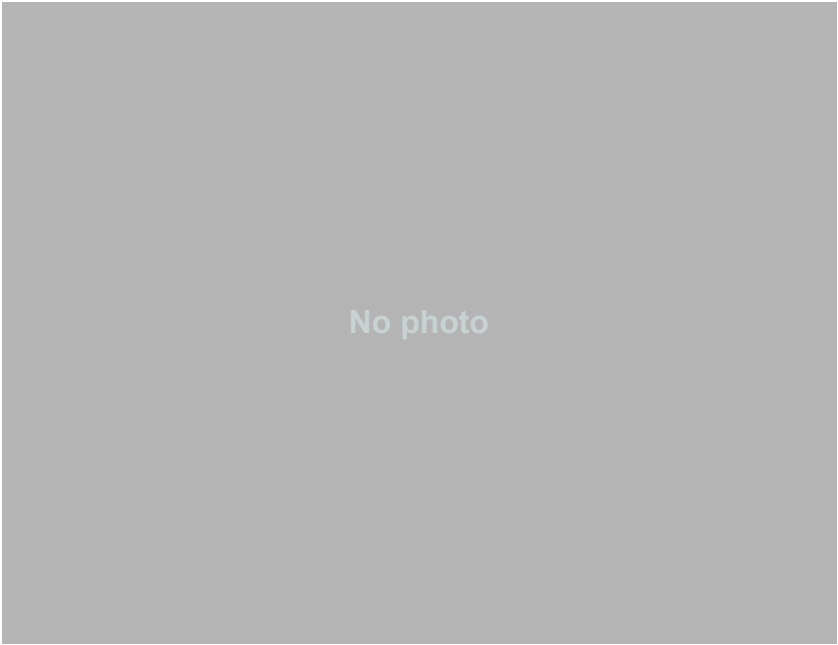


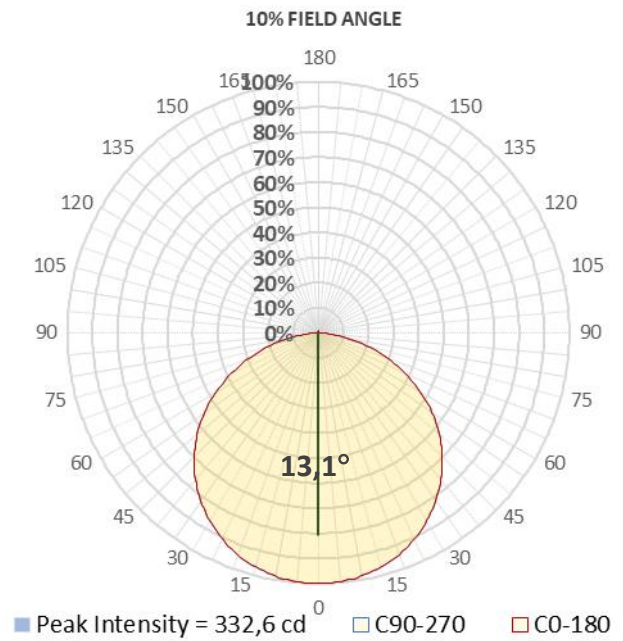
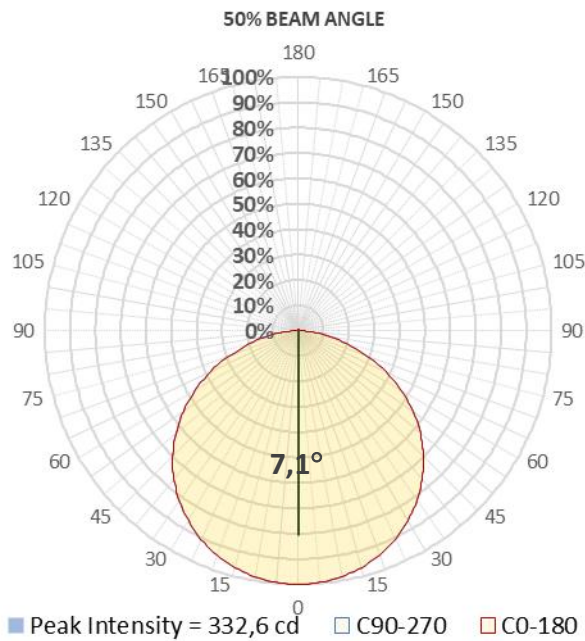
Report Summary



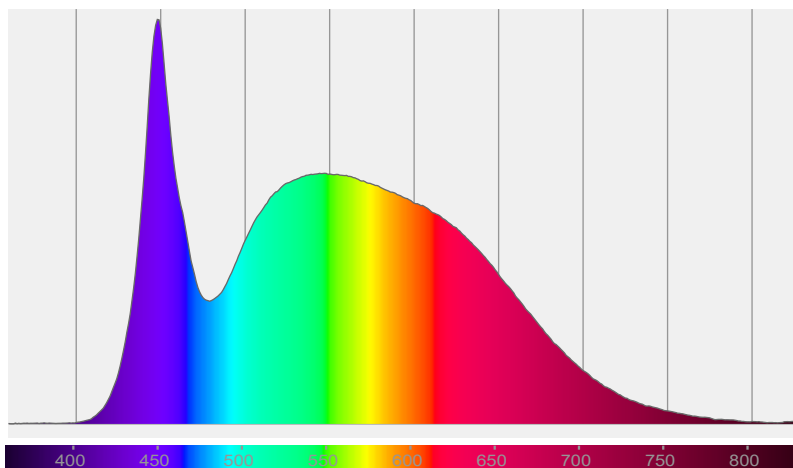
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 13574 lm / 476858 cd	Beam Angle (50%): 7,1°	AC Supply: 225 V / 50 Hz
Fixture Efficiency: 53 lm/W	Field Angle (10%): 13,1°	Power: 254,1 W
Intensity @ 5m: 19060 lx	Cutoff Angle (2,5%): 21,4°	Current: 1,18 A
Color Temperature: 5476 K		Power Factor: 0,96
CRI: 86,9		
CRI R9 Value: 39,1		
CQS: 86,9		
TLCI: 90		
TM-30 Rf: 87,8		
TM-30 Rg: 98,2		

Details



Spectral Distribution



CIE 1931

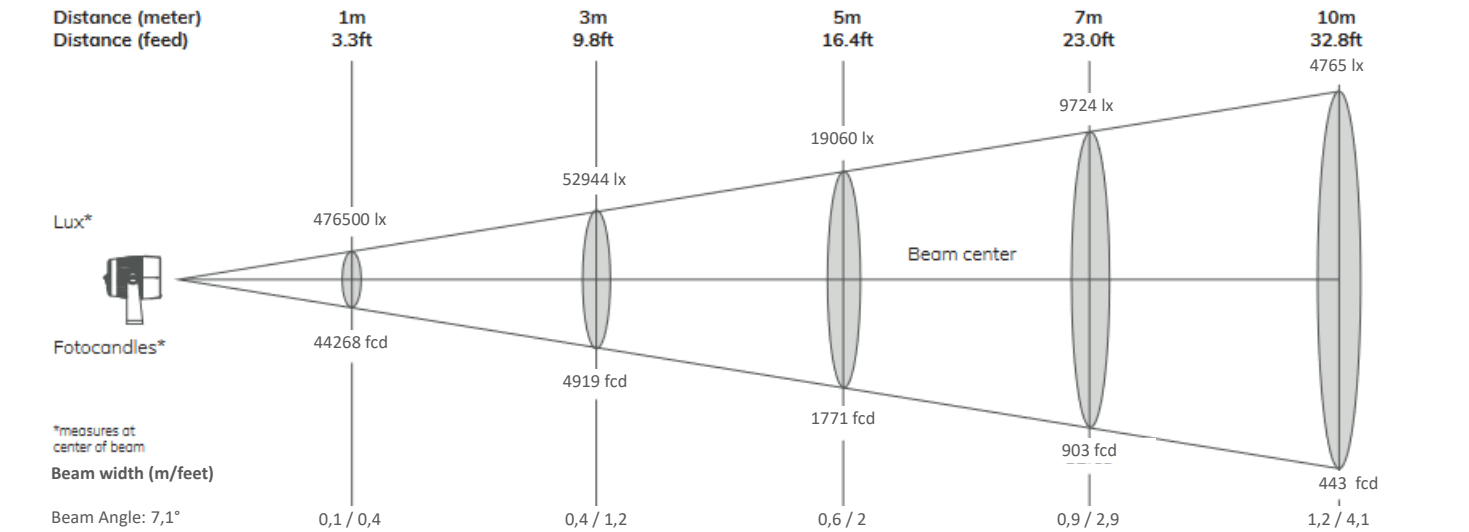
x: 0,333 y: 0,353

Light Quality

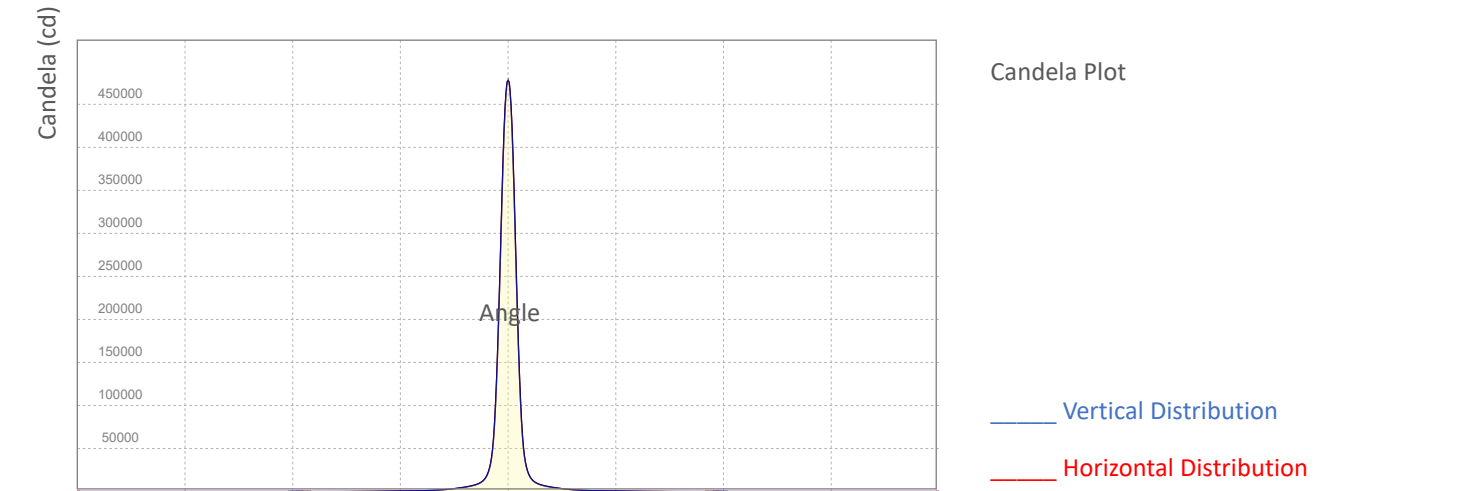
CRI: 86,9

Color Temperature

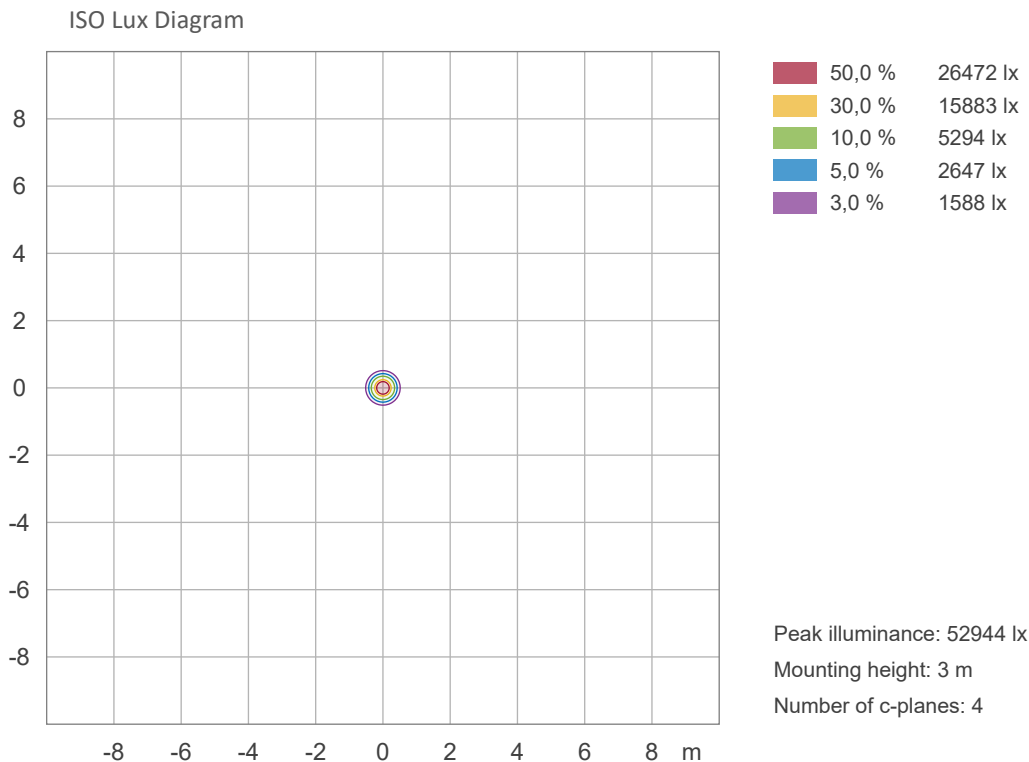
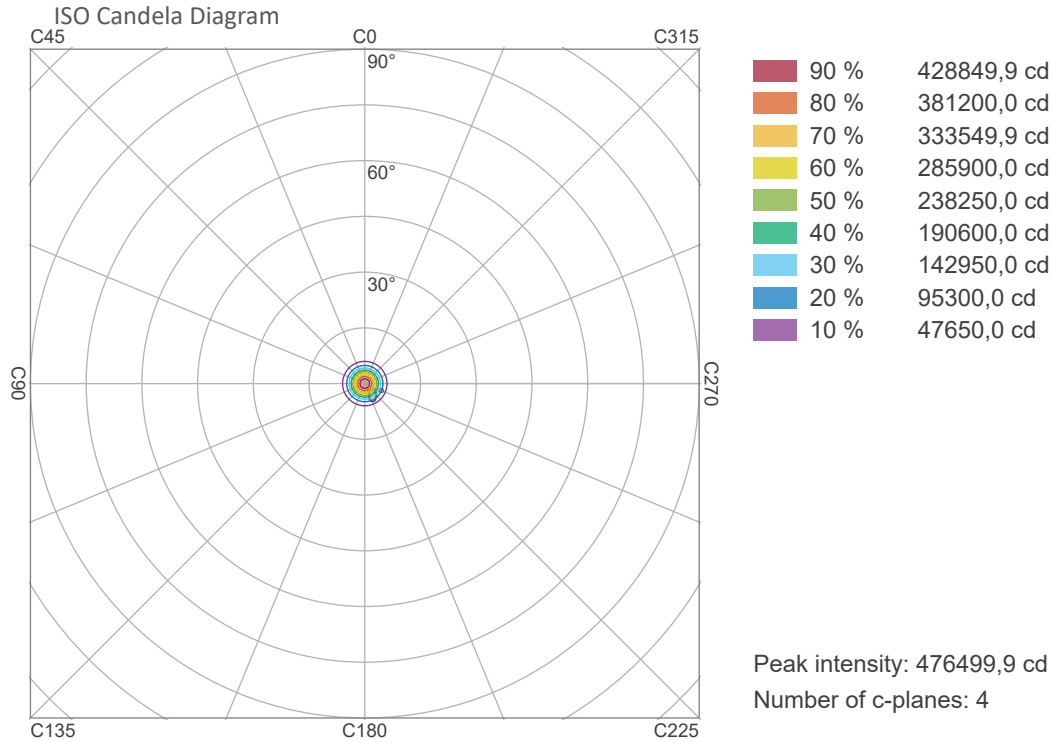
5476 K



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: 7,1°	476500/ 44268	0,1/0,4	52944/ 4919	0,4/1,2	19060/ 1771	0,6/2	9724/ 903	0,9/2,9	4765/ 443	1,2/4,1

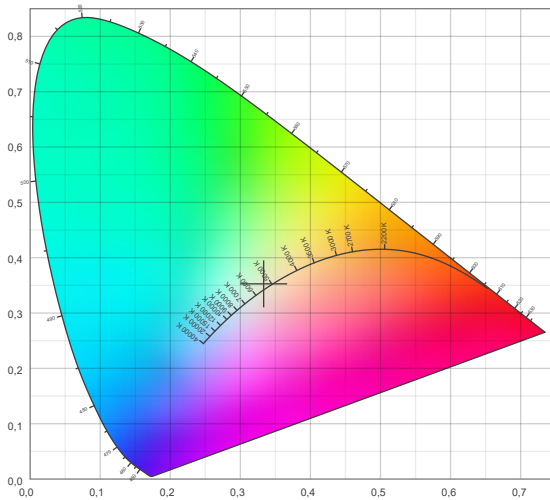


ISO Diagrams

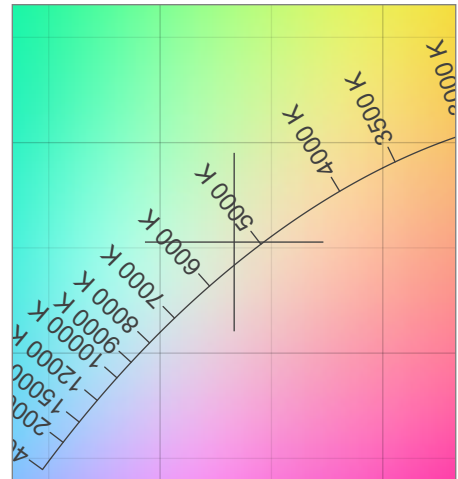


Chromaticity

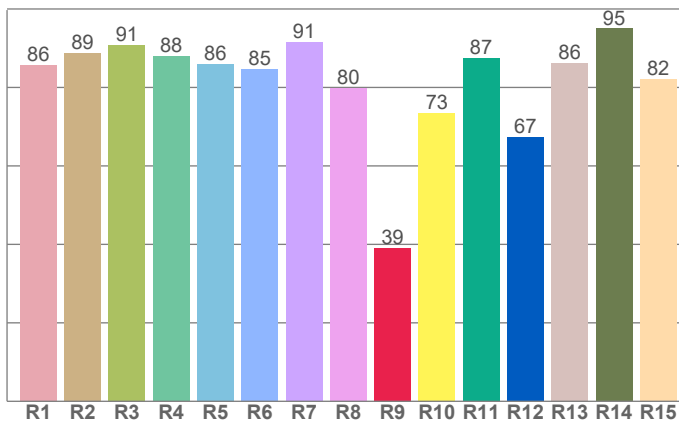
CIE 1931



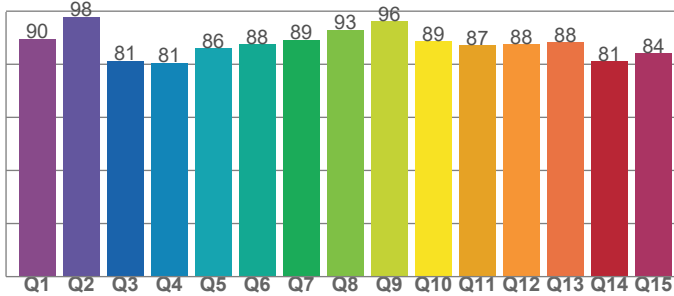
CIE 1931 - Zoom



CRI: 86,9 (R1-R8)



CQS: 86,9



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5476K	0,333	0,353

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0055	0,203	0,322

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
86,9	39,1	86,9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
90	87,8	98,2

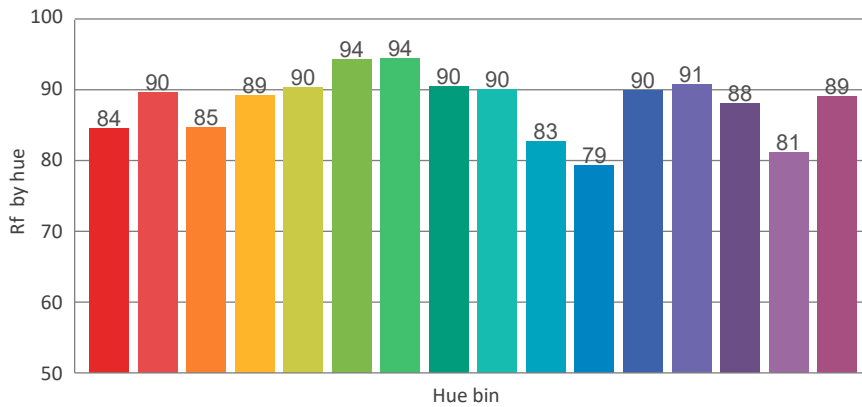
TM30 Details

Rf 87,8

Fidelity Index Rf

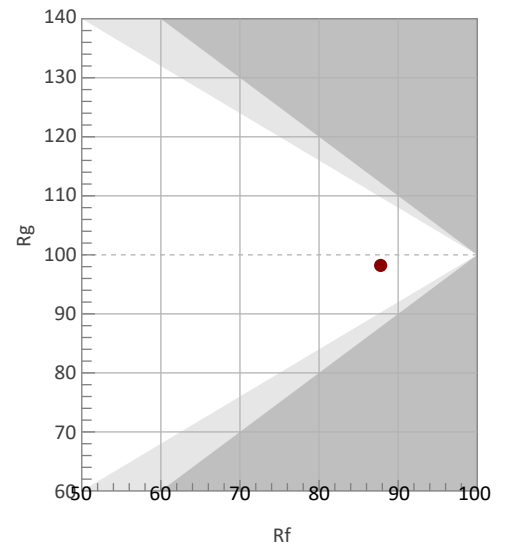
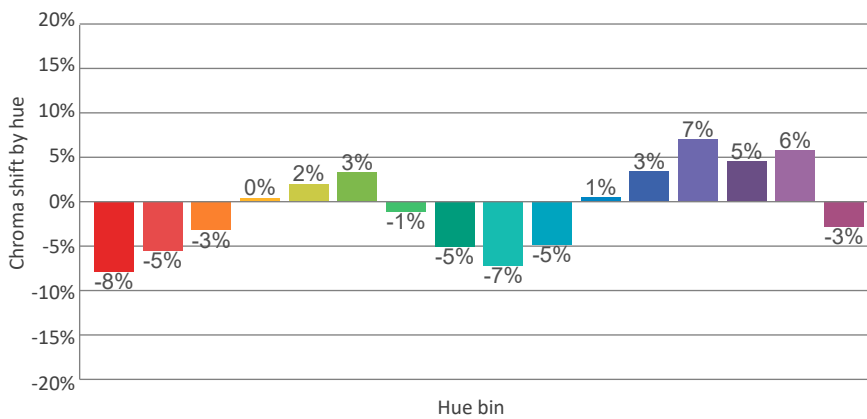
Rg 98,2

Gamut Index Rg

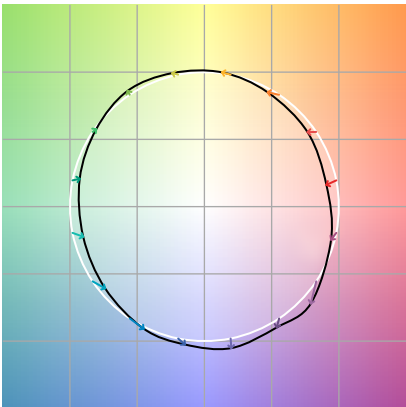


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

