

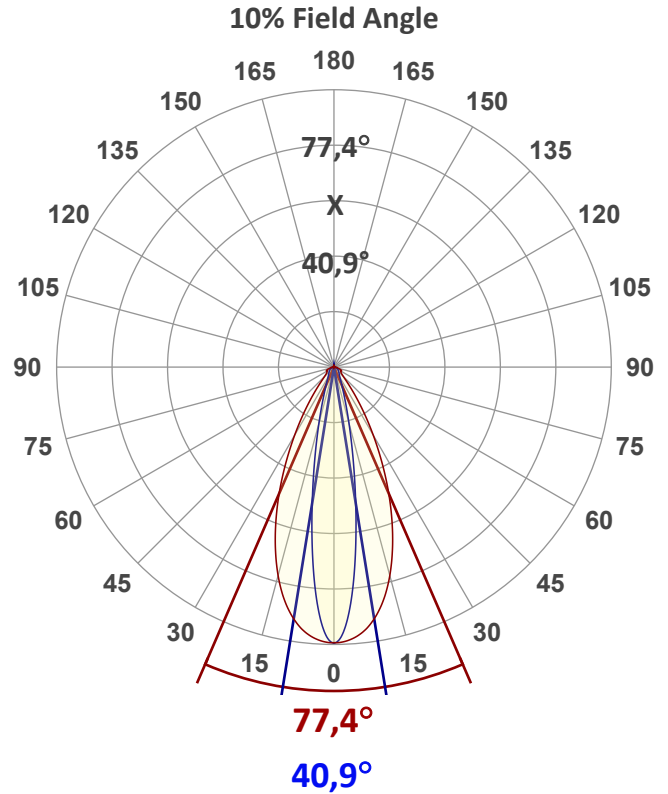
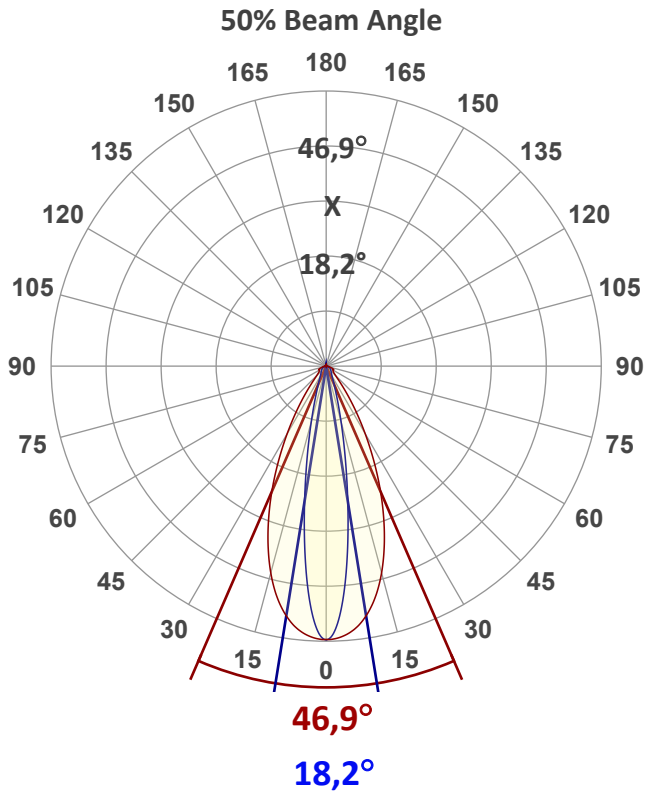
Report Summary



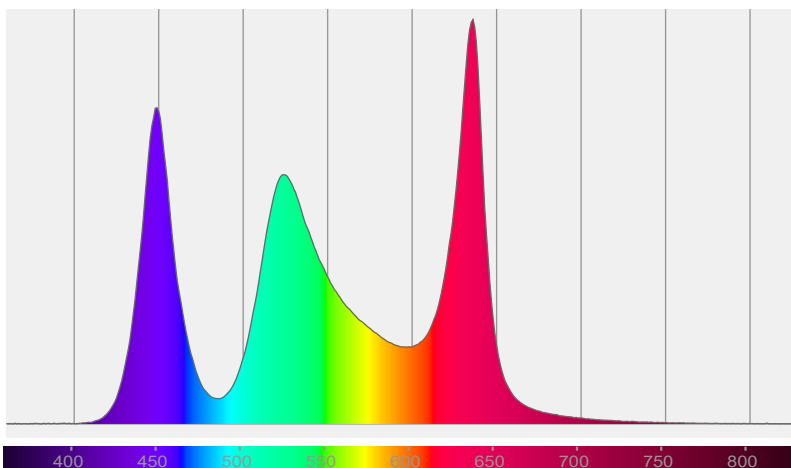
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 3137 lm / 7905 cd	Beam Angle (50%): 46,9°x18,2°	AC Supply: 225 V / 50 Hz
Fixture Efficiency: 36 lm/W	Field Angle (10%): 77,4°x40,9°	Power: 86,9 W
Intensity @ 5m: 316 lx	Cutoff Angle (2,5%): 138,3°x 89,2°	Current: 0,465 A
Color Temperature: 5751 K		Power Factor: 0,83
CRI: 74,0		
CRI R9 Value: -15,2		
CQS: 85,0		
TLCI: 62		
TM-30 Rf: 80,6		
TM-30 Rg: 115,4		

Details



Spectral Distribution



CIE 1931

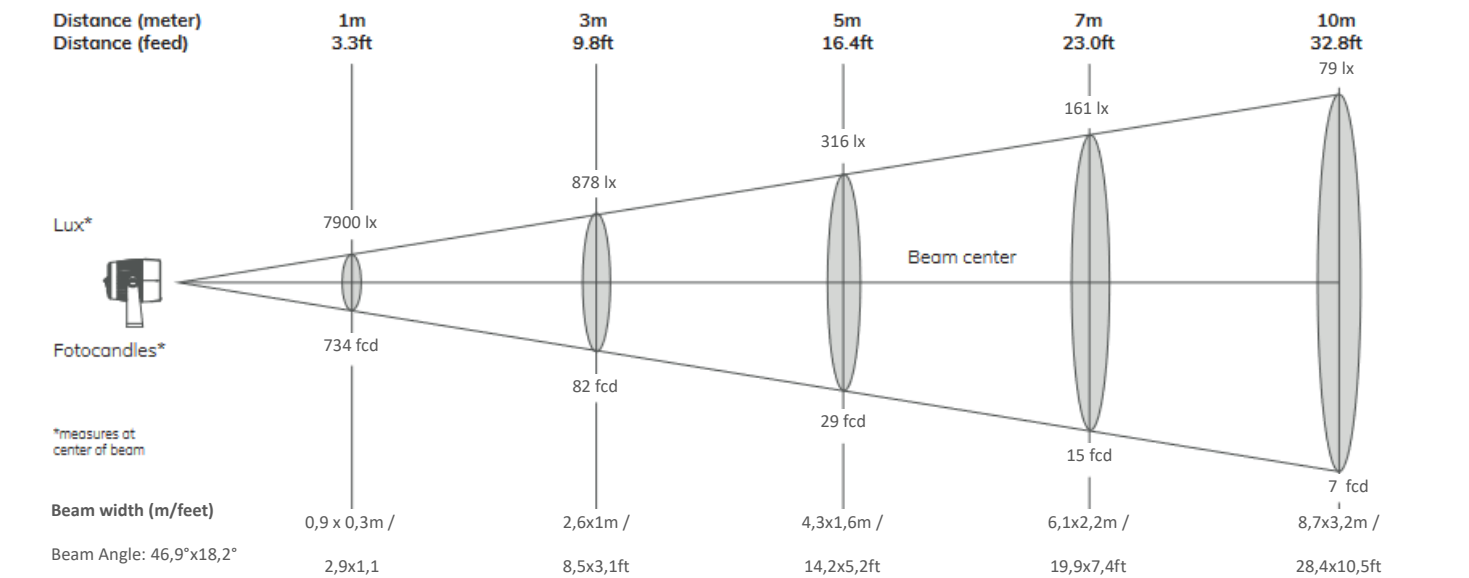
x: 0,327 y: 0,344

Light Quality

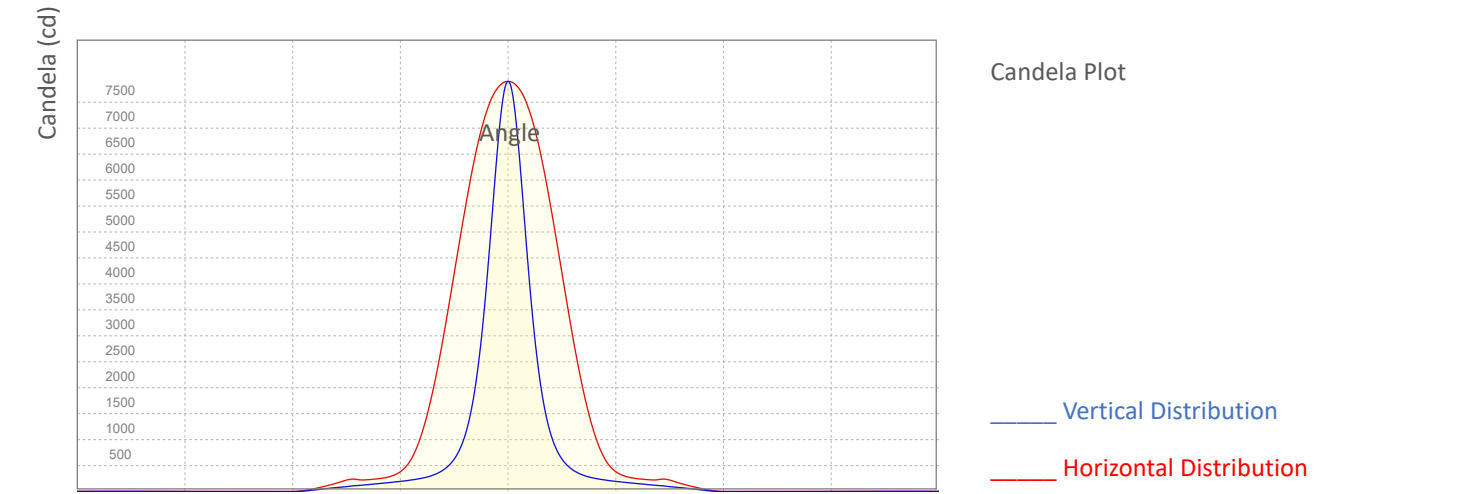
CRI: 74,0

Color Temperature

5751 K

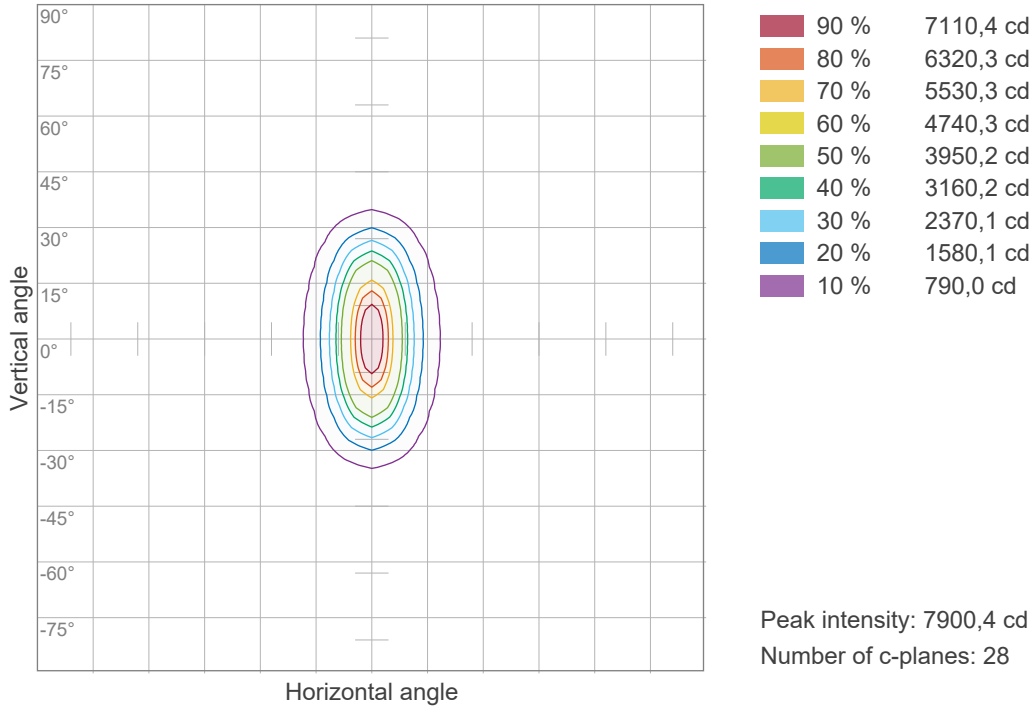


Angle	Distance									
	1m / 3.3ft		3m / 9.8ft		5m / 16.4ft		7m / 23ft		10m / 32.8ft	
	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet
Beam Angle: 46,9°x18,2°	7900/ 734	0,9x0,3/ 2,9x1,1	878/ 82	2,6x1/ 8,5x3,1	316/ 29	4,3x1,6/ 14,2x5,2	161/ 15	6,1x2,2/ 19,9x7,4	79/ 7	8,7x3,2/ 28,4x10,5

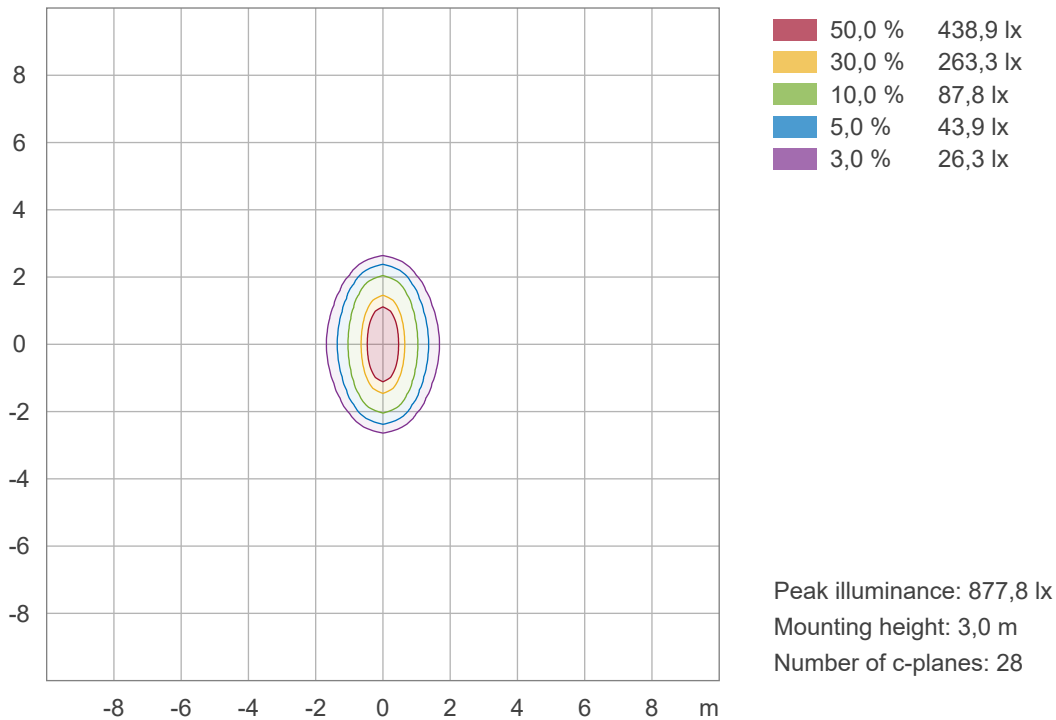


ISO Diagrams

ISO Candela Diagram

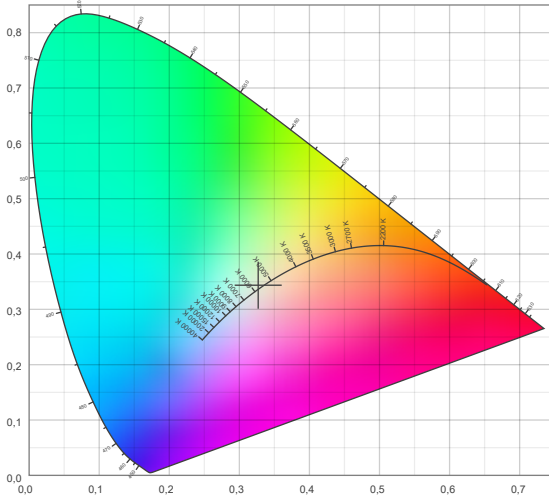


ISO Lux Diagram

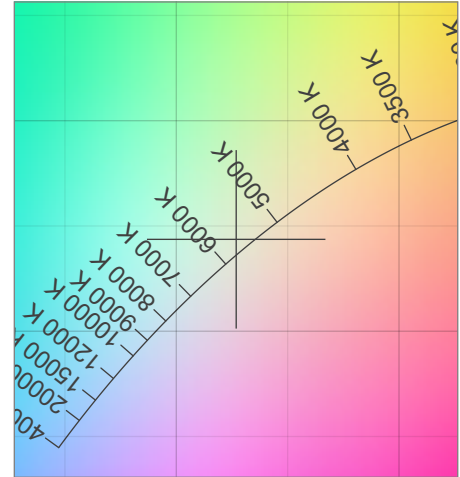


Chromaticity

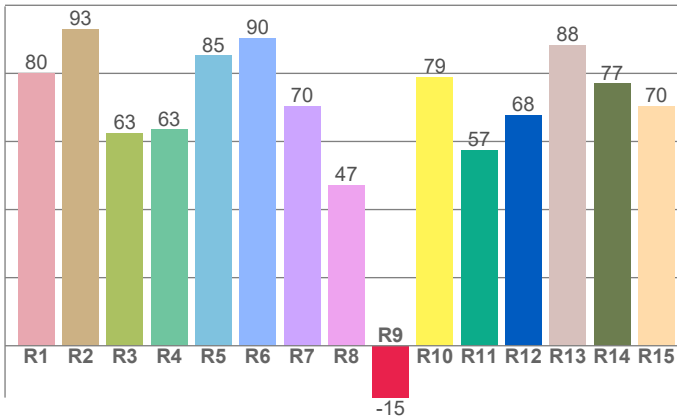
CIE 1931



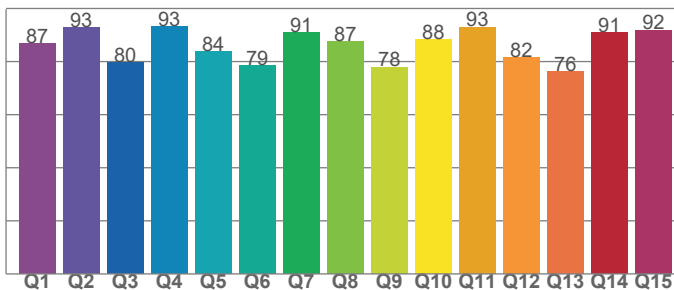
CIE 1931 - Zoom



CRI: 74,0 (R1-R8)



CQS: 85,0



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5751K	0,327	0,344

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0006	0,202	0,319

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
74,0	-15,2	85,0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
62	80,6	115,4

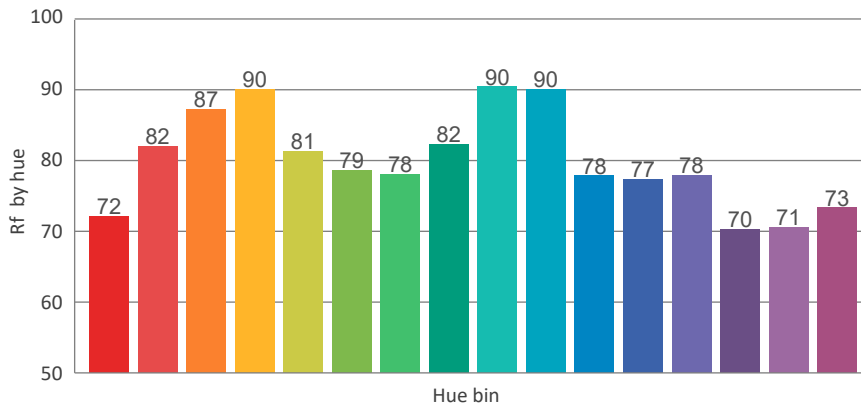
TM30 Details

Rf 80,6

Fidelity Index Rf

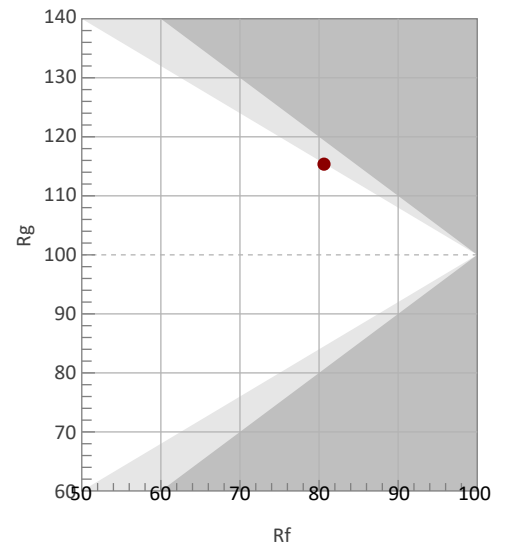
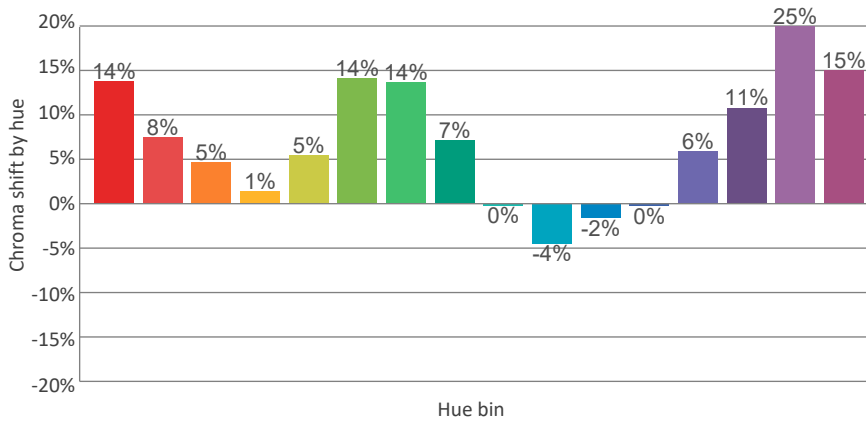
Rg 115,4

Gamut Index Rg

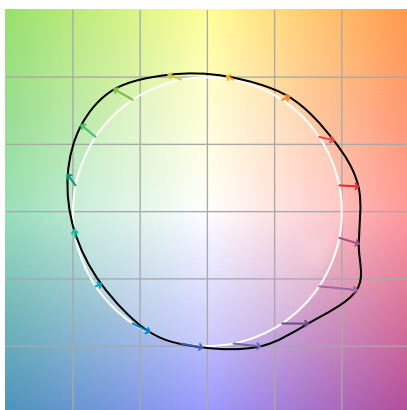


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

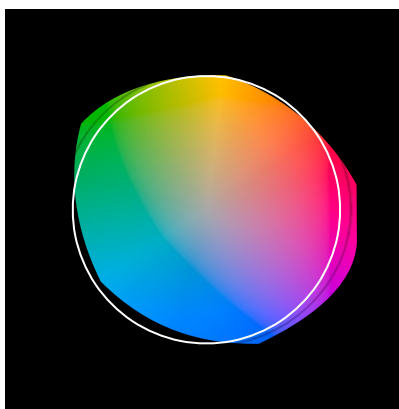
TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

