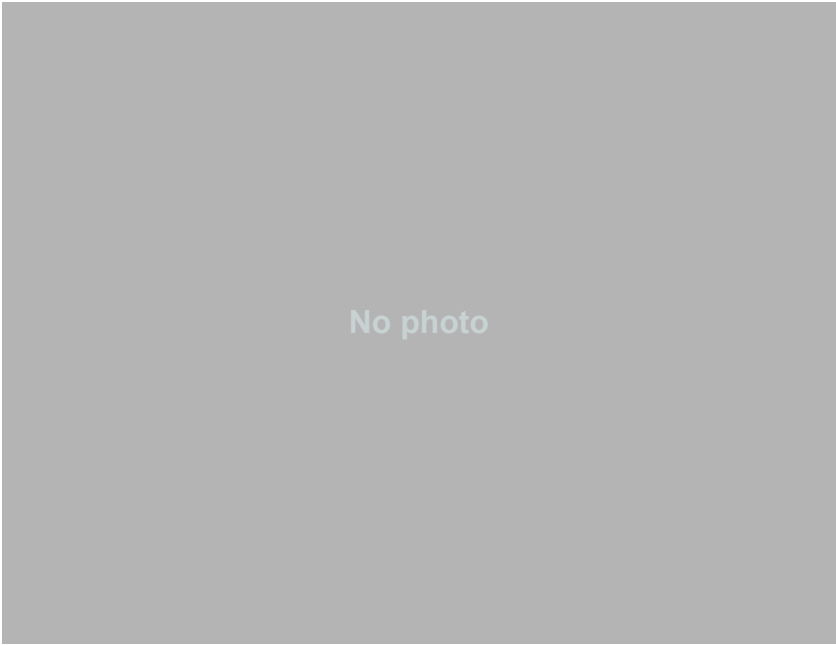


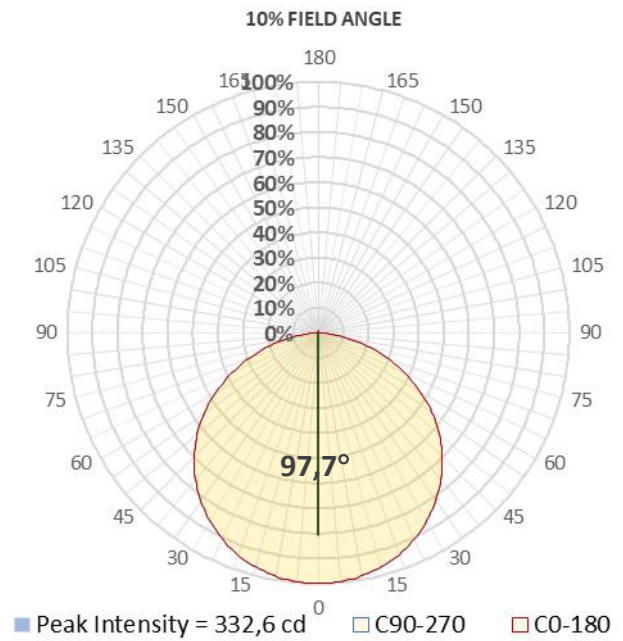
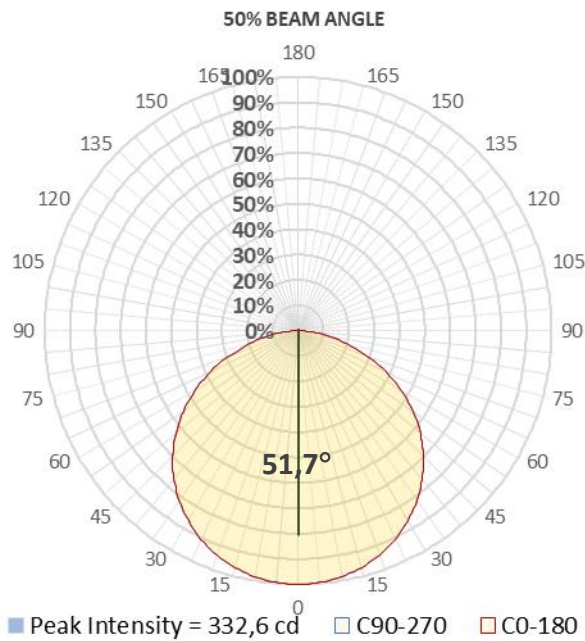
Report Summary



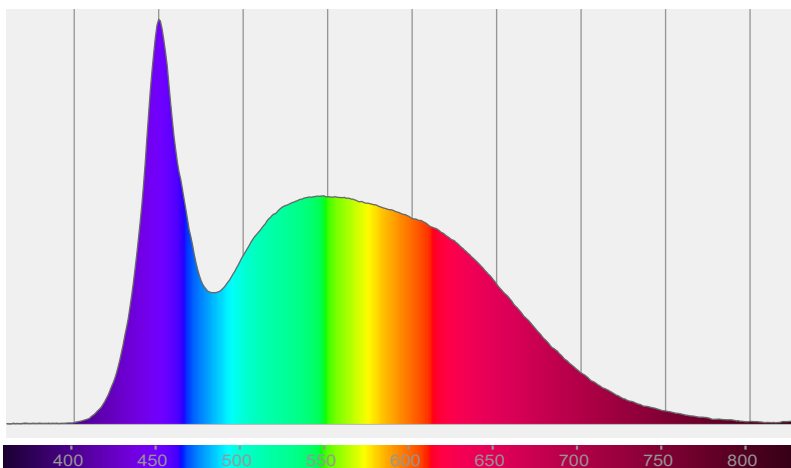
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 13570 lm / 14345 cd	Beam Angle (50%): 51,7°	AC Supply: 227 V / 50 Hz
Fixture Efficiency: 55 lm/W	Field Angle (10%): 97,7°	Power: 247,8 W
Intensity @ 5m: 573 lx	Cutoff Angle (2,5%): 133,6°	Current: 1,14 A
Color Temperature: 5793 K		Power Factor: 0,96
CRI: 89,8		
CRI R9 Value: 53,0		
CQS: 87,5		
TLCI: 91		
TM-30 Rf: 88,6		
TM-30 Rg: 98,6		

Details



Spectral Distribution



CIE 1931

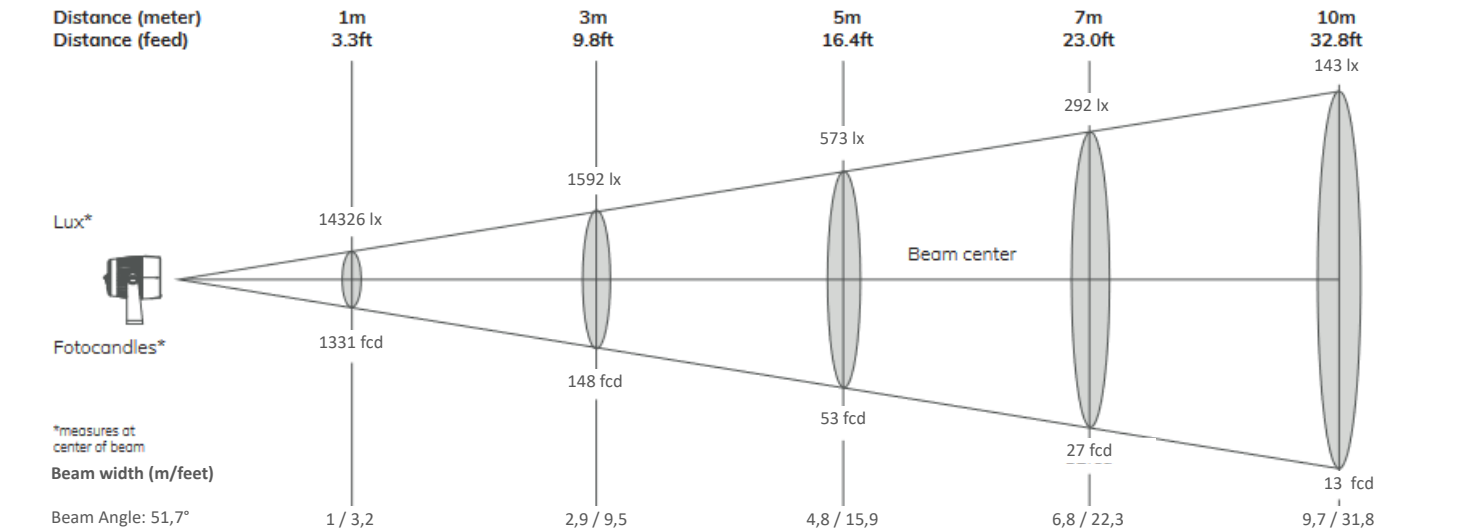
x: 0,326 y: 0,338

Light Quality

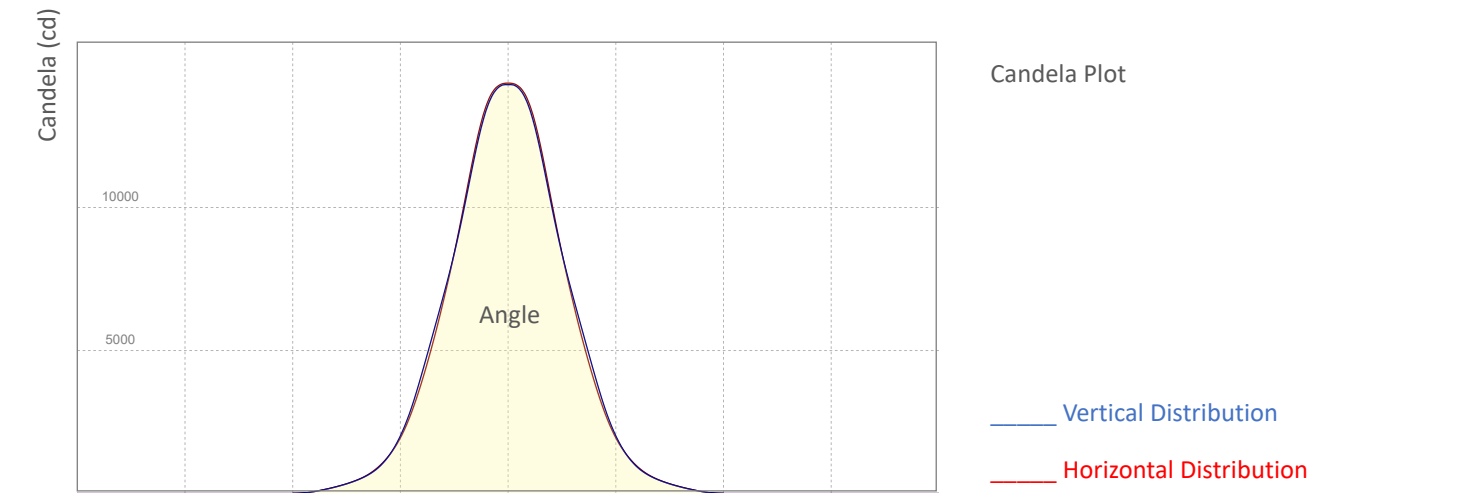
CRI: 89,8

Color Temperature

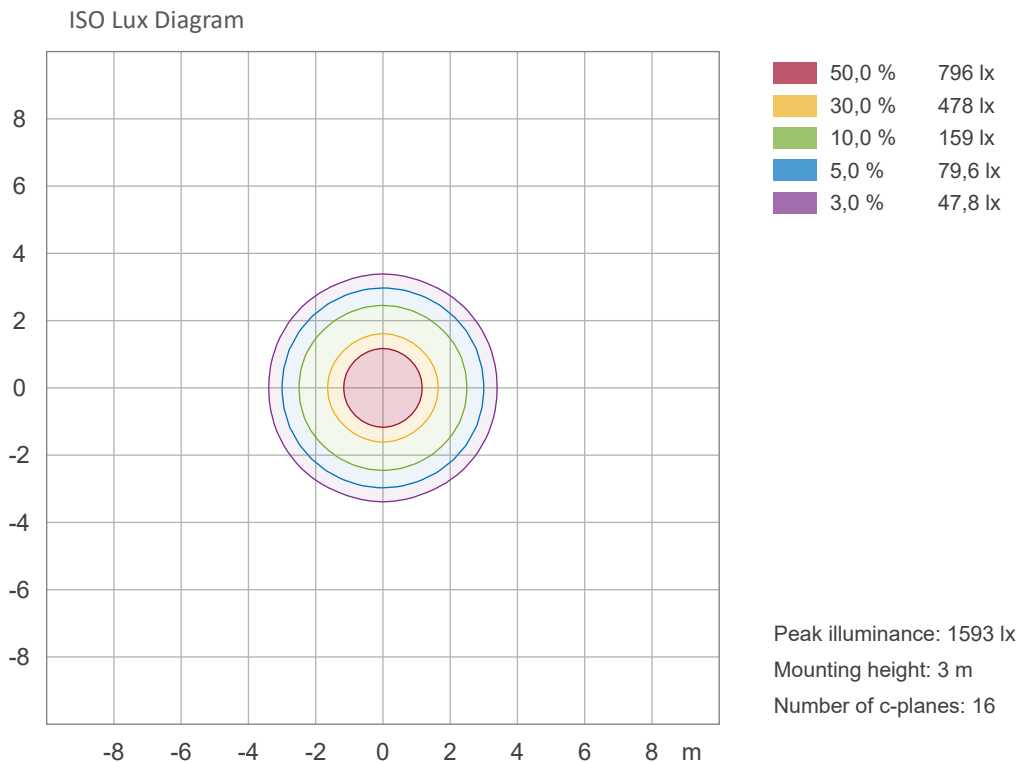
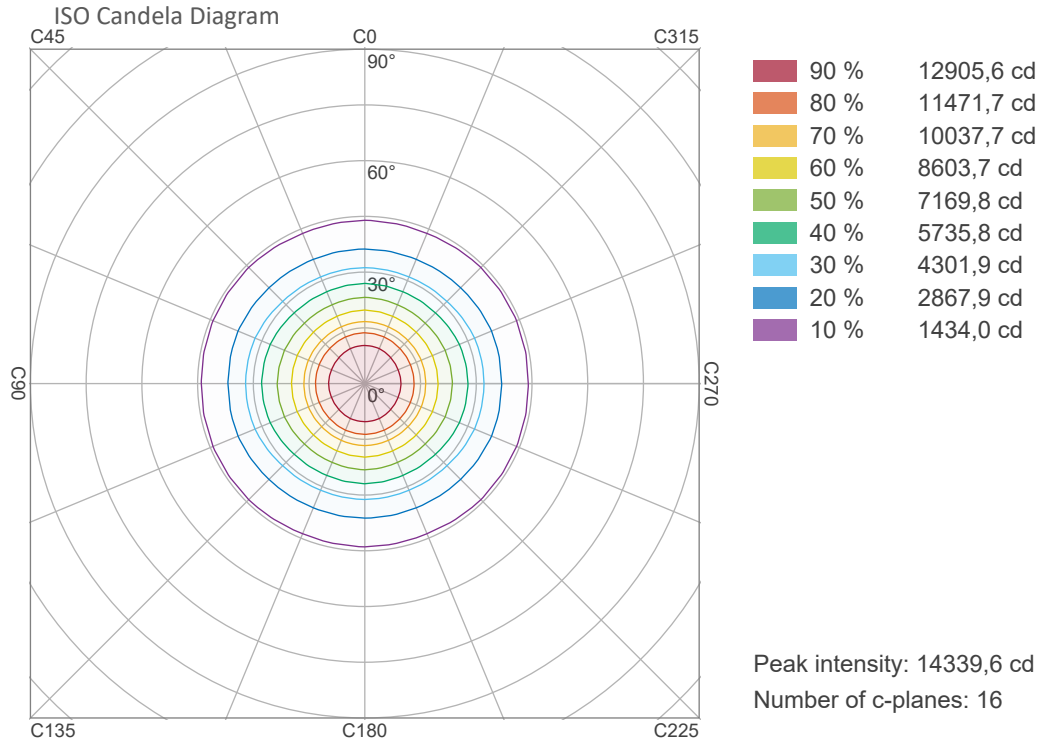
5793 K



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: 51,7°	14326/ 1331	1/3,2	1592/ 148	2,9/9,5	573/ 53	4,8/15,9	292/ 27	6,8/22,3	143/ 13	9,7/31,8

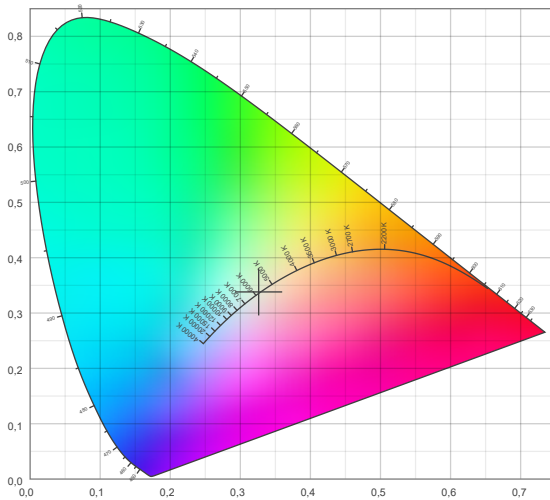


ISO Diagrams

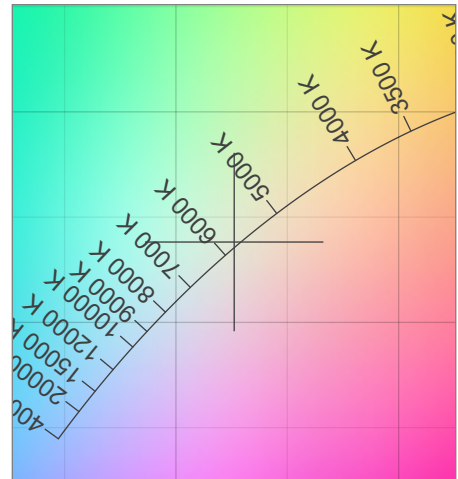


Chromaticity

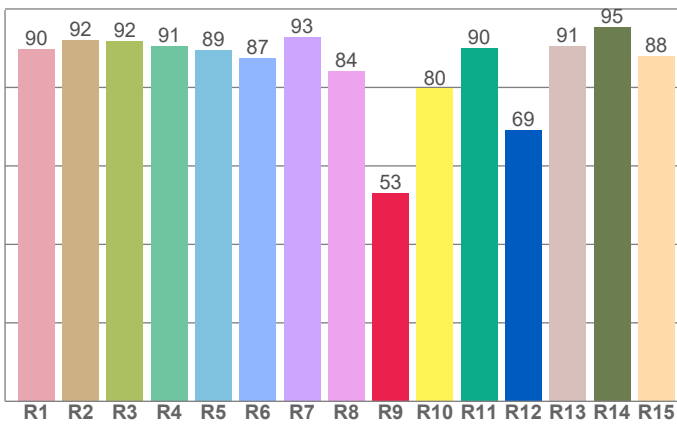
CIE 1931



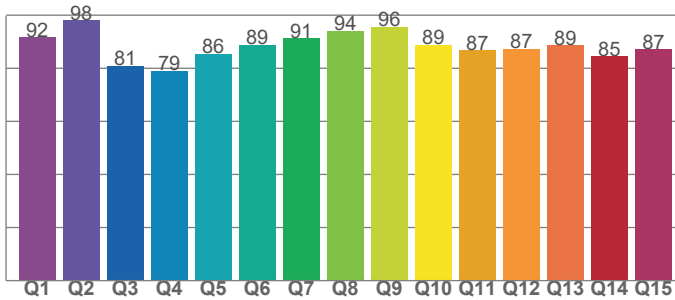
CIE 1931 - Zoom



CRI: 89,8 (R1-R8)



CQS: 87,5



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5793K	0,326	0,338

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0014	0,204	0,317

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
89,8	53,0	87,5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 – Rg
91	88,6	98,6

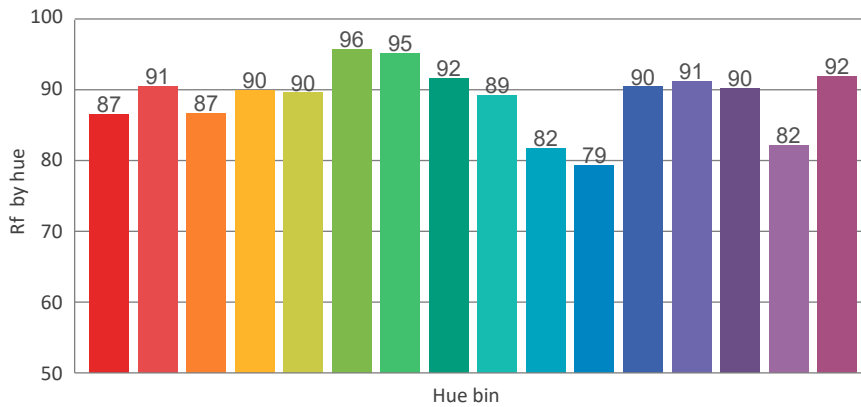
TM30 Details

Rf 88,6

Fidelity Index Rf

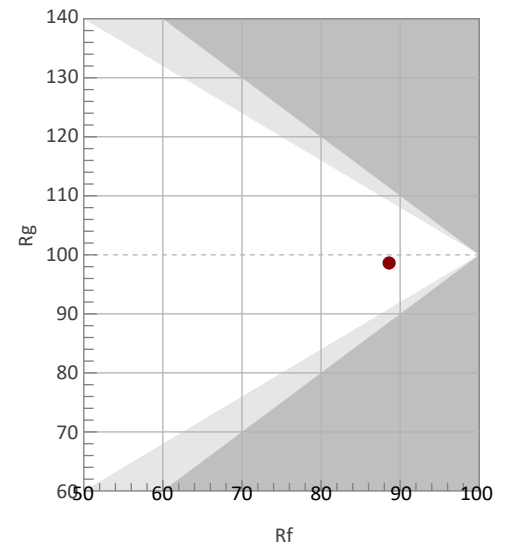
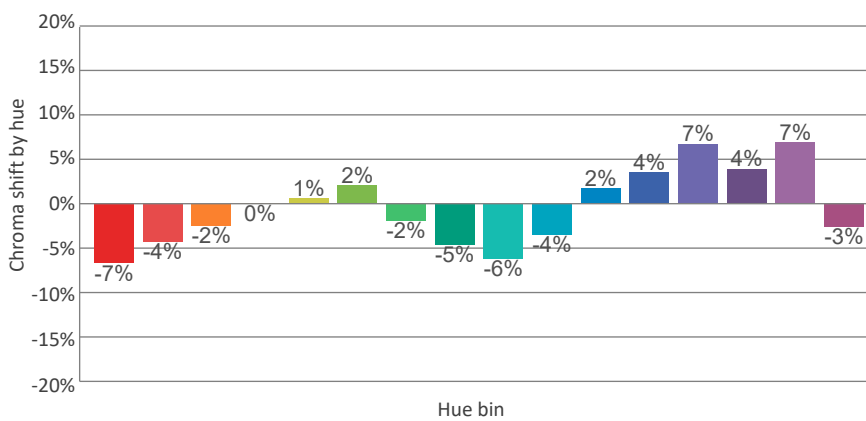
Rg 98,6

Gamut Index Rg

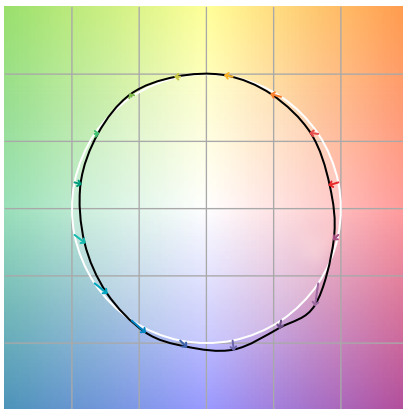


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

