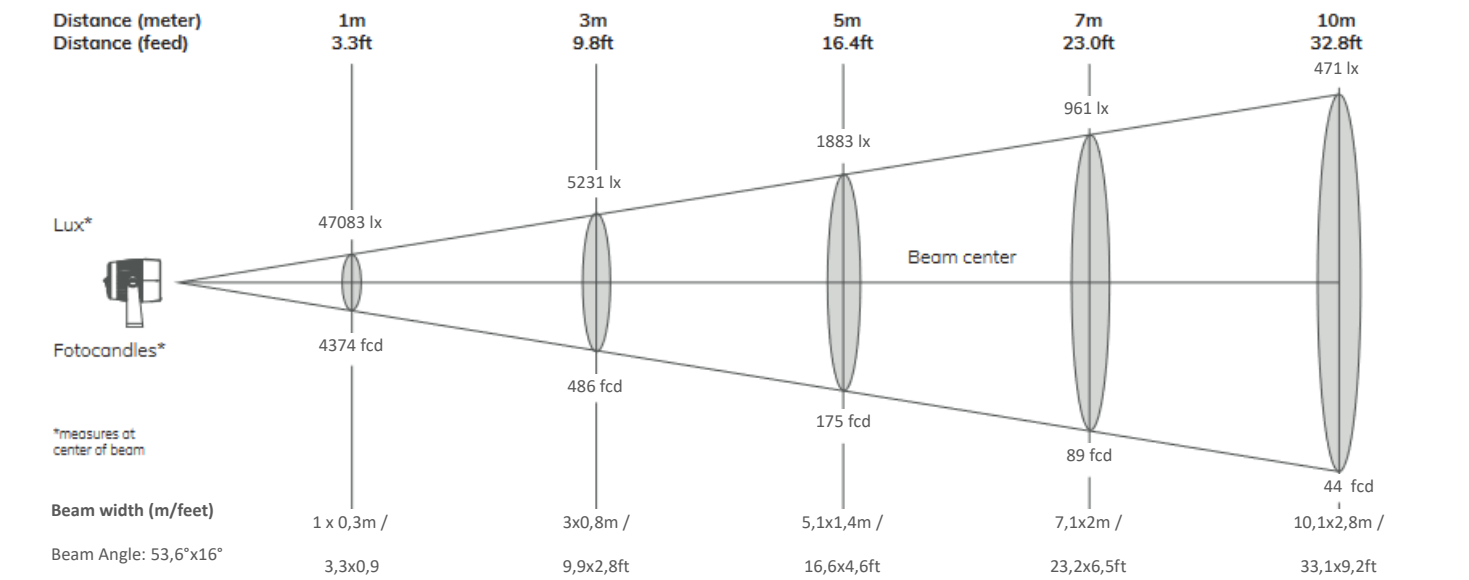
x: 0,327 y: 0,343

Light Quality

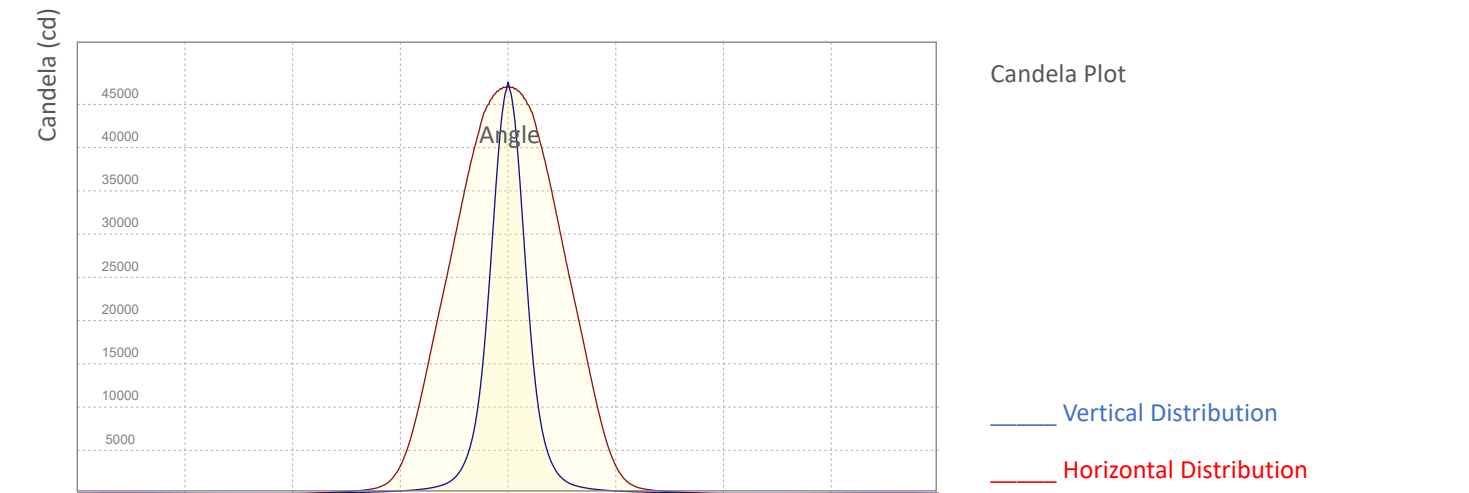
CRI: 74,8

Color Temperature

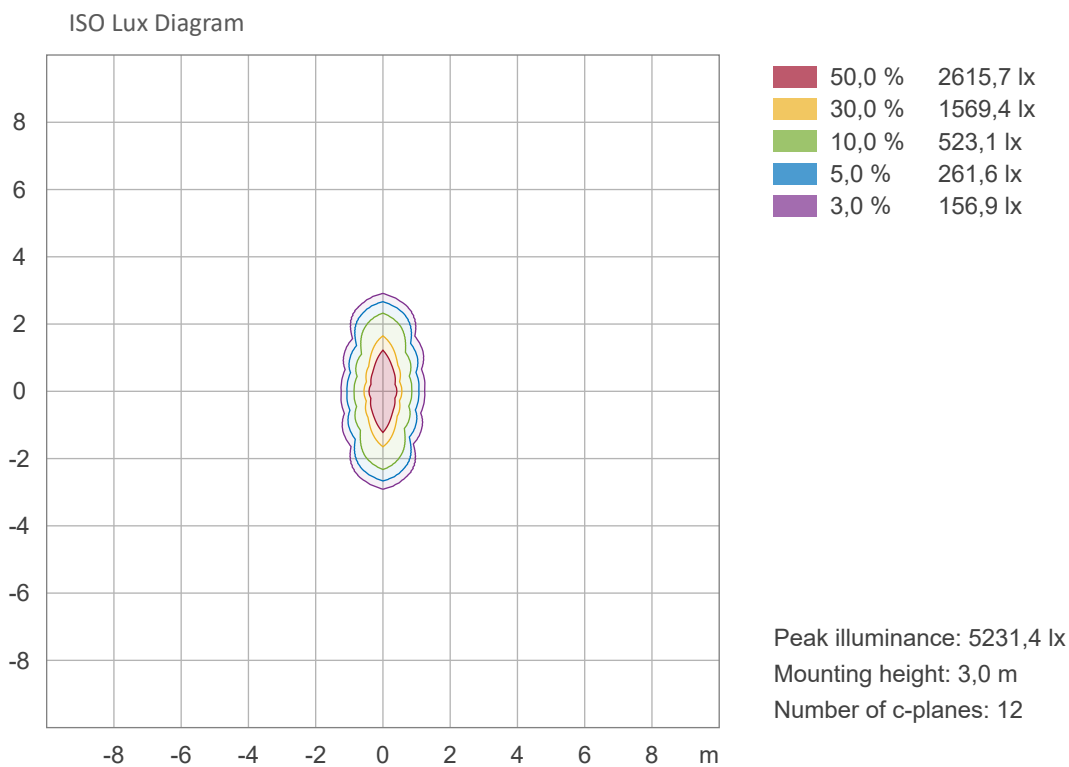
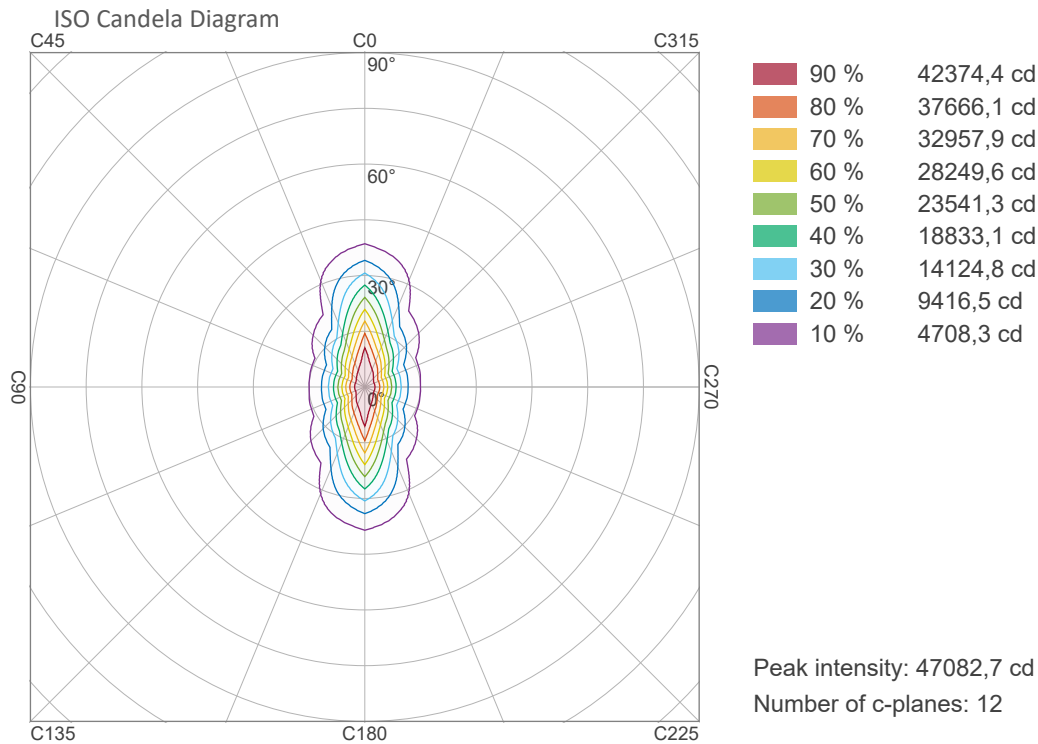
5769 K



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: 53,6°x16°	47083/ 4374	1x0,3/ 3,3x0,9	5231/ 486	3x0,8/ 9,9x2,8	1883/ 175	5,1x1,4/ 16,6x4,6	961/ 89	7,1x2/ 23,2x6,5	471/ 44	10,1x2,8/ 33,1x9,2

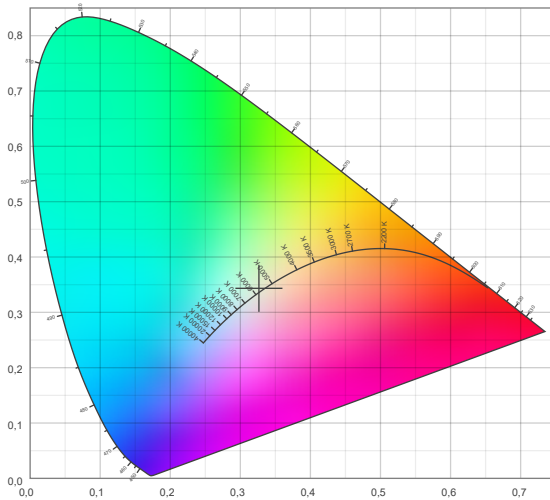


ISO Diagrams

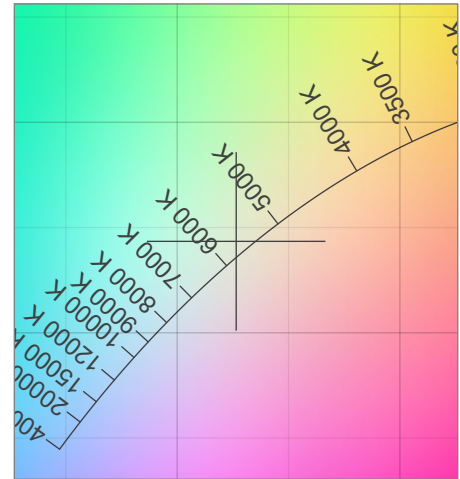


Chromaticity

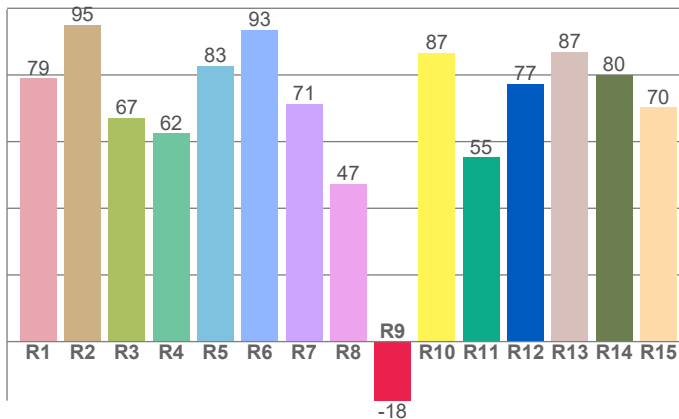
CIE 1931



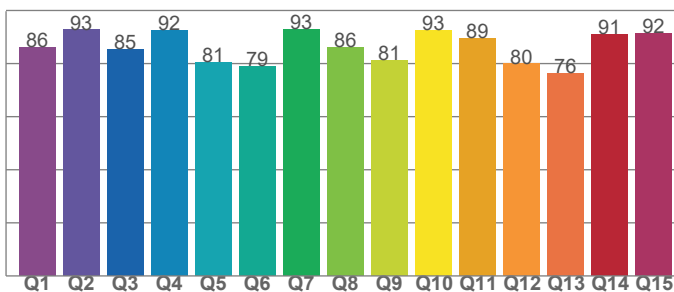
CIE 1931 - Zoom



CRI: 74,8 (R1-R8)



CQS: 85,4



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5769K	0,327	0,343

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
74,8	-17,7	85,4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
62	81,4	115,4

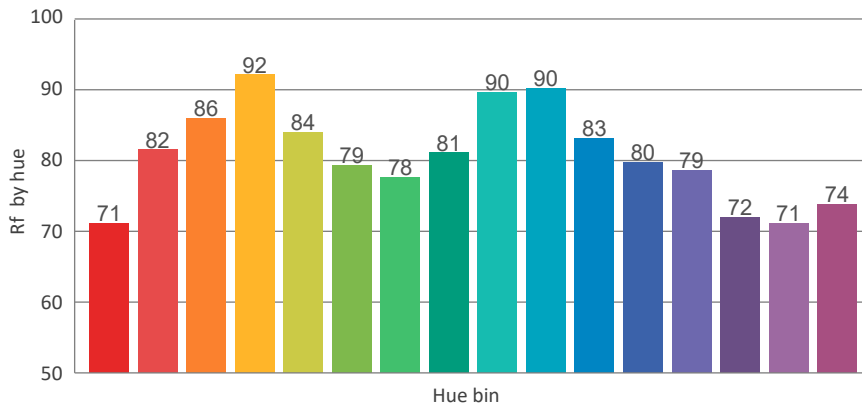
TM30 Details

Rf 81,4

Fidelity Index Rf

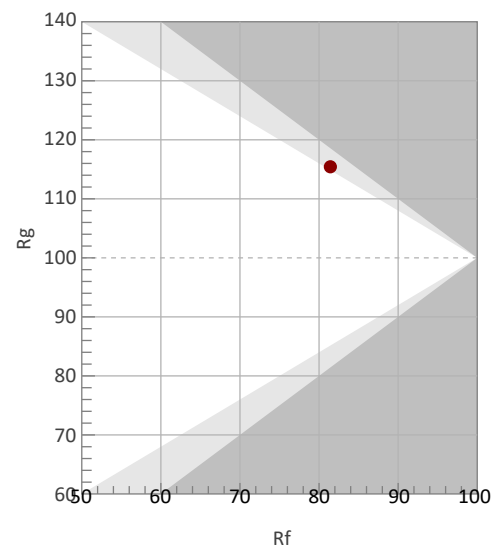
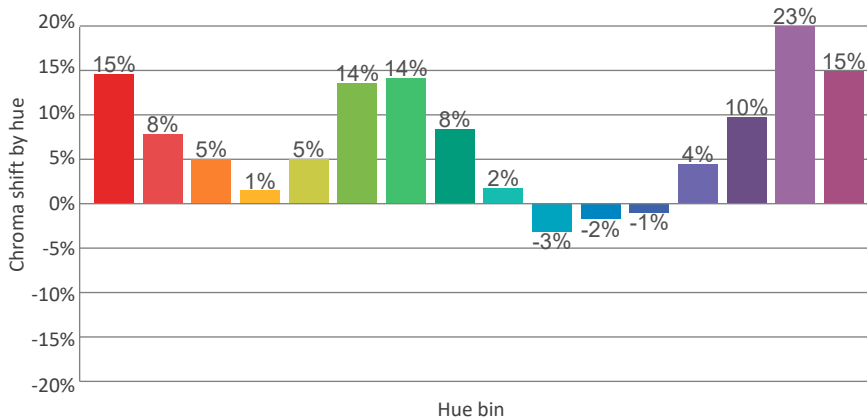
Rg 115,4

Gamut Index Rg

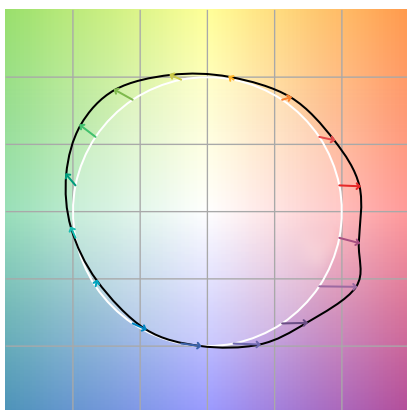


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

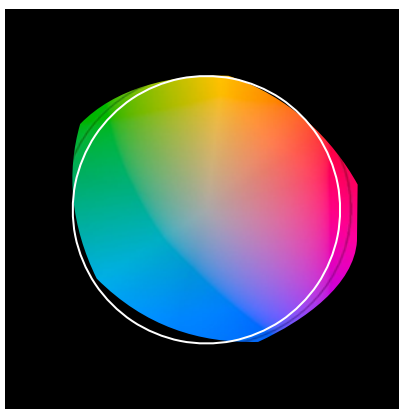
TM30_BIN_VALUES_END



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

