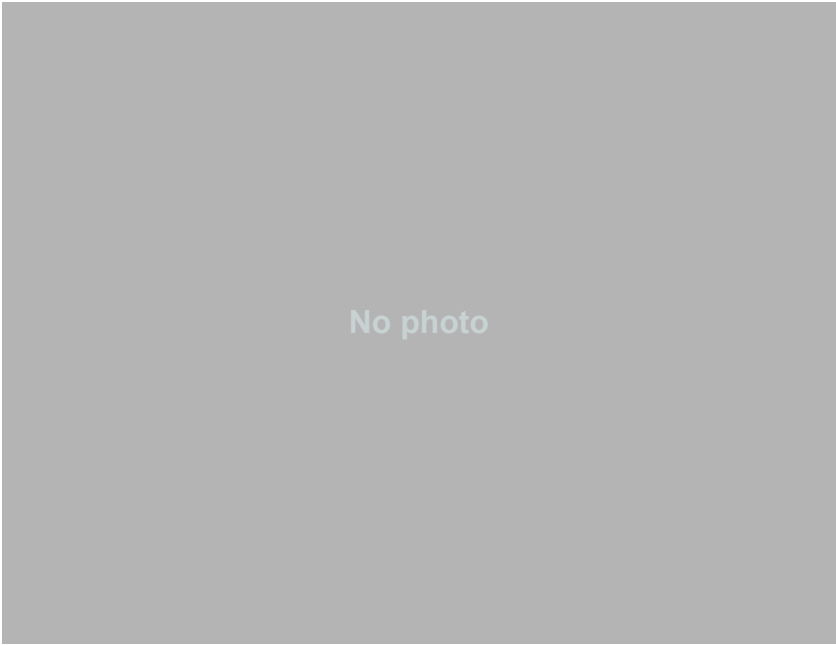


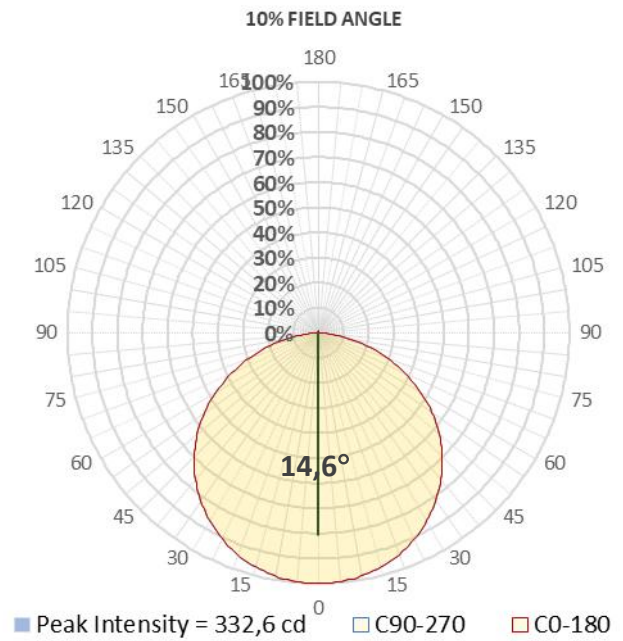
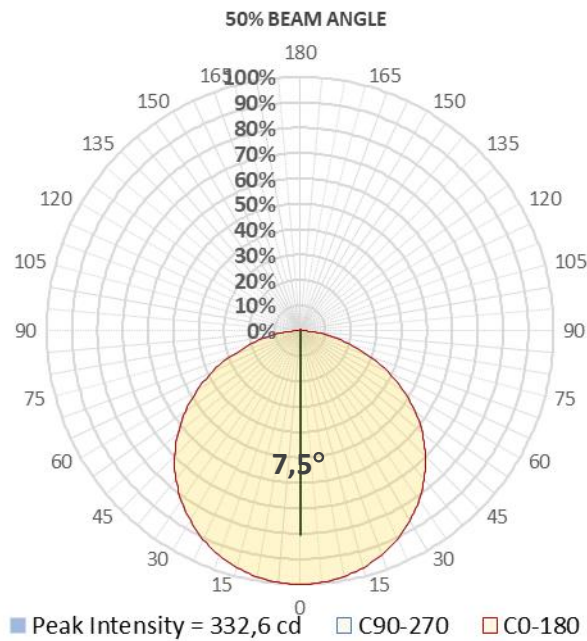
Report Summary



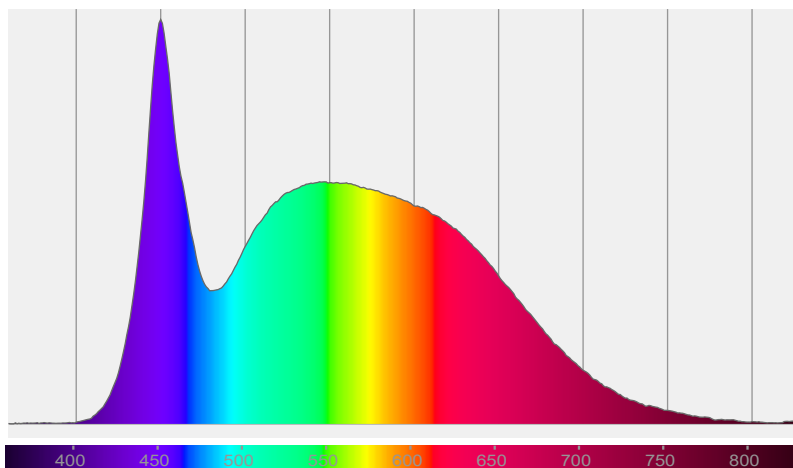
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 13268 lm / 345015 cd	Beam Angle (50%): 7,5°	AC Supply: 226 V / 50 Hz
Fixture Efficiency: 53 lm/W	Field Angle (10%): 14,6°	Power: 249 W
Intensity @ 5m: 13787 lx	Cutoff Angle (2,5%): 32°	Current: 1,15 A
Color Temperature: 5587 K		Power Factor: 0,96
CRI: 88,8		
CRI R9 Value: 47,3		
CQS: 87,4		
TLCI: 91		
TM-30 Rf: 88,4		
TM-30 Rg: 98,3		

Details



Spectral Distribution



CIE 1931

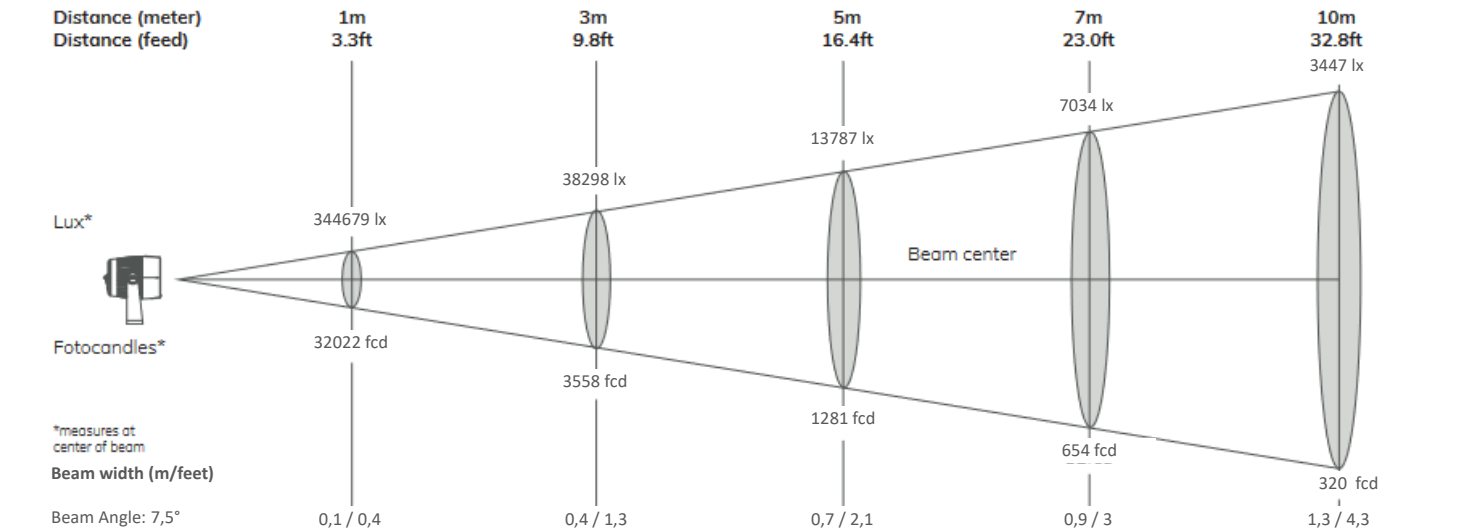
x: 0,331 y: 0,345

Light Quality

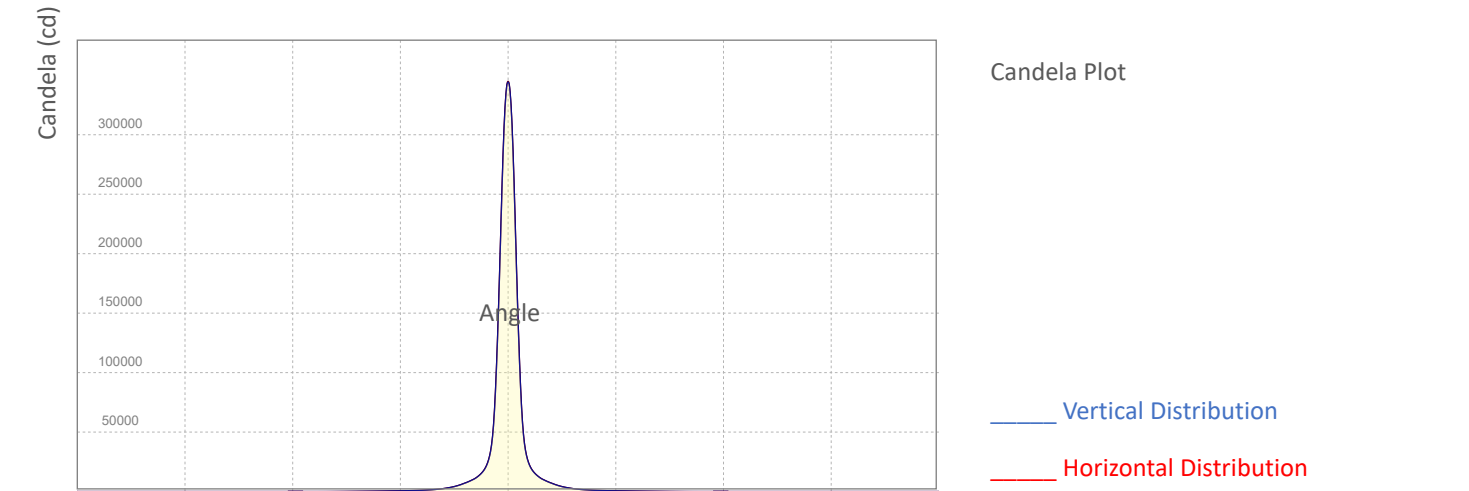
CRI: 88,8

Color Temperature

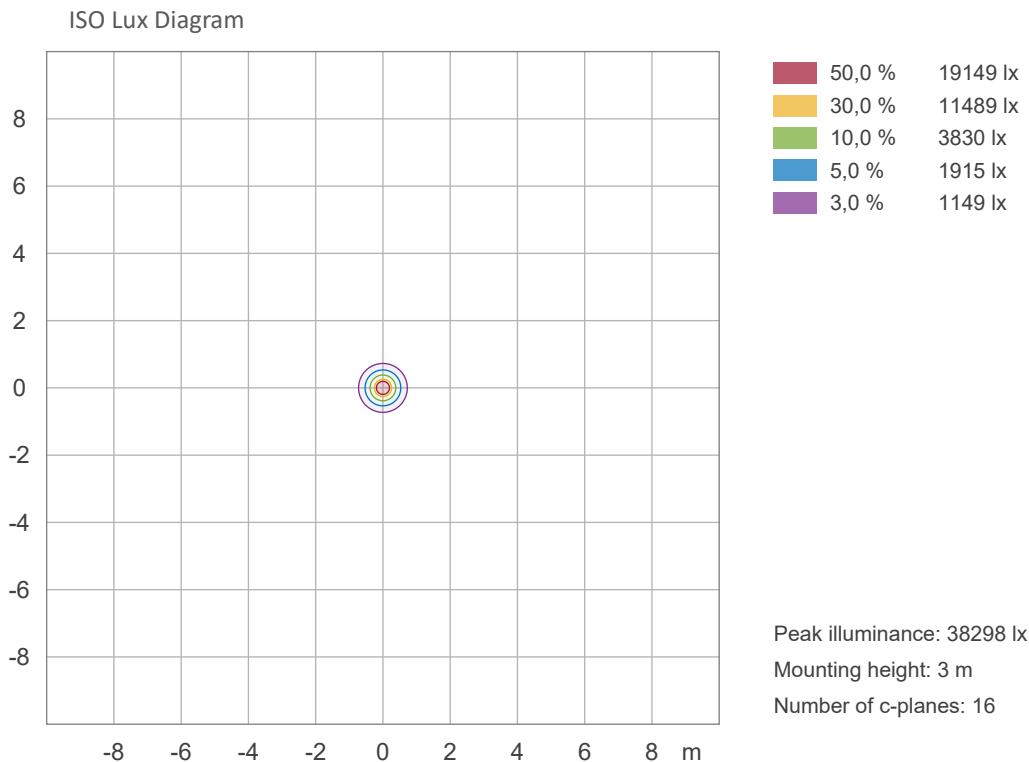
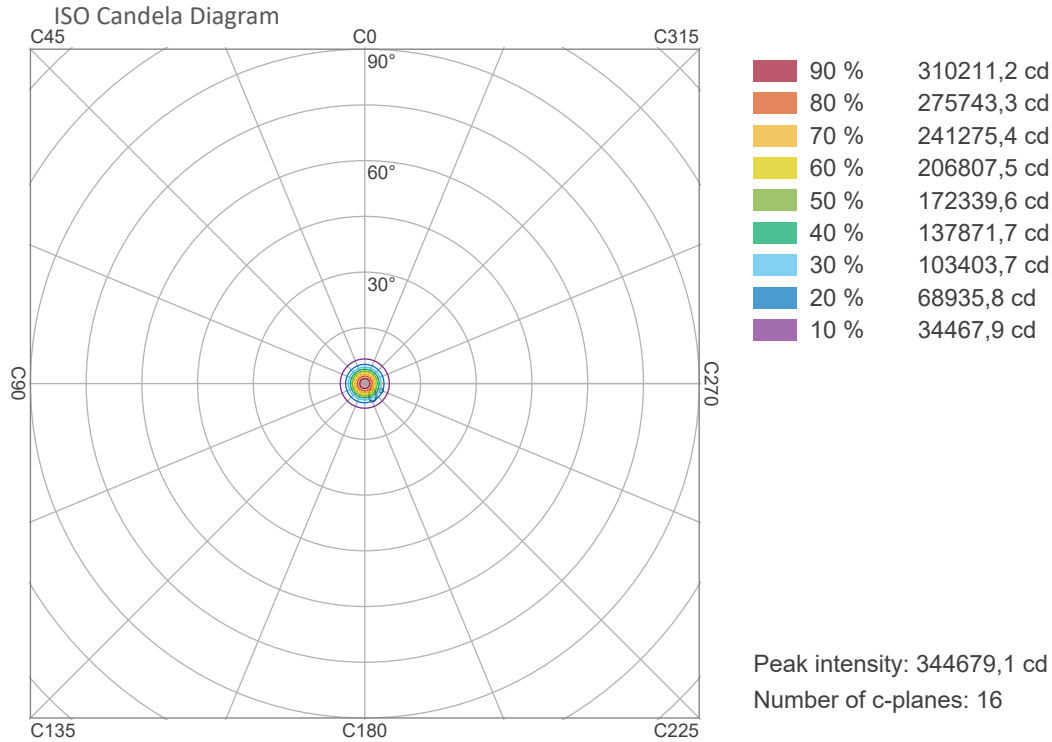
5587 K



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: 7,5°	344679/ 32022	0,1/0,4	38298/ 3558	0,4/1,3	13787/ 1281	0,7/2,1	7034/ 654	0,9/3	3447/ 320	1,3/4,3

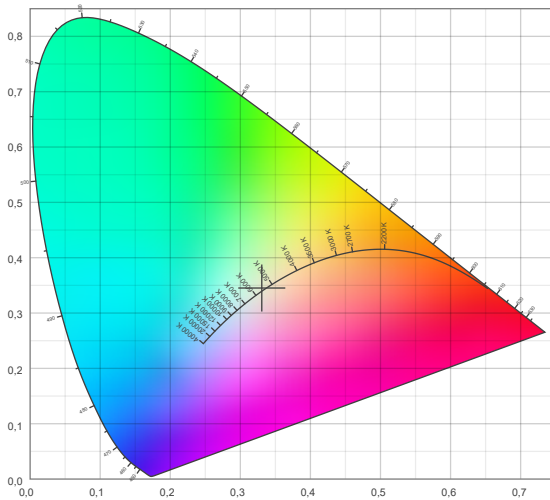


ISO Diagrams

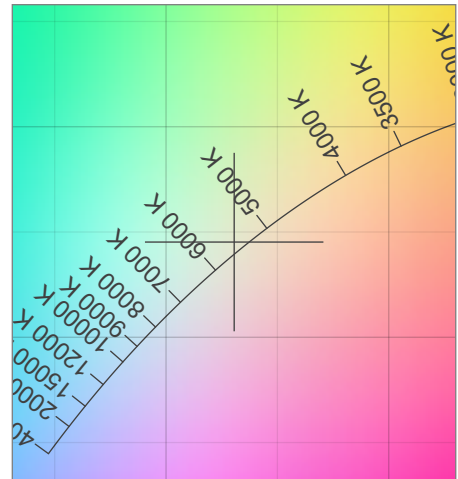


Chromaticity

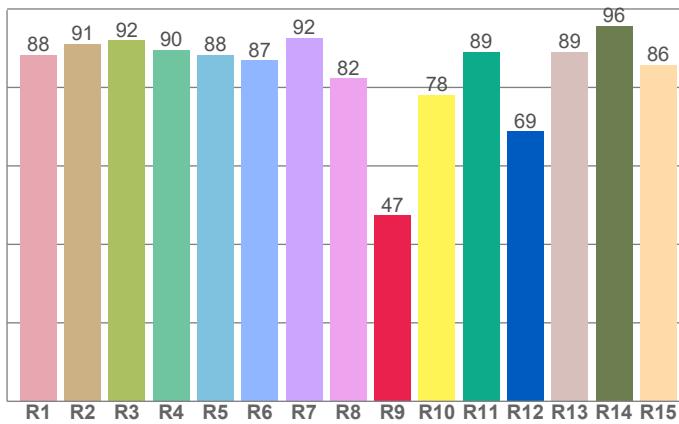
CIE 1931



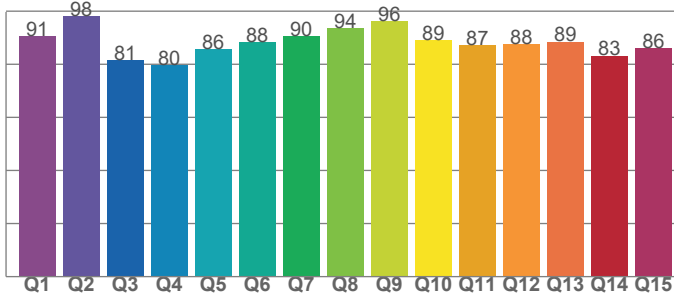
CIE 1931 - Zoom



CRI: 88,8 (R1-R8)



CQS: 87,4



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5587K	0,331	0,345

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0030	0,204	0,320

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
88,8	47,3	87,4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 – Rg
91	88,4	98,3

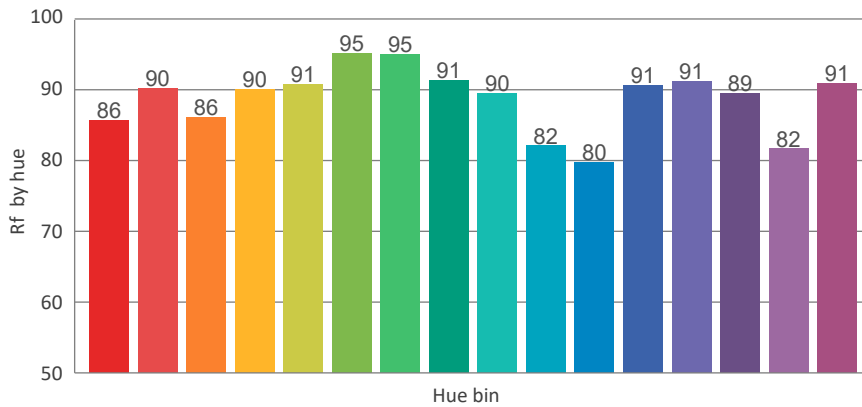
TM30 Details

Rf 88,4

Fidelity Index Rf

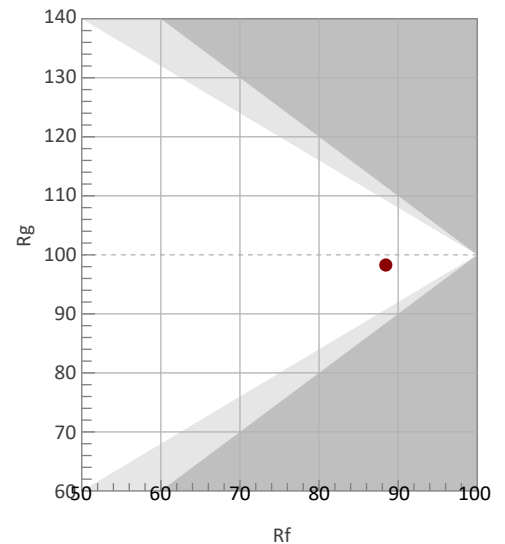
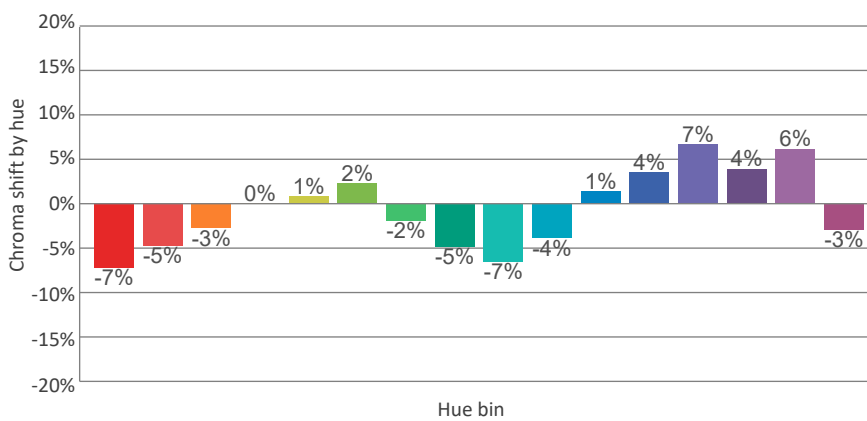
Rg 98,3

Gamut Index Rg

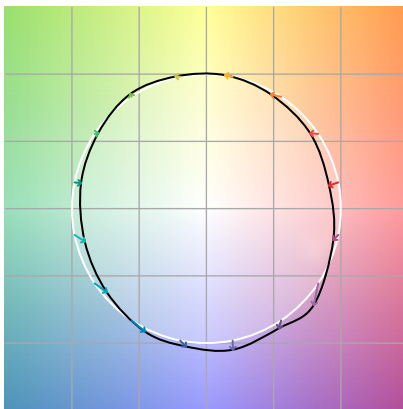


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

