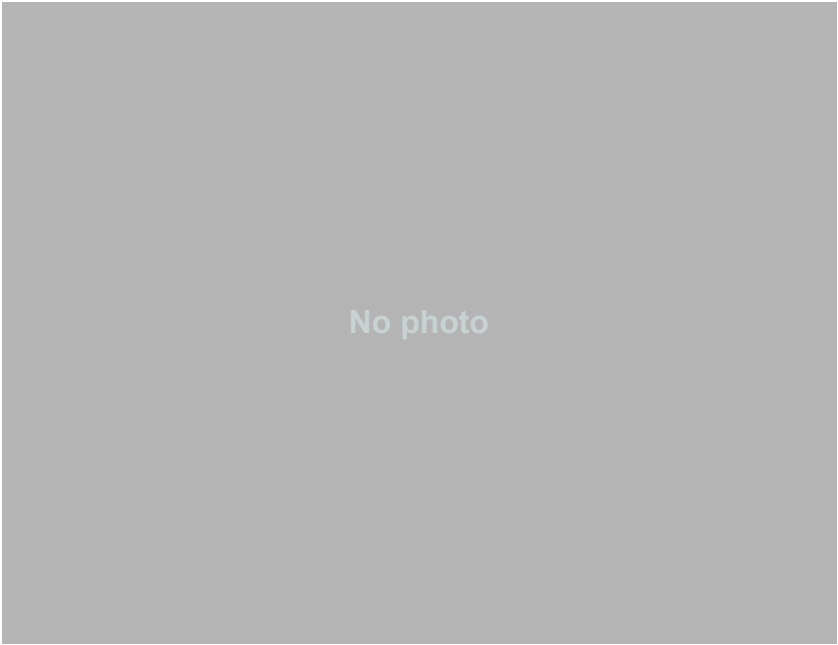


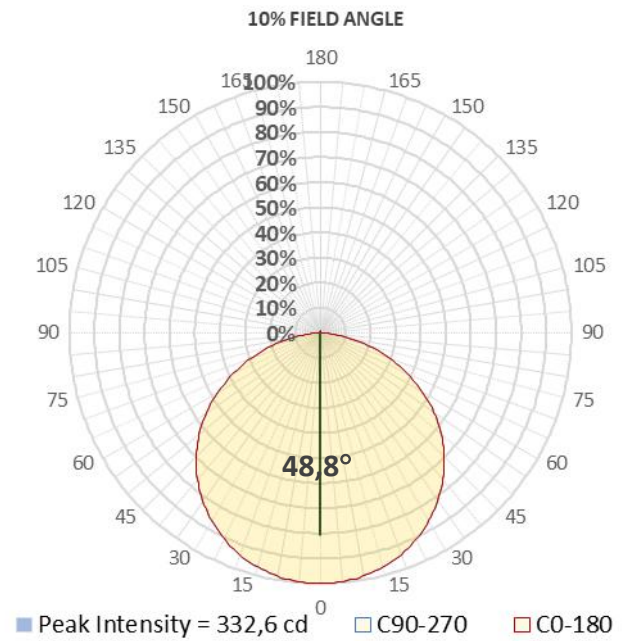
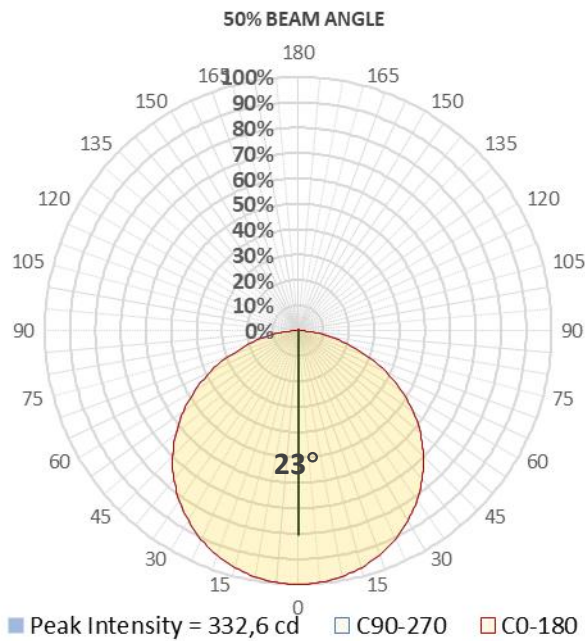
Report Summary



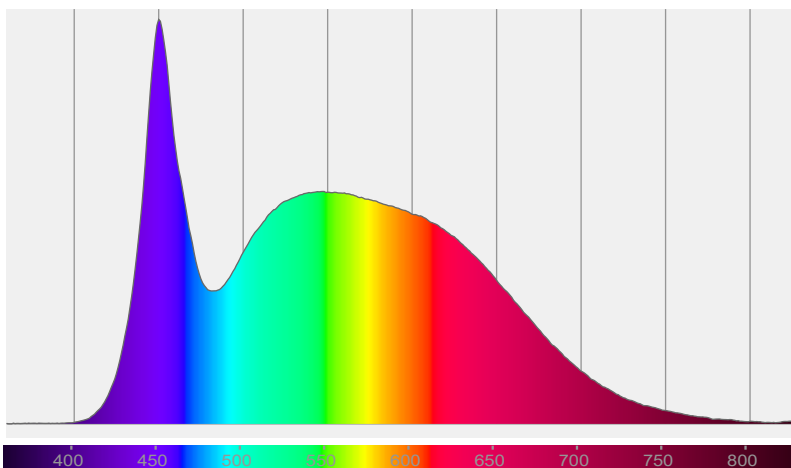
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 13561 lm / 54535 cd	Beam Angle (50%): 23°	AC Supply: 227 V / 50 Hz
Fixture Efficiency: 55 lm/W	Field Angle (10%): 48,8°	Power: 247,9 W
Intensity @ 5m: 2141 lx	Cutoff Angle (2,5%): 74,7°	Current: 1,14 A
Color Temperature: 5727 K		Power Factor: 0,96
CRI: 89,7		
CRI R9 Value: 52,3		
CQS: 87,7		
TLCI: 92		
TM-30 Rf: 88,7		
TM-30 Rg: 98,5		

Details



Spectral Distribution



CIE 1931

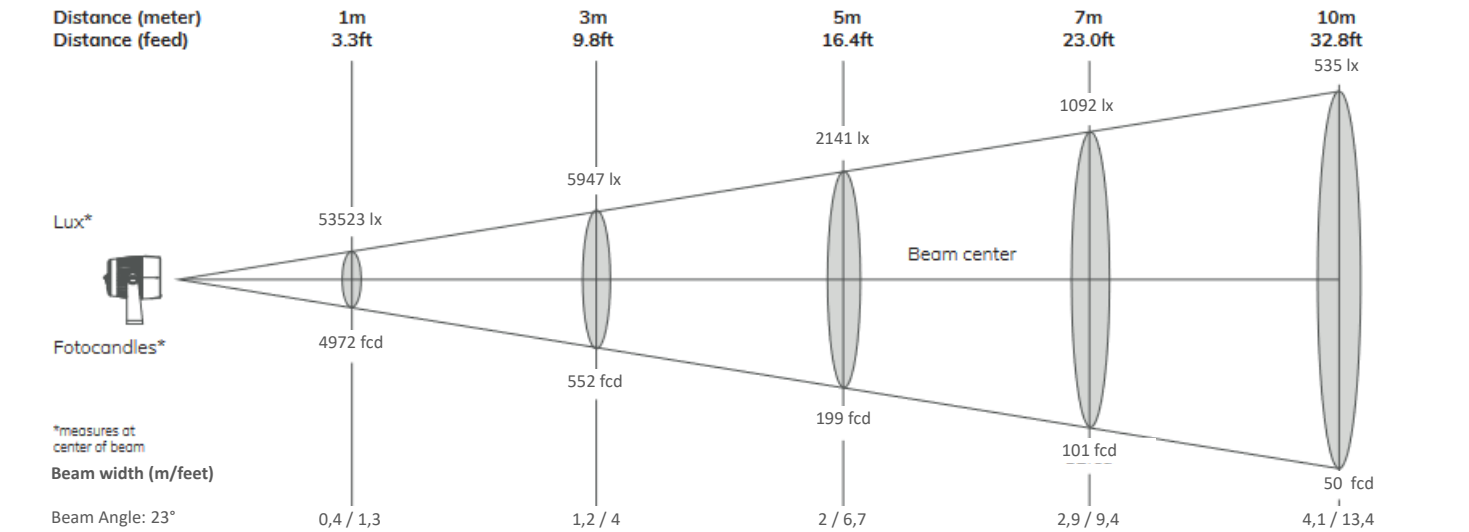
x: 0,328 y: 0,340

Light Quality

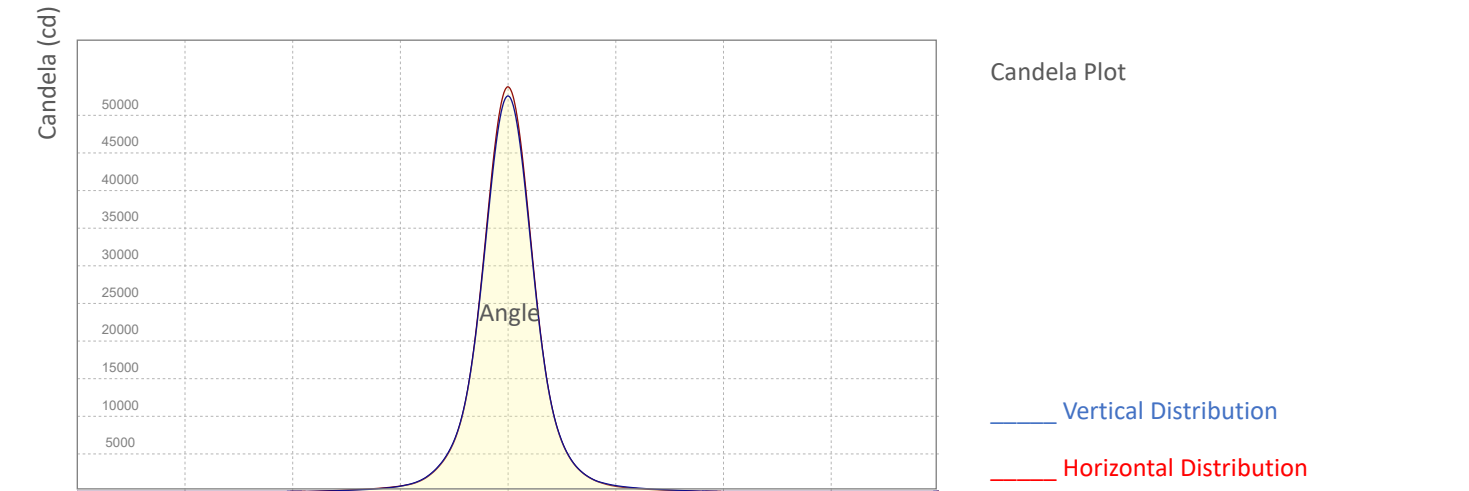
CRI: 89,7

Color Temperature

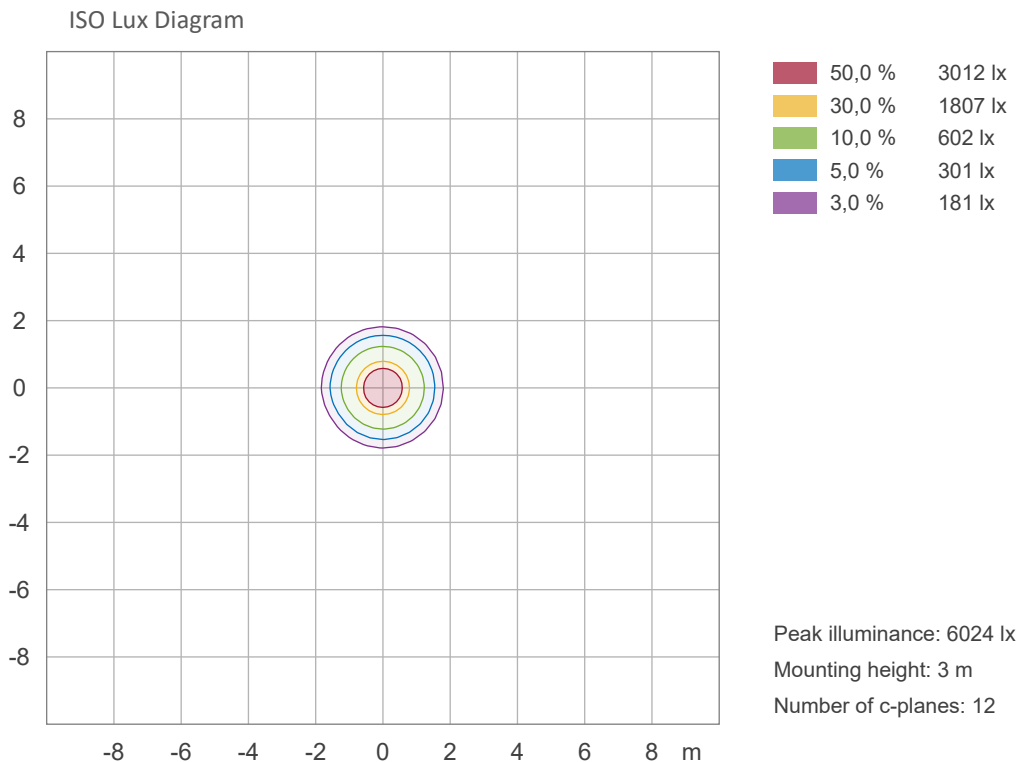
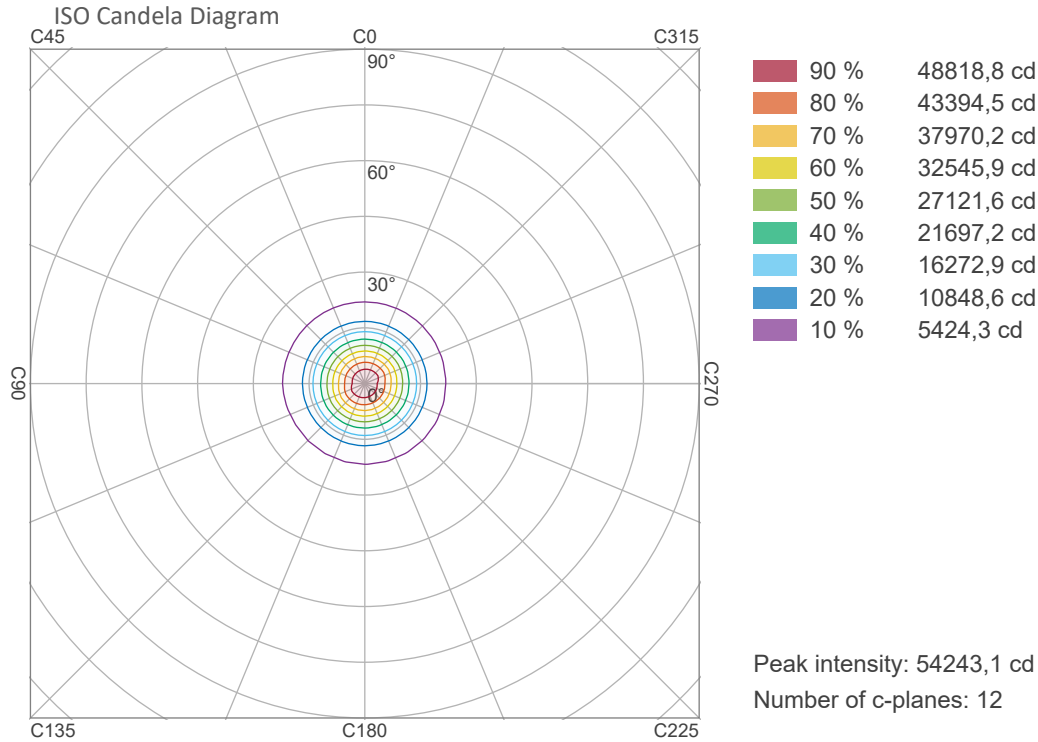
5727 K



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: 23°	53523/ 4972	0,4/1,3	5947/ 552	1,2/4	2141/ 199	2/6,7	1092/ 101	2,9/9,4	535/ 50	4,1/13,4

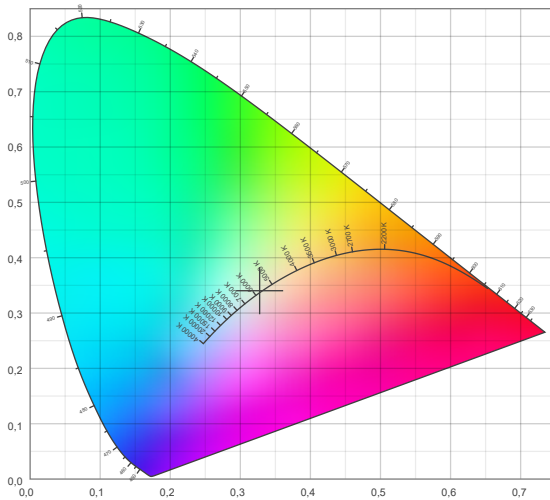


ISO Diagrams

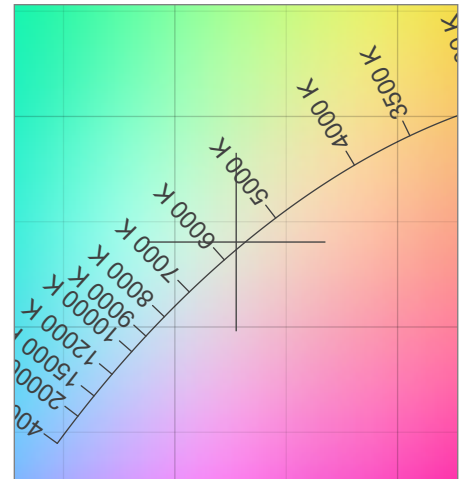


Chromaticity

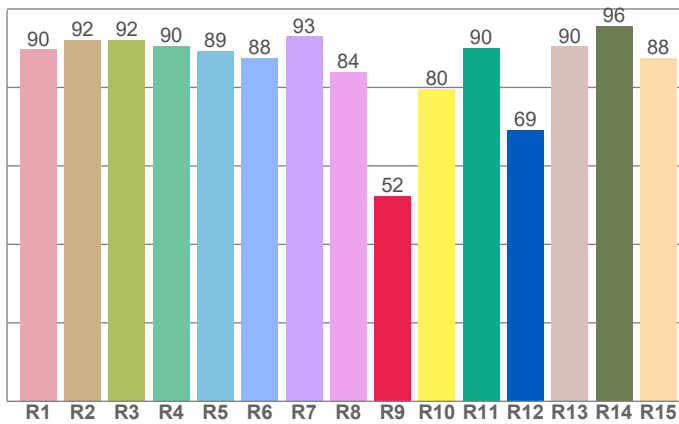
CIE 1931



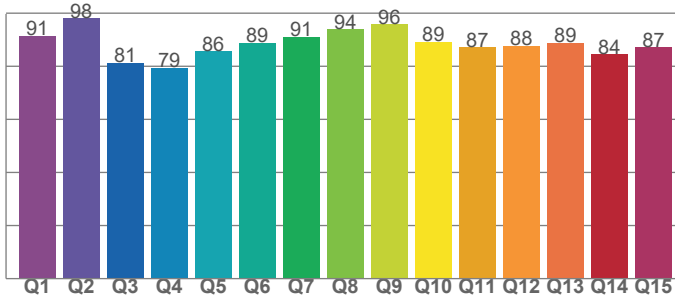
CIE 1931 - Zoom



CRI: 89,7 (R1-R8)



CQS: 87,7



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5727K	0,328	0,340

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0019	0,204	0,318

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
89,7	52,3	87,7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
92	88,7	98,5

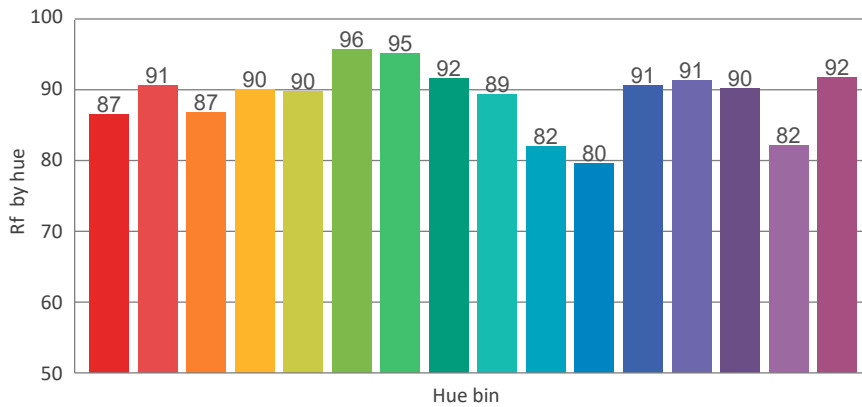
TM30 Details

Rf 88,7

Fidelity Index Rf

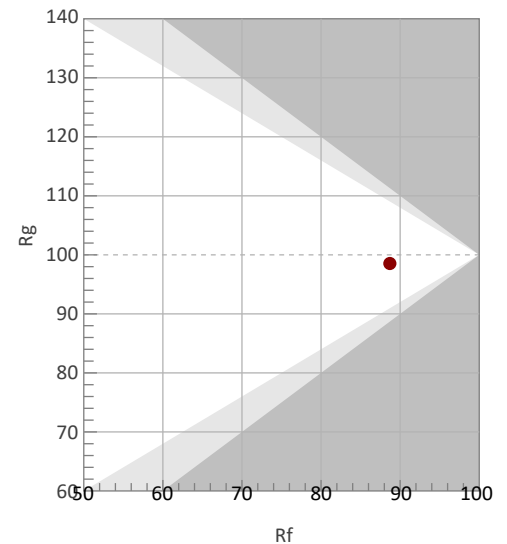
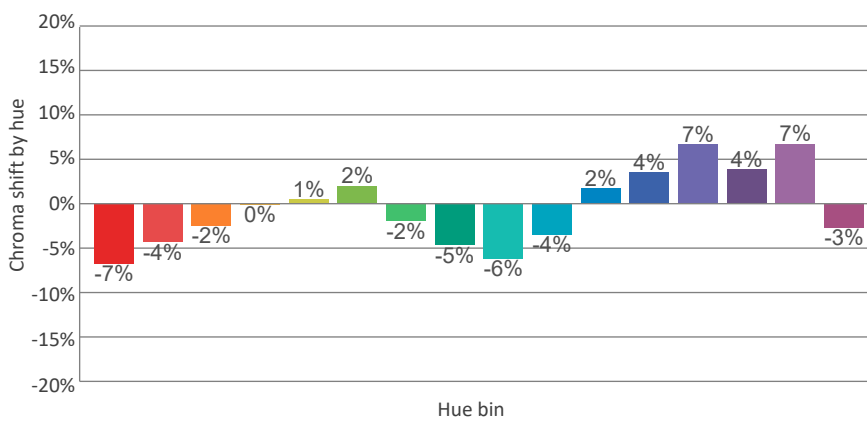
Rg 98,5

Gamut Index Rg

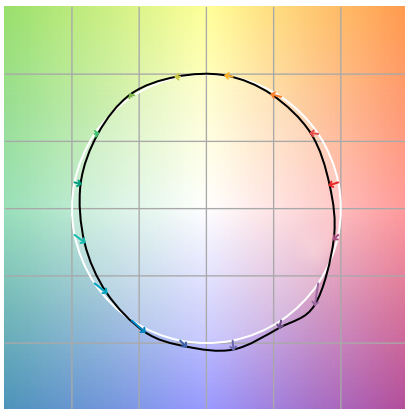


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

