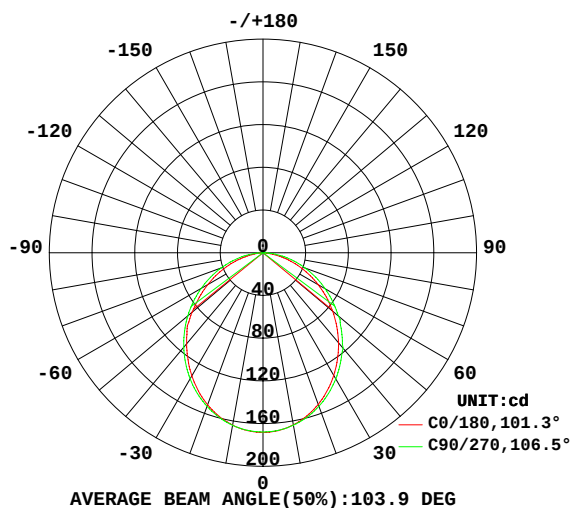


LUMINAIRE PHOTOMETRIC TEST REPORT

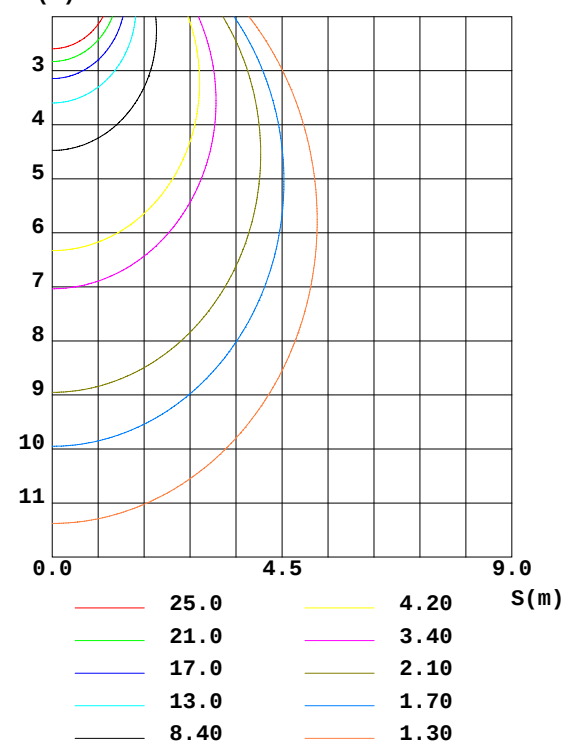
Test:U:24.00V I:0.2500A P:6.000W PF:1.000 Lamp Flux:433.64x1 lm		
NAME: CL-Linear30-uls 6w 3000K 90RA	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 72.27 lm/W			
MODEL		I _{max} (cd)	168.2	S/MH(C0/180)	1.18
NOMINAL POWER(W)	6	LOR(%)	100.0	S/MH(C90/270)	1.21
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	433.64	η UP, DN(C0-180)	0.1, 50.1
NOMINAL FLUX(lm)	433.64	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.1, 49.7
LAMPS INSIDE	1	η up(%)	0.2	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	99.8	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 0
Test Date: 2023-03-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	163.7	163.7	164.0	163.7	163.9	164.0	164.1	163.4	0- 10	15.83	15.83	3.65, 3.65
20	151.2	151.8	153.0	152.2	151.6	152.4	153.1	151.5	10- 20	44.74	60.57	14, 14
30	132.6	134.1	136.3	134.7	133.2	134.7	136.4	133.7	20- 30	66.24	126.8	29.2, 29.2
40	110.0	112.4	116.8	113.1	111.3	112.9	115.5	112.0	30- 40	77.52	204.3	47.1, 47.1
50	85.20	88.21	92.37	88.90	86.68	88.66	91.90	87.84	40- 50	77.86	282.2	65.1, 65.1
60	59.67	62.91	67.14	63.45	59.80	63.01	66.89	62.42	50- 60	67.83	350.0	80.7, 80.7
70	34.50	37.78	42.15	38.12	34.18	37.49	41.78	37.20	60- 70	49.90	399.9	92.2, 92.2
80	11.28	14.20	18.61	14.33	10.55	13.44	17.98	13.43	70- 80	27.25	427.2	98.5, 98.5
90	0	0	0.0059	0	0	0	0	0	80- 90	5.418	432.6	99.8, 99.8
100	0	0	0	0	0	0	0	0	90-100	0.0000	432.6	99.8, 99.8
110	0	0	0	0.0047	0.0473	0.0426	0.0567	0.0426	100-110	0.0068	432.6	99.8, 99.8
120	0.1179	0.0989	0.0942	0.0990	0.2267	0.1323	0.1463	0.1417	110-120	0.0707	432.7	99.8, 99.8
130	0.2970	0.2075	0.1887	0.2028	0.2424	0.2220	0.2361	0.2314	120-130	0.1541	432.8	99.8, 99.8
140	0.4247	0.3161	0.2784	0.3067	0.3069	0.3256	0.3163	0.3162	130-140	0.2226	433.0	99.9, 99.9
150	0.4718	0.3680	0.3680	0.3633	0.3917	0.3965	0.3965	0.3965	140-150	0.2339	433.3	99.9, 99.9
160	0.4953	0.4247	0.4247	0.4247	0.4625	0.4579	0.4672	0.4625	150-160	0.1961	433.5	100, 100
170	0.4954	0.4766	0.4756	0.4719	0.4994	0.4990	0.4990	0.4984	160-170	0.1340	433.6	100, 100
180	0.5097	0.5002	0.5002	0.5002	0.5049	0.5049	0.5049	0.5049	170-180	0.0473	433.6	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

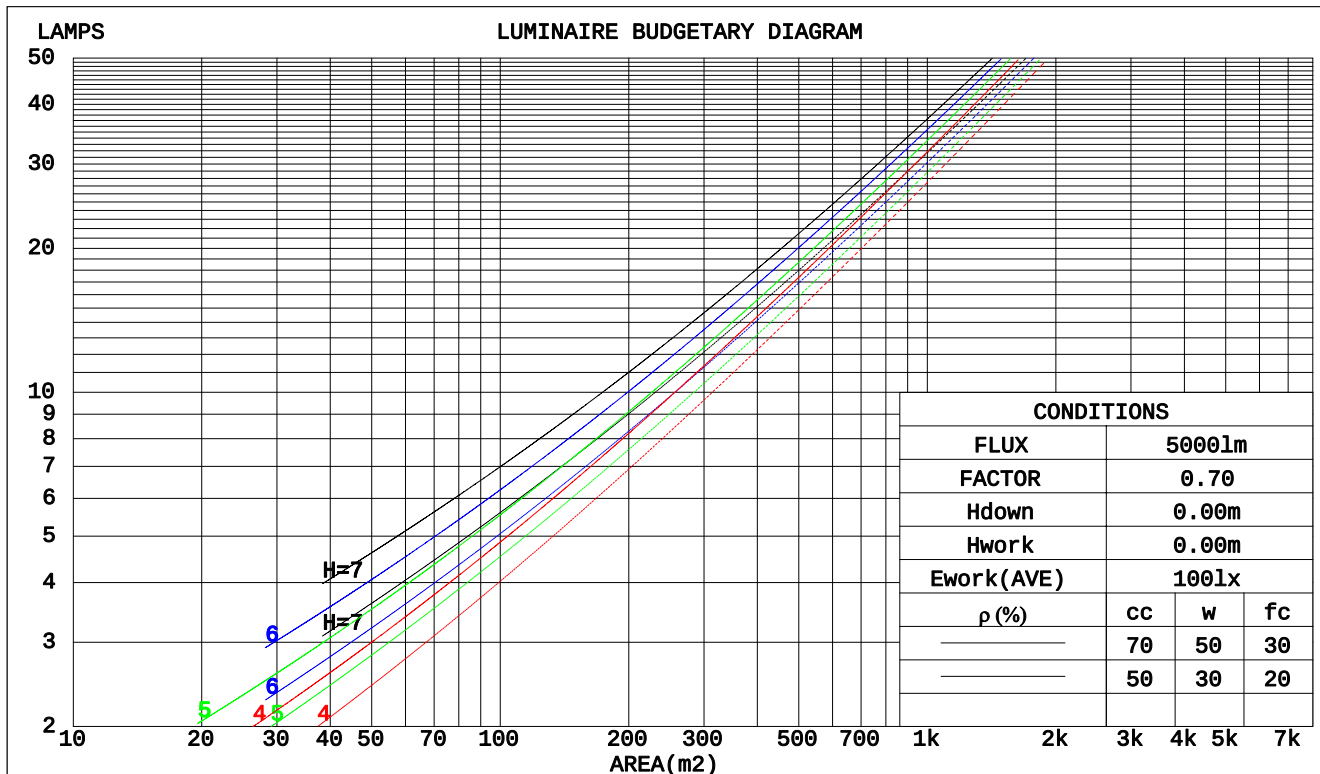
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 0
Test Date: 2023-03-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.2500A P:6.000W PF:1.000 Lamp Flux:433.64x1 lm		
NAME: Linear30-uls 6w 3000K 90RA	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: 0	SUR.:	PROTECTION ANGLE:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.05	1.00	.97	1.02	.99	.95	.98	.95	.92	.94	.92	.89	.90	.88	.87	.84
2.0	.91	.85	.79	.90	.83	.78	.86	.81	.76	.83	.78	.75	.80	.76	.73	.71
3.0	.81	.73	.66	.79	.72	.66	.76	.70	.64	.73	.68	.63	.71	.66	.62	.60
4.0	.72	.63	.56	.70	.62	.56	.68	.61	.55	.65	.59	.54	.63	.58	.54	.51
5.0	.64	.55	.49	.63	.55	.48	.61	.53	.48	.59	.52	.47	.57	.51	.47	.45
6.0	.58	.49	.43	.57	.48	.42	.55	.48	.42	.53	.47	.42	.52	.46	.41	.39
7.0	.52	.44	.38	.52	.43	.38	.50	.43	.37	.49	.42	.37	.47	.41	.37	.35
8.0	.48	.40	.34	.47	.39	.34	.46	.39	.33	.45	.38	.33	.43	.37	.33	.31
9.0	.44	.36	.30	.43	.36	.30	.42	.35	.30	.41	.35	.30	.40	.34	.30	.28
10.0	.41	.33	.28	.40	.33	.28	.39	.32	.27	.38	.32	.27	.37	.31	.27	.25



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:0
Test Date:2023-03-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:24.00V I:0.2500A P:6.000W PF:1.000 Lamp Flux:433.64x1 lm									
NAME: Linear30-uls 6w 3000K 90RA					TYPE:			WEIGHT:	
DIM.:					SPEC.:			SERIAL No.:	
MFR.: 0					SUR.:			PROTECTION ANGLE:	

ρ_{cc}	80%			70%			50%			30%			10%			0		
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0		
ρ_{fc}	20%			20%			20%			20%			20%			0		
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)											
0.0																		
1.0	.296	.168	.053	.289	.165	.052	.275	.158	.050	.263	.152	.049	.252	.146	.047			
2.0	.281	.154	.047	.275	.152	.047	.263	.146	.045	.253	.142	.044	.243	.137	.043			
3.0	.262	.139	.042	.256	.137	.041	.246	.133	.041	.236	.130	.040	.228	.126	.039			
4.0	.243	.126	.037	.238	.124	.037	.229	.121	.036	.220	.118	.036	.212	.115	.035			
5.0	.225	.115	.033	.221	.113	.033	.213	.111	.033	.205	.108	.032	.198	.106	.032			
6.0	.209	.105	.030	.205	.104	.030	.198	.102	.030	.191	.099	.029	.185	.097	.029			
7.0	.195	.096	.027	.192	.095	.027	.185	.094	.027	.179	.092	.027	.173	.090	.026			
8.0	.182	.089	.025	.179	.088	.025	.174	.087	.025	.168	.085	.025	.163	.084	.024			
9.0	.171	.083	.023	.169	.082	.023	.163	.081	.023	.158	.079	.023	.154	.078	.023			
10.0	.161	.077	.021	.159	.077	.021	.154	.075	.021	.150	.074	.021	.145	.073	.021			

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Ceiling Cavity Exitance Coefficients(CCEC)												
0.0	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.181	.158	.137	.155	.136	.118	.106	.093	.082	.061	.054	.048	.020	.017	.015	
2.0	.173	.134	.101	.148	.115	.087	.101	.080	.061	.058	.046	.036	.019	.015	.012	
3.0	.165	.116	.077	.141	.100	.067	.097	.070	.047	.056	.041	.028	.018	.013	.009	
4.0	.157	.103	.061	.135	.089	.053	.093	.062	.037	.054	.036	.022	.017	.012	.007	
5.0	.150	.092	.050	.129	.080	.043	.089	.056	.031	.051	.033	.018	.017	.011	.006	
6.0	.143	.084	.042	.123	.073	.036	.085	.051	.026	.049	.030	.015	.016	.010	.005	
7.0	.136	.077	.036	.117	.067	.031	.081	.047	.022	.047	.028	.013	.015	.009	.004	
8.0	.130	.071	.031	.112	.062	.027	.077	.043	.019	.045	.026	.011	.015	.008	.004	
9.0	.124	.066	.027	.106	.057	.024	.074	.040	.017	.043	.024	.010	.014	.008	.003	
10.0	.118	.062	.025	.102	.054	.021	.071	.038	.015	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:0
Test Date:2023-03-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

Uncorrected UGR Table

Test:U:24.00V I:0.2500A P:6.000W PF:1.000 Lamp Flux:433.64x1 lm											
NAME: Linear30-u1s 6w 3000K 90RA					TYPE:			WEIGHT:			
DIM.:					SPEC.:			SERIAL No.:			
MFR.: 0					SUR.:			PROTECTION ANGLE:			
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions		Viewed crosswise					Viewed endwise				
x = 2H y = 2H		13.5	15.0	13.8	15.2	15.4	14.0	15.5	14.3	15.7	15.9
	3H	14.8	16.2	15.1	16.4	16.6	15.5	16.9	15.8	17.1	17.3
	4H	15.3	16.6	15.6	16.8	17.1	16.1	17.4	16.4	17.7	17.9
	6H	15.5	16.7	15.8	17.0	17.3	16.6	17.8	16.9	18.1	18.4
	8H	15.5	16.7	15.9	17.0	17.3	16.7	17.9	17.1	18.2	18.5
	12H	15.5	16.6	15.9	16.9	17.3	16.8	18.0	17.2	18.3	18.6
4H	2H	14.1	15.4	14.4	15.7	15.9	14.5	15.8	14.8	16.1	16.3
	3H	15.6	16.7	15.9	17.0	17.3	16.2	17.3	16.6	17.6	17.9
	4H	16.2	17.2	16.5	17.5	17.9	17.0	18.0	17.3	18.3	18.7
	6H	16.5	17.4	16.9	17.8	18.2	17.6	18.5	18.0	18.8	19.2
	8H	16.6	17.4	17.0	17.8	18.2	17.8	18.6	18.2	19.0	19.4
	12H	16.6	17.3	17.0	17.7	18.1	17.9	18.7	18.3	19.1	19.5
8H	4H	16.4	17.3	16.9	17.7	18.1	17.1	18.0	17.6	18.4	18.8
	6H	16.9	17.6	17.3	18.0	18.4	17.9	18.6	18.3	19.0	19.4
	8H	17.0	17.6	17.5	18.1	18.5	18.2	18.8	18.6	19.2	19.7
	12H	17.0	17.5	17.5	18.0	18.5	18.4	18.9	18.8	19.3	19.8
12H	4H	16.5	17.2	16.9	17.6	18.0	17.1	17.9	17.6	18.3	18.7
	6H	16.9	17.6	17.4	18.0	18.5	17.9	18.5	18.4	18.9	19.4
	8H	17.1	17.6	17.6	18.1	18.5	18.2	18.7	18.7	19.2	19.7
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.3 / - 0.4					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 433.6 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.9)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:0
Test Date:2023-03-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.2500A P:6.000W PF:1.000 Lamp Flux:433.64x1 lm		
NAME: Linear30-uls 6w 3000K 90RA	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: 0	SUR.:	PROTECTION ANGLE:

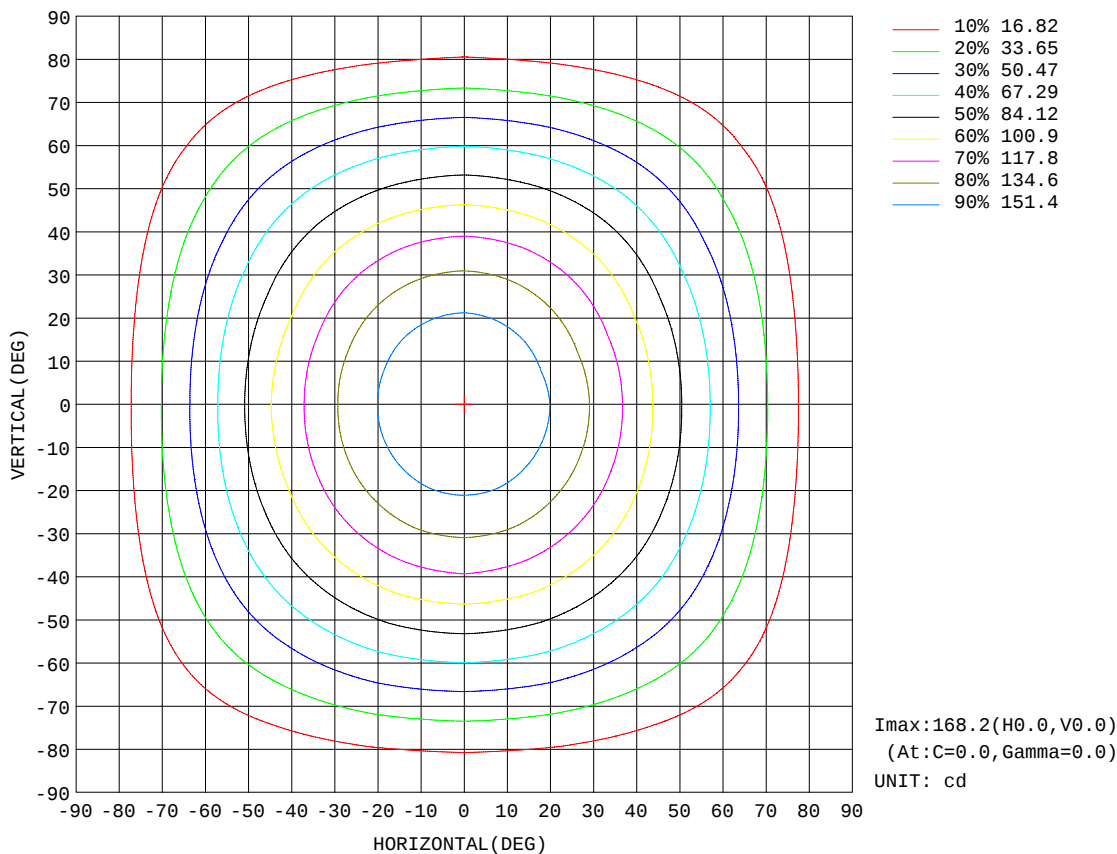
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	59	48	41	58	47	41	57	47	40	34
0.80	69	58	50	68	57	50	66	56	50	43
1.00	77	67	59	76	66	59	74	67	59	52
1.25	84	74	67	83	73	67	80	72	66	59
1.50	89	80	73	88	79	72	85	77	71	64
2.00	96	88	82	94	87	81	91	84	79	71
2.50	100	92	86	98	91	86	94	88	84	75
3.00	103	96	91	101	95	90	97	92	88	79
4.00	107	101	97	104	100	96	100	96	93	84
5.00	109	105	101	107	103	99	102	99	96	87
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:0
 Test Date:2023-03-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.262
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.2500A P:6.000W PF:1.000 Lamp Flux:433.64x1 lm		
NAME: Linear30-uls 6w 3000K 90RA	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: 0	SUR.:	PROTECTION ANGLE:

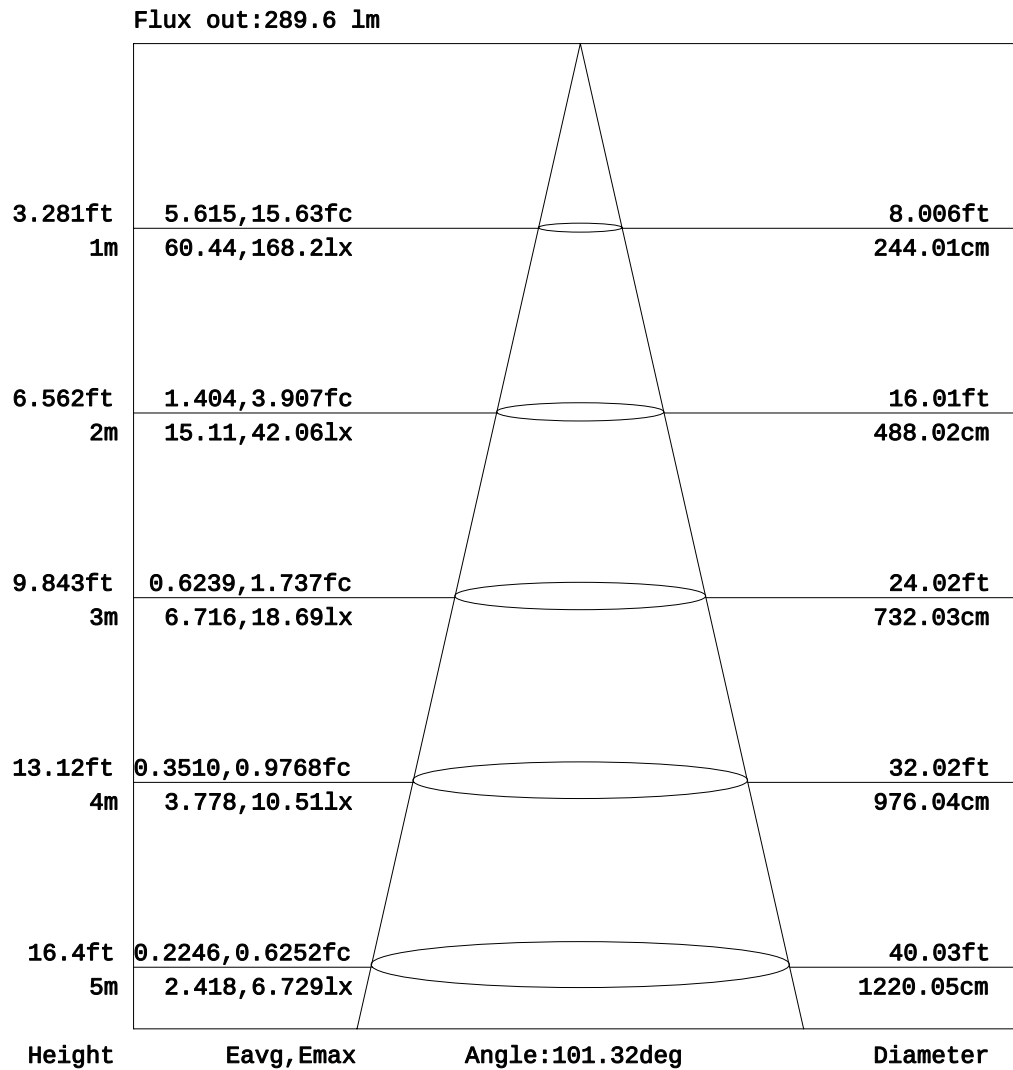


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:0
Test Date:2023-03-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.00V I:0.2500A P:6.000W PF:1.000 Lamp Flux:433.64x1 lm		
NAME: Linear30-uls 6w 3000K 90RA	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: 0	SUR.:	PROTECTION ANGLE:



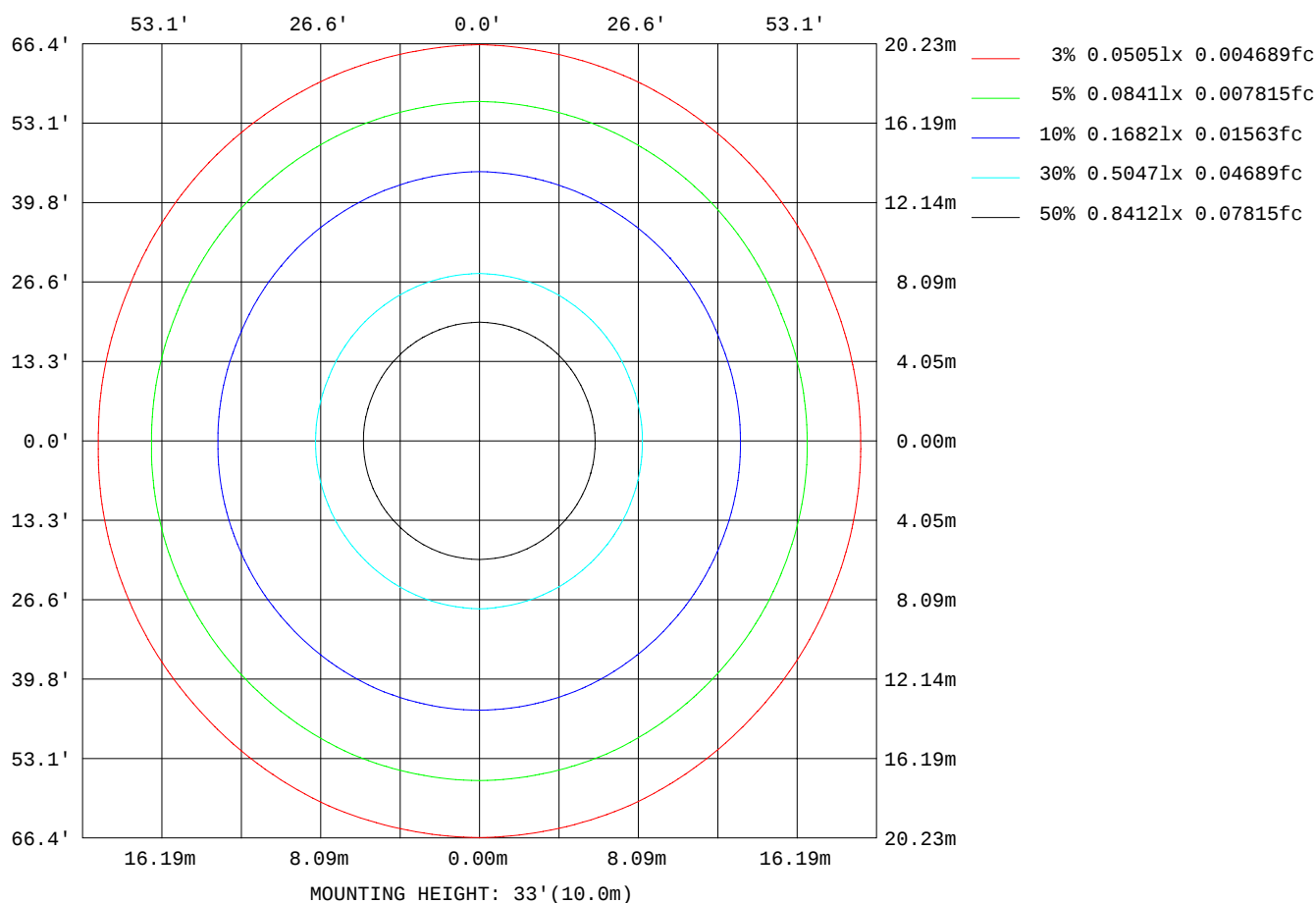
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:0
Test Date:2023-03-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:24.00V I:0.2500A P:6.000W PF:1.000 Lamp Flux:433.64x1 lm		
NAME: Linear30-uls 6w 3000K 90RA	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: 0	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 0
Test Date: 2023-03-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

Average Luminance Table(CIBSE)

Test:U:24.00V I:0.2500A P:6.000W PF:1.000 Lamp Flux:433.64x1 lm		
NAME: Linear30-uls 6w 3000K 90RA	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: 0	SUR.:	PROTECTION ANGLE:

Parameter description for average Luminance	Symbol	Value	Unit
Luminance in Azimuth Plane	Bc	refer Table 2	cd/sq.m.
Intensity at angle Gamma in given azimuth plane	I	from data	cd/klm
Number of lamps	N	1	
Output of each lamp(initial lumens as specified)	F	433.64	lm
Multiplying factor	K	1	
Luminous area in horizontal plane used in calculations	A	0.1	sq.m.
Angle to the downward vertical from light centre	Gamma	from data	deg

Table 1. Calculation parameters for determination of CIBSE LG3:1996 Average Luminance

G deg	C plane(deg)																		
	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	1263	1269	1278	1292	1309	1330	1354	1373	1385	1389	1387	1378	1361	1340	1321	1305	1291	1279	1270
60	1193	1200	1211	1227	1247	1272	1301	1324	1337	1343	1340	1329	1308	1282	1259	1241	1224	1207	1196
65	1111	1120	1134	1152	1175	1206	1240	1269	1285	1291	1287	1274	1248	1215	1187	1165	1145	1124	1109
70	1009	1020	1037	1060	1088	1126	1168	1204	1224	1232	1227	1209	1175	1135	1100	1073	1047	1019	999
75	870	884	906	935	972	1020	1075	1122	1151	1164	1154	1128	1082	1029	983	948	914	877	850
80	649	666	694	735	787	856	935	1005	1051	1072	1053	1009	941	863	797	747	698	645	608
85	193	213	251	305	380	491	628	756	851	897	851	758	631	494	386	314	250	183	136

Table 2. Average Luminance(cd/sq.m.) for defined C plane,Gamma angle

CIBSE Category	Gamma (deg)	Average Luminance		Patch Luminance	
		maximum calculated	specified maximum	maximum measured	specified maximum
Category 1	55 to 90	1389	200	---	500
Category 2	65 to 90	1291	200	---	500
Category 3	75 to 90	1164	200	---	500

Table 3. Tabulation of Average and Patch Luminance(cd/sq.m.) for defined CIBSE categories

No match

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:0
Test Date:2023-03-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

Average Luminance Table(CIBSE)

Test:U:24.00V I:0.2500A P:6.000W PF:1.000 Lamp Flux:433.64x1 lm		
NAME: Linear30-uls 6w 3000K 90RA	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: 0	SUR.:	PROTECTION ANGLE:

Parameter description for average Luminance	Symbol	Value	Unit
Luminance in Azimuth Plane	Bc	refer Table 2	cd/sq.m.
Intensity at angle Gamma in given azimuth plane	I	from data	cd/klm
Number of lamps	N	1	
Output of each lamp(initial lumens as specified)	F	433.64	lm
Multiplying factor	K	1	
Luminous area in horizontal plane used in calculations	A	0.1	sq.m.
Angle to the downward vertical from light centre	Gamma	from data	deg

Table 1. Calculation parameters for determination of CIBSE LG3:2001 Average Luminance

G	C plane(deg)																		
deg	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	1263	1269	1278	1292	1309	1330	1354	1373	1385	1389	1387	1378	1361	1340	1321	1305	1291	1279	1270
60	1193	1200	1211	1227	1247	1272	1301	1324	1337	1343	1340	1329	1308	1282	1259	1241	1224	1207	1196
65	1111	1120	1134	1152	1175	1206	1240	1269	1285	1291	1287	1274	1248	1215	1187	1165	1145	1124	1109
70	1009	1020	1037	1060	1088	1126	1168	1204	1224	1232	1227	1209	1175	1135	1100	1073	1047	1019	999
75	870	884	906	935	972	1020	1075	1122	1151	1164	1154	1128	1082	1029	983	948	914	877	850
80	649	666	694	735	787	856	935	1005	1051	1072	1053	1009	941	863	797	747	698	645	608
85	193	213	251	305	380	491	628	756	851	897	851	758	631	494	386	314	250	183	136

Table 2. Average Luminance(cd/sq.m.) for defined C plane,Gamma angle

range (deg)	Maximum measured	Average Luminance(cd/sq.m)			
		Maximum limit for screen type & software category used			
		Type I,II screen Some neg.s'ware	Type I,II screen Only pos.s'ware	Type III screen Some neg.s'ware	Type III screen Only pos.s'ware
55 to 90	1389	1000	1500	200	500
65 to 90	1291	1000	1500	200	500

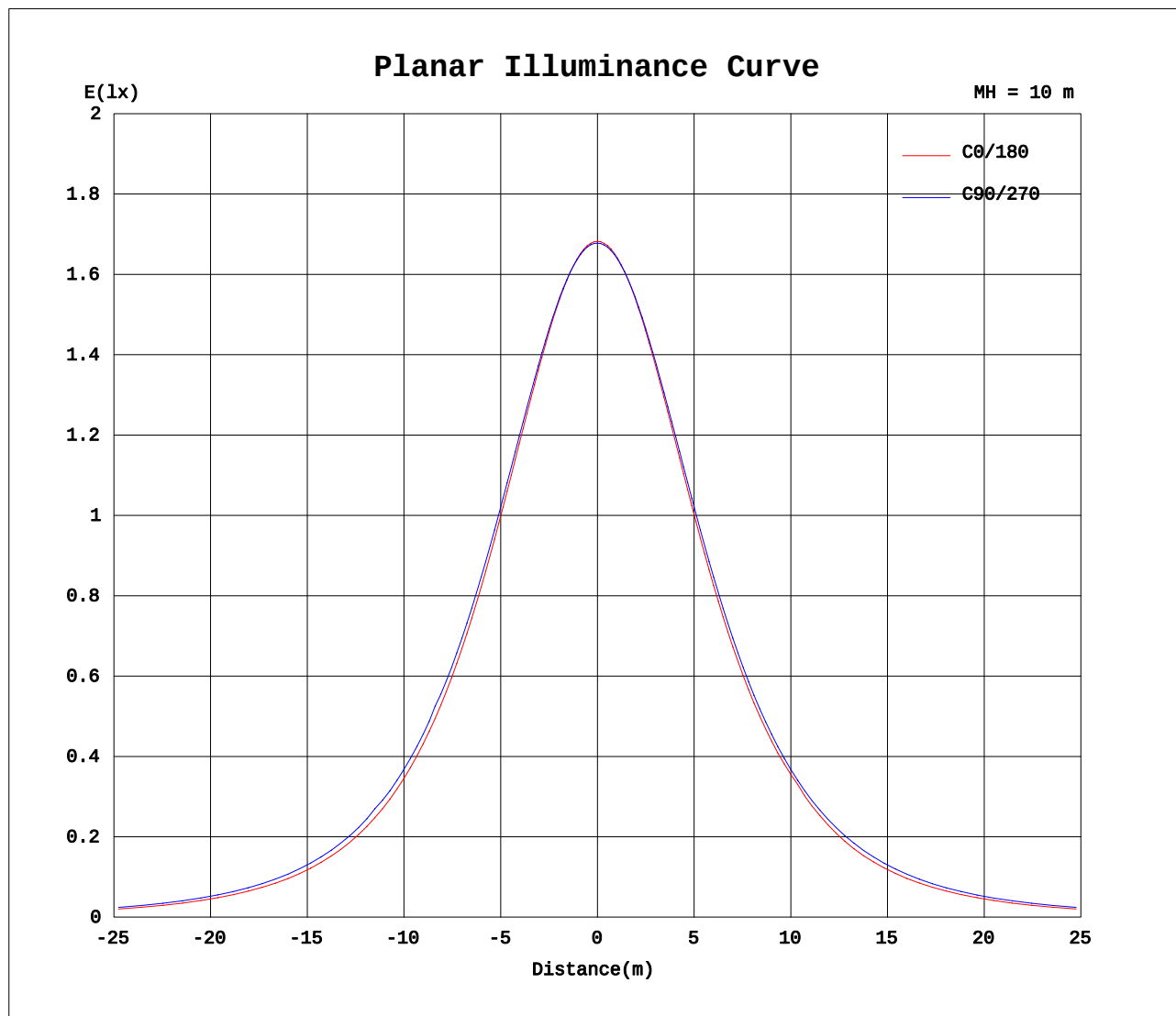
Table 3. Tabulation of average luminance(cd/sq.m.) and luminance limits

No match

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:0
Test Date:2023-03-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 0
Test Date: 2023-03-10

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.2500A P:6.000W PF:1.000 Lamp Flux:433.64x1 lm																	
NAME: Linear30-uls 6w 3000K 90RA									TYPE:						WEIGHT:		
DIM.:									SPEC.:						SERIAL No.:		
MFR.: 0									SUR.:						PROTECTION ANGLE:		

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	23	45	68	90	113	135	158	180	203	225	248	270	293	315	338			
0	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168			
5	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	166			
10	164	164	164	164	164	164	164	164	164	164	164	164	164	164	163	163			
15	158	158	159	159	159	159	159	159	159	159	159	159	159	159	158	158			
20	151	151	152	153	153	153	152	152	152	152	152	153	153	152	151	150			
25	142	143	144	145	145	145	144	143	143	143	144	145	145	144	143	142			
30	133	133	134	136	136	136	135	134	133	133	135	136	136	135	134	132			
35	122	122	124	126	126	126	124	123	122	123	124	126	126	125	123	121			
40	110	111	112	115	117	115	113	112	111	111	113	115	115	114	112	110			
45	97.8	98.7	101	103	104	103	101	99.6	100	98.8	101	103	104	103	100	97.4			
50	85.2	86.2	88.2	90.9	92.4	91.3	88.9	87.1	86.7	86.1	88.7	90.7	91.9	90.3	87.8	84.9			
55	72.5	73.5	75.6	78.6	79.7	78.8	76.3	74.3	72.8	73.2	75.9	78.1	79.5	77.8	75.2	72.2			
60	59.7	60.7	62.9	66.0	67.1	66.3	63.5	61.4	59.8	60.3	63.0	65.4	66.9	65.2	62.4	59.4			
65	46.9	48.1	50.2	53.4	54.6	53.6	50.7	48.6	46.9	47.4	50.1	52.7	54.2	52.5	49.7	46.7			
70	34.5	35.7	37.8	40.9	42.1	41.1	38.1	36.1	34.2	34.8	37.5	40.1	41.8	40.0	37.2	34.3			
75	22.5	23.6	25.7	28.8	30.1	29.0	25.9	23.9	22.0	22.6	25.2	27.8	29.6	27.8	25.0	22.3			
80	11.3	12.2	14.2	17.2	18.6	17.3	14.3	12.4	10.6	11.1	13.4	16.1	18.0	16.1	13.4	11.0			
85	1.68	2.29	3.71	6.34	7.82	6.35	3.75	2.34	1.18	1.38	2.90	5.13	7.11	5.25	2.99	1.39			
90	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
105	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.00	0.00	0.00			
110	0.00	0.04	0.00	0.05	0.00	0.04	0.00	0.03	0.05	0.00	0.04	0.01	0.06	0.00	0.04	0.00			
115	0.05	0.09	0.05	0.10	0.04	0.09	0.05	0.08	0.11	0.04	0.09	0.05	0.10	0.05	0.09	0.04			
120	0.12	0.13	0.10	0.15	0.09	0.15	0.10	0.13	0.23	0.09	0.13	0.10	0.15	0.10	0.14	0.09			
125	0.19	0.18	0.14	0.20	0.14	0.20	0.15	0.18	0.23	0.13	0.18	0.15	0.20	0.14	0.18	0.14			
130	0.30	0.25	0.21	0.25	0.19	0.25	0.20	0.24	0.24	0.19	0.22	0.18	0.24	0.19	0.23	0.19			
135	0.59	0.33	0.26	0.32	0.25	0.31	0.26	0.31	0.27	0.24	0.27	0.24	0.28	0.23	0.27	0.27			
140	0.42	0.36	0.32	0.36	0.28	0.35	0.31	0.34	0.31	0.31	0.33	0.27	0.32	0.27	0.32	1.26			
145	0.42	0.39	0.34	0.38	0.33	0.39	0.34	0.37	0.35	0.69	0.35	0.32	0.36	0.31	0.36	0.35			
150	0.47	0.42	0.37	0.42	0.37	0.42	0.36	0.41	0.39	0.51	0.40	0.35	0.40	0.35	0.40	0.35			
155	0.50	0.44	0.40	0.45	0.40	0.44	0.40	0.43	0.43	0.46	0.43	0.38	0.43	0.38	0.43	0.38			
160	0.50	0.47	0.42	0.47	0.42	0.47	0.42	0.47	0.46	0.47	0.46	0.42	0.47	0.42	0.46	0.42			
165	0.50	0.50	0.46	0.50	0.46	0.49	0.46	0.50	0.50	0.47	0.49	0.45	0.50	0.45	0.49	0.44			
170	0.50	0.50	0.48	0.50	0.48	0.51	0.47	0.52	0.50	0.48	0.50	0.47	0.50	0.47	0.50	0.47			
175	0.50	0.51	0.49	0.50	0.50	0.50	0.49	0.53	0.50	0.49	0.50	0.49	0.50	0.49	0.50	0.49			
180	0.51	0.51	0.50	0.50	0.50	0.50	0.50	0.53	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
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Operators:0
Test Date:2023-03-10

γ Range: 0 - 180DEG
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