

XYZ<sub>w</sub>=95.04, 100.0, 108.89

-74 Parameter:  
 $L^*_{TUr} = L^*_{TUr} - 50$   
 $L^*_{TUr}$  & name  
 $Y_r = Y/18$   
 $C_{AB,2} = [A^2 + B^2]^{1/2}$   
 $L^*_{TUr} = 50 + 40[Y_r/\log(5)]$

Illumin. D65,  $Y_w = 90.0$ ,  $Y_r = 3.6$

Name	Range	X	Y	Z	X <sub>N</sub>	Y <sub>N</sub>	Z <sub>N</sub>	λ <sub>a</sub>	λ <sub>c</sub>	a <sub>2</sub>	b <sub>2</sub>	c <sub>2</sub>	A <sub>2</sub>	B <sub>2</sub>	C <sub>AB,2</sub>	A <sub>AB,2</sub>	B <sub>AB,2</sub>	Y <sub>r</sub>	F <sub>IE</sub>	L <sub>Ch</sub>	L <sub>TUv</sub>	L <sub>TAr</sub>
R	567.775	49.44	32.71	3.56	0.576	0.381	1.596	489	1.223	-0.034	0.083	49.6	25.6	55.8	27	1.81	13.9	14.5	14.8	12.6		
Y	493.775	63.04	76.53	8.77	0.424	0.515	570	463	0.61	-0.036	0.331	-1.0	59.6	59.6	9.1	4.2	40.1	41.0	35.9	27.8		
G	493.567	16.67	47.05	8.74	0.23	0.649	935	535	0.184	-0.059	0.518	-0.07	33.1	61.0	146	2.01	24.2	24.9	23.8	19.7		
C	380.567	30.61	51.52	88.16	0.179	0.302	489	596	0.23	-0.547	0.433	-49.6	-25.6	55.8	207	2.86	26.9	27.7	26.1	21.3		
B	380.493	17.01	7.7	82.95	0.158	0.071	463	570	0.671	-3.444	3.096	1.0	-59.6	59.6	271	6.42	-16.6	-16.2	-21.0	-17.6		
M	567.493	63.38	37.18	92.98	0.345	0.202	535	535	1.161	-0.714	0.656	0.0	-33.9	61.0	326	2.26	17.4	18.0	18.0	15.2		
W	380.775	85.53	90.0	80.0	0.312	0.329	90%	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	1.89	4.59	45.9	46.9	40.0	30.1		
N	380.775	3.42	3.6	3.92	0.312	0.329	3%	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	1.89	0.19	-27.6	-27.4	-40.0	-30.1		
U	380.775	18.1	18.0	19.6	0.312	0.329	18%	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	1.89	1.0	-0.4	0.0	0.0	0.0		

fec30-5a

XYZ<sub>w</sub>=96.42, 100.0, 82.49

-74 Parameter:  
 $L^*_{TUr} = L^*_{TUr} - 50$   
 $L^*_{TUr}$  & name  
 $Y_r = Y/18$   
 $C_{AB,2} = [A^2 + B^2]^{1/2}$   
 $L^*_{TUr} = 50 + 40[Y_r/\log(5)]$

Illumin. D50,  $Y_w = 90.0$ ,  $Y_r = 3.6$

Name	Range	X	Y	Z	X <sub>N</sub>	Y <sub>N</sub>	Z <sub>N</sub>	λ <sub>a</sub>	λ <sub>c</sub>	a <sub>2</sub>	b <sub>2</sub>	c <sub>2</sub>	A <sub>2</sub>	B <sub>2</sub>	C <sub>AB,2</sub>	A <sub>AB,2</sub>	B <sub>AB,2</sub>	Y <sub>r</sub>	F <sub>IE</sub>	L <sub>Ch</sub>	L <sub>TUv</sub>	L <sub>TAr</sub>
R	570.775	53.58	34.33	2.71	0.591	0.378	898	491	1.27	-0.031	0.81	52.5	25.6	58.5	25	1.9	15.2	15.8	16.0	13.6		
Y	496.775	67.74	76.35	5.98	0.451	0.508	573	468	0.67	-0.031	0.299	2.5	57.0	57.0	8.7	4.2	40.0	40.9	35.9	27.8		
G	496.570	17.28	45.26	5.95	0.252	0.66	538	538	0.215	-0.052	0.53	-0.00	31.3	59.0	147	2.5	23.0	23.8	22.9	19.0		
C	380.570	27.64	49.9	66.78	0.191	0.345	491	598	0.235	-0.535	0.465	-52.5	-25.6	58.5	205	2.7	26.0	26.7	25.3	20.7		
B	380.496	13.48	7.88	63.5	0.158	0.092	468	573	0.526	-3.223	2.896	-2.5	-57.0	57.0	267	6.43	-16.2	-15.9	-20.5	-17.2		
M	570.496	63.94	38.97	63.54	0.384	0.234	538	538	1.17	-0.652	0.606	0.0	-31.3	59.0	327	2.16	18.7	19.4	19.2	16.1		
W	380.775	86.78	90.0	74.24	0.345	0.358	90%	0.657	-0.329	0.01	0.0	0.0	0.0	0.0	1.89	4.59	45.9	46.9	40.0	30.1		
N	380.775	3.47	3.6	2.96	0.345	0.358	3%	0.657	-0.329	0.01	0.0	0.0	0.0	0.0	1.89	0.19	-27.6	-27.4	-40.0	-30.1		
U	380.775	17.35	18.0	14.84	0.345	0.358	18%	0.657	-0.329	0.01	0.0	0.0	0.0	0.0	1.89	1.0	-0.4	0.0	0.0	0.0		

fec30-6a

XYZ<sub>w</sub>=100.93, 100.0, 64.68

-74 Parameter:  
 $L^*_{TUr} = L^*_{TUr} - 50$   
 $L^*_{TUr}$  & name  
 $Y_r = Y/18$   
 $C_{AB,2} = [A^2 + B^2]^{1/2}$   
 $L^*_{TUr} = 50 + 40[Y_r/\log(5)]$

Illumin. P40,  $Y_w = 90.0$ ,  $Y_r = 3.6$

Name	Range	X	Y	Z	X <sub>N</sub>	Y <sub>N</sub>	Z <sub>N</sub>	λ <sub>a</sub>	λ <sub>c</sub>	a <sub>2</sub>	b <sub>2</sub>	c <sub>2</sub>	A <sub>2</sub>	B <sub>2</sub>	C <sub>AB,2</sub>	A <sub>AB,2</sub>	B <sub>AB,2</sub>	Y <sub>r</sub>	F <sub>IE</sub>	L <sub>Ch</sub>	L <sub>TUv</sub>	L <sub>TAr</sub>
R	573.775	57.85	35.23	2.13	0.607	0.37	600	493	1.344	-0.031	0.697	55.2	26.8	61.4	25	1.99	15.9	16.5	16.6	14.1		
Y	498.775	73.71	77.38	5.25	0.471	0.494	576	468	0.73	-0.035	0.01	2.5	58.2	58.3	8.7	4.25	40.4	41.4	36.2	28.0		
G	498.573	17.12	45.39	5.21	0.274	0.65	540	540	0.25	-0.059	0.53	-0.07	31.3	61.3	149	2.5	23.1	23.8	22.9	19.0		
C	380.573	29.49	52.36	0.211	0.381	0.493	600	600	0.265	-0.555	0.50	-55.2	-26.8	61.4	205	2.7	25.4	26.2	24.8	20.4		
B	380.498	11.31	6.85	49.24	0.167	0.101	468	576	0.568	-3.733	3.4	-2.5	-58.2	58.3	267	6.8	-18.5	-18.1	-23.9	-19.8		
M	573.498	65.89	38.84	49.27	0.427	0.252	540	540	1.26	-0.659	0.631	0.0	-31.3	61.3	329	1.5	18.6	19.3	19.1	16.1		
W	380.775	90.83	90.0	58.22	0.379	0.376	90%	0.717	-0.336	0.01	0.0	0.0	0.0	0.0	1.89	4.59	45.9	46.9	40.0	30.1		
N	380.775	3.63	3.6	2.32	0.379	0.376	3%	0.717	-0.336	0.01	0.0	0.0	0.0	0.0	1.89	0.19	-27.6	-27.4	-40.0	-30.1		
U	380.775	18.16	18.0	11.64	0.379	0.376	18%	0.717	-0.336	0.01	0.0	0.0	0.0	0.0	1.89	1.0	-0.4	0.0	0.0	0.0		

fec30-7a

XYZ<sub>w</sub>=109.84, 99.99, 35.58

-74 Parameter:  
 $L^*_{TUr} = L^*_{TUr} - 50$   
 $L^*_{TUr}$  & name  
 $Y_r = Y/18$   
 $C_{AB,2} = [A^2 + B^2]^{1/2}$   
 $L^*_{TUr} = 50 + 40[Y_r/\log(5)]$

Illumin. A00,  $Y_w = 90.0$ ,  $Y_r = 3.6$

Name	Range	X	Y	Z	X <sub>N</sub>	Y <sub>N</sub>	Z <sub>N</sub>	λ <sub>a</sub>	λ <sub>c</sub>	a <sub>2</sub>	b <sub>2</sub>	c <sub>2</sub>	A <sub>2</sub>	B <sub>2</sub>	C <sub>AB,2</sub>	A <sub>AB,2</sub>	B <sub>AB,2</sub>	Y <sub>r</sub>	F <sub>IE</sub>	L <sub>Ch</sub>	L <sub>TUv</sub>	L <sub>TAr</sub>
R	579.775	65.67	36.68	1.18	0.634	0.354	605	499	1.479	-0.032	0.727	59.7	26.9	66.6	26	2.03	17.0	17.7	17.6	14.9		
Y	504.775	84.79	77.87	2.96	0.511	0.47	581	474	0.854	-0.038	0.318	5.1	61.8	62.0	8.5	4.32	40.7	41.6	36.4	28.0		
G	504.579	22.67	44.42	2.93	0.323	0.634	547	547	0.337	-0.066	0.37	-0.07	31.3	63.3	149	2.4	24.5	23.2	22.4	18.6		
C	380.579	26.86	47.25	28.79	0.26	0.46	499	605	0.326	-0.605	0.501	-59.7	-29.6	66.6	206	2.6	24.5	25.2	24.1	19.9		
B	380.504	7.14	6.36	27.0	0.188	0.154	474	581	0.505	-4.241	3.89	-5.1	-61.8	62.0	265	6.5	-19.6	-19.3	-25.8	-21.1		
M	579.504	69.85	38.81	27.03	0.51	0.291	547	547	1.376	-0.679	0.636	0.0	-32.1	63.3	329	2.21	19.3	20.0	19.7	16.5		
W	380.775	98.86	89.99	32.02	0.447	0.407	90%	0.828	-0.355	0.01	0.0	0.0	0.0	0.0	1.89	4.59	45.9	46.9	40.0	30.1		
N	380.775	3.95	3.59	1.28	0.447	0.407	3%	0.828	-0.355	0.01	0.0	0.0	0.0	0.0	1.89	0.19	-27.6	-27.4	-40.0	-30.1		
U	380.775	19.77	17.99	6.4	0.447	0.407	18%	0.828	-0.355	0.01	0.0	0.0	0.0	0.0	1.89	1.0	-0.4	0.0	0.0	0.0		

fec30-8a