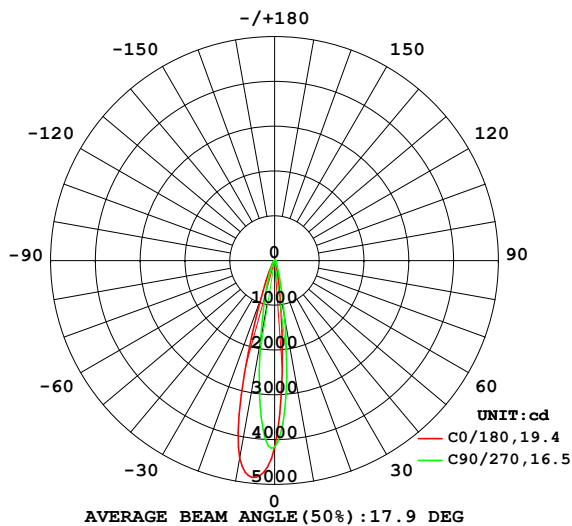


LUMINAIRE PHOTOMETRIC TEST REPORT

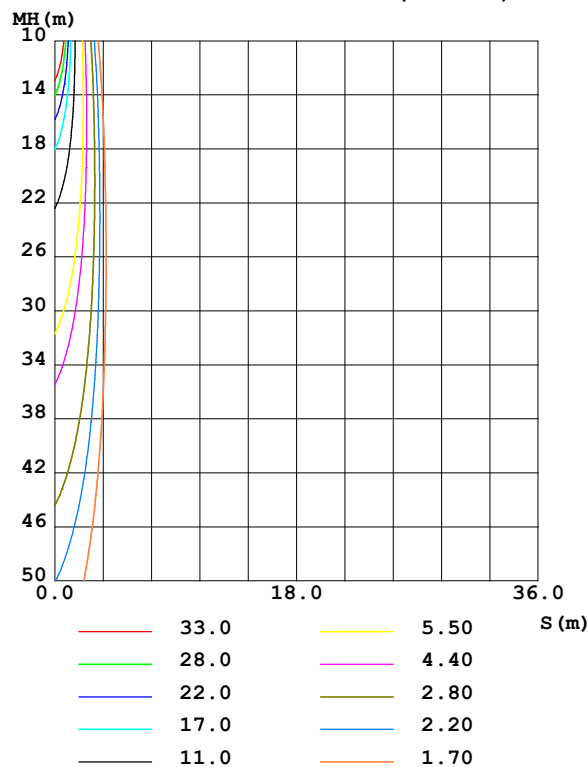
Test:U:220.59V I:0.1393A P:13.082W PF:0.4256 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:797.412x1 lm		
NAME: TR3052 3000K 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 31	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 60.96 lm/W			
MODEL	TR3052 3000K 15D	Imax (cd)	6239	S/MH(C0/180)	0.48
NOMINAL POWER(W)	13	LOR(%)	100.0	S/MH(C90/270)	0.31
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	797.41	η UP,DN(C0-180)	0.4,41.6
NOMINAL FLUX(lm)	797.412	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.5,57.6
LAMPS INSIDE	1	η up (%)	0.8	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	η down (%)	99.2	CIBSE SHR MAX	0.05

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Li
Test Date:2023-05-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [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	616.4	671.1	1301	4429	4484	4011	1842	759.4	0- 10	293.8	293.8	36.8,36.8
20	110.7	125.7	236.4	818.0	890.1	759.4	396.2	177.6	10- 20	328.1	621.8	78,78
30	30.64	36.35	68.32	167.4	147.6	155.1	100.8	50.92	20- 30	100.9	722.8	90.6,90.6
40	12.45	15.00	25.41	48.65	35.23	38.68	31.41	20.47	30- 40	33.58	756.4	94.9,94.9
50	6.565	7.759	11.56	19.59	13.04	14.61	13.28	10.87	40- 50	14.30	770.7	96.6,96.6
60	5.387	6.544	9.435	10.14	6.514	7.687	9.712	9.066	50- 60	8.512	779.2	97.7,97.7
70	2.636	3.263	5.400	8.310	5.378	6.057	6.443	4.236	60- 70	6.556	785.7	98.5,98.5
80	0.6621	0.9146	2.221	4.172	2.580	2.811	2.561	1.036	70- 80	3.732	789.5	99,99
90	0.0120	0.0102	0.0160	1.028	0.6513	0.6093	0.0160	0.0255	80- 90	1.161	790.6	99.2,99.2
100	0.0342	0.0324	0.0186	0.0142	0.0189	0.0163	0.0347	0.0538	90-100	0.0857	790.7	99.2,99.2
110	0.1233	0.1319	0.1011	0.0396	0.0360	0.0427	0.0640	0.1077	100-110	0.0531	790.8	99.2,99.2
120	0.1937	0.2113	0.2265	0.1669	0.0721	0.0813	0.1360	0.2665	110-120	0.1212	790.9	99.2,99.2
130	0.3407	0.3491	0.2958	0.2746	0.1665	0.1892	0.3685	1.082	120-130	0.2271	791.1	99.2,99.2
140	1.458	1.383	0.8330	0.4046	0.6357	0.7718	1.755	4.029	130-140	0.6089	791.7	99.3,99.3
150	3.643	3.856	3.241	1.575	2.478	2.955	4.885	6.872	140-150	1.518	793.3	99.5,99.5
160	4.337	5.116	6.126	4.808	4.339	5.054	6.894	7.473	150-160	2.122	795.4	99.7,99.7
170	2.962	4.096	6.398	6.944	4.625	5.402	6.753	6.039	160-170	1.558	796.9	99.9,99.9
180	3.225	4.149	5.731	6.083	3.247	4.102	5.673	6.086	170-180	0.4790	797.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 764.76 lm

%lum = 95.9%

%lamp = 95.9%

Conical surface Flux(130deg): 782.75 lm

%lum = 98.2%

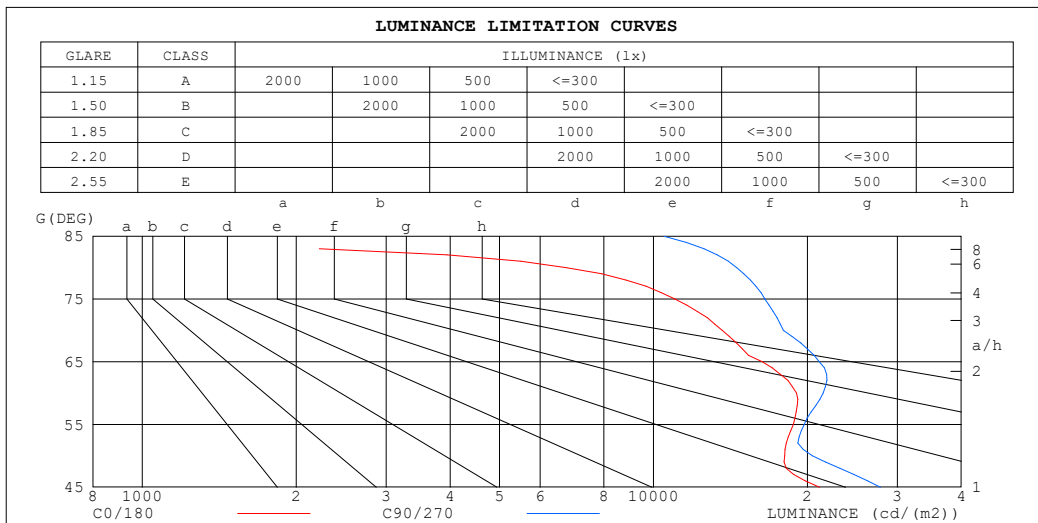
%lamp = 98.2%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:Li
 Test Date:2023-05-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
 Humidity:65.0%
 Test Distance:7.580m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.59V I:0.1393A P:13.082W PF:0.4256 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:797.412x1 lm		
NAME: TR3052 3000K 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 31	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	283	10480
80	6744	14550
75	11018	16525
70	13630	17962
65	16319	21110
60	19057	21467
55	18766	19707
50	18063	20462
45	21119	27810

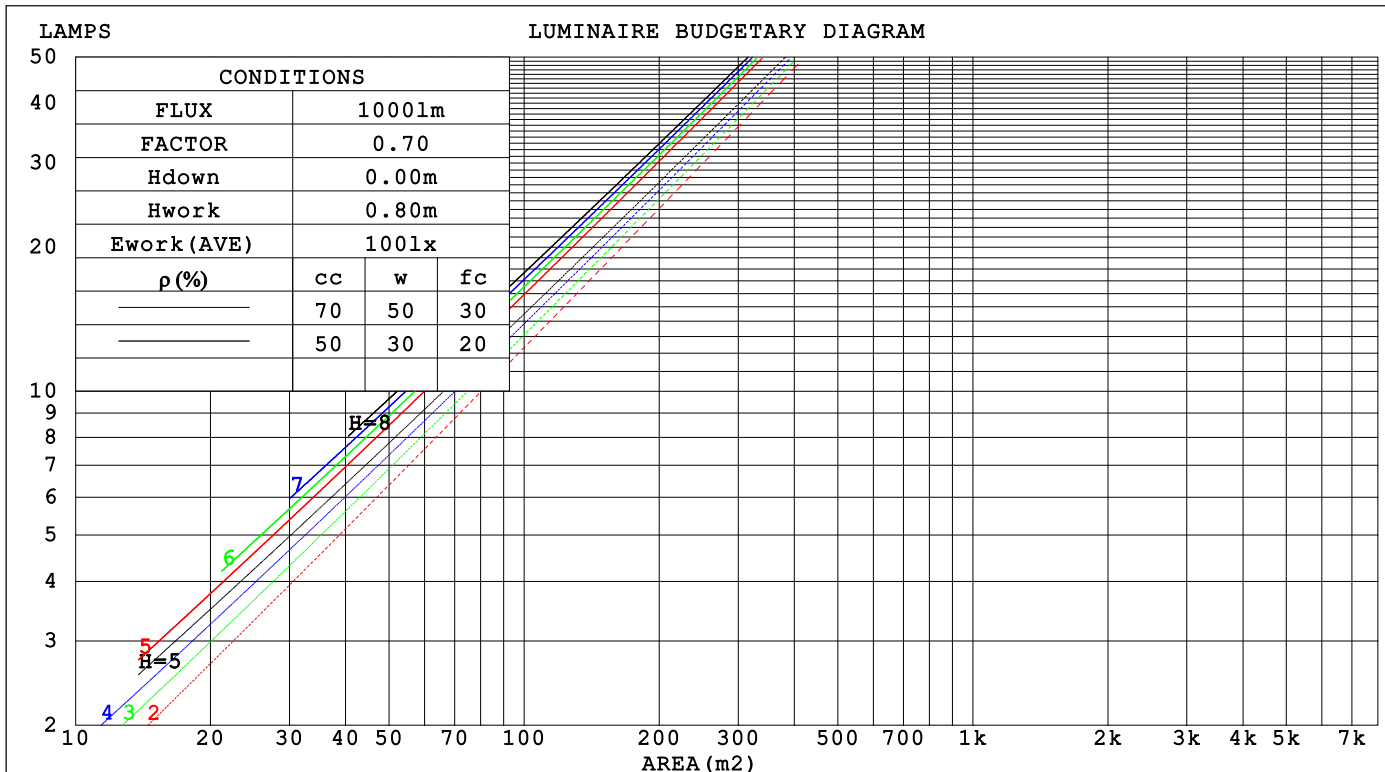
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Li
Test Date:2023-05-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.59V I:0.1393A P:13.082W PF:0.4256 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:797.412x1 lm		
NAME: TR3052 3000K 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 31	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio 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	1.01	1.01	1.01	.99
1.0	1.12	1.10	1.08	1.10	1.08	1.07	1.06	1.05	1.03	1.02	1.01	1.00	.99	.98	.97	.95
2.0	1.07	1.04	1.01	1.05	1.02	.00	1.02	.99	.97	.99	.97	.95	.96	.94	.93	.92
3.0	1.02	.98	.95	1.00	.97	.94	.98	.95	.93	.95	.93	.91	.93	.91	.90	.88
4.0	.98	.94	.90	.97	.93	.90	.94	.91	.89	.93	.90	.88	.91	.88	.87	.85
5.0	.94	.90	.87	.93	.89	.86	.91	.88	.85	.90	.87	.85	.88	.86	.84	.83
6.0	.91	.86	.83	.90	.86	.83	.89	.85	.82	.87	.84	.82	.86	.83	.81	.80
7.0	.88	.83	.80	.87	.83	.80	.86	.82	.80	.85	.82	.79	.84	.81	.79	.78
8.0	.85	.81	.78	.85	.80	.78	.84	.80	.77	.83	.79	.77	.82	.79	.77	.76
9.0	.83	.78	.76	.82	.78	.75	.81	.78	.75	.80	.77	.75	.80	.77	.75	.74
10.0	.80	.76	.74	.80	.76	.73	.79	.76	.73	.78	.75	.73	.78	.75	.73	.72



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Li
Test Date:2023-05-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:220.59V I:0.1393A P:13.082W PF:0.4256 Freq:49.99Hz			UTHDi:0.00% ITHDi:0.00% KDisp:0			Lamp Flux:797.412x1 lm		
NAME: TR3052 3000K 15D			TYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: VJC Lighting			SUR.: 31			Shielding Angle:		

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.145	.082	.026	.138	.079	.025	.125	.072	.023	.113	.065	.021	.102	.059	.019		
2.0	.134	.073	.023	.128	.071	.022	.118	.065	.020	.108	.060	.019	.099	.056	.018		
3.0	.124	.066	.020	.120	.064	.019	.111	.060	.018	.102	.056	.017	.095	.052	.016		
4.0	.116	.060	.018	.112	.059	.017	.105	.055	.017	.097	.052	.016	.091	.049	.015		
5.0	.109	.056	.016	.106	.054	.016	.099	.052	.015	.093	.049	.015	.087	.047	.014		
6.0	.103	.052	.015	.100	.050	.015	.094	.048	.014	.089	.046	.014	.084	.044	.013		
7.0	.097	.048	.014	.095	.047	.013	.090	.045	.013	.085	.044	.013	.081	.042	.012		
8.0	.092	.045	.013	.090	.044	.013	.086	.043	.012	.082	.041	.012	.078	.040	.012		
9.0	.088	.043	.012	.086	.042	.012	.082	.041	.011	.078	.039	.011	.075	.038	.011		
10.0	.084	.040	.011	.082	.040	.011	.079	.039	.011	.075	.037	.011	.072	.036	.010		

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)										
0.0	.197	.197	.197	.168	.168	.168	.115	.115	.115	.066	.066	.066	.021	.021	.021		
1.0	.175	.164	.154	.150	.141	.132	.103	.097	.092	.059	.056	.053	.019	.018	.017		
2.0	.158	.139	.124	.135	.120	.107	.093	.083	.075	.053	.048	.044	.017	.016	.014		
3.0	.143	.120	.101	.123	.103	.088	.084	.072	.062	.049	.042	.036	.016	.014	.012		
4.0	.131	.105	.085	.112	.090	.074	.077	.063	.052	.045	.037	.031	.014	.012	.010		
5.0	.120	.092	.072	.103	.080	.063	.071	.056	.044	.041	.033	.026	.013	.011	.009		
6.0	.111	.082	.062	.096	.071	.054	.066	.050	.038	.038	.029	.023	.012	.010	.007		
7.0	.104	.074	.054	.089	.064	.047	.062	.045	.033	.036	.027	.020	.012	.009	.007		
8.0	.097	.068	.047	.084	.059	.041	.058	.041	.029	.034	.024	.017	.011	.008	.006		
9.0	.091	.062	.042	.079	.054	.037	.055	.038	.026	.032	.022	.016	.010	.007	.005		
10.0	.086	.057	.038	.075	.050	.033	.052	.035	.023	.030	.021	.014	.010	.007	.005		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Li
Test Date:2023-05-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.59V I:0.1393A P:13.082W PF:0.4256 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:797.412x1 lm											
NAME: TR3052 3000K 15D						TYPE:		WEIGHT:			
SPEC.:						DIM.:		SERIAL No.:			
MFR.: VJC Lighting						SUR.: 31		Shielding 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		14.6	15.2	14.8	15.4	15.6	15.3	16.0	15.6	16.2	16.3
	3H	15.6	16.2	15.8	16.4	16.6	16.6	17.2	16.8	17.4	17.6
	4H	15.9	16.5	16.2	16.7	17.0	17.1	17.7	17.3	17.9	18.1
	6H	16.0	16.6	16.3	16.9	17.1	17.4	18.0	17.7	18.2	18.5
	8H	16.0	16.6	16.3	16.8	17.1	17.5	18.1	17.8	18.3	18.6
	12H	16.0	16.5	16.3	16.8	17.1	17.5	18.1	17.9	18.3	18.6
4H	2H	15.1	15.7	15.4	15.9	16.2	15.8	16.4	16.0	16.6	16.8
	3H	16.3	16.8	16.6	17.1	17.4	17.1	17.7	17.4	17.9	18.2
	4H	16.7	17.2	17.0	17.5	17.8	17.7	18.2	18.0	18.5	18.8
	6H	16.8	17.3	17.2	17.6	18.0	18.1	18.5	18.5	18.9	19.2
	8H	16.8	17.2	17.2	17.6	18.0	18.2	18.6	18.6	19.0	19.4
	12H	16.8	17.1	17.2	17.5	17.9	18.3	18.6	18.7	19.0	19.4
8H	4H	16.8	17.2	17.2	17.6	17.9	17.7	18.1	18.1	18.5	18.9
	6H	17.0	17.4	17.5	17.8	18.2	18.2	18.6	18.7	19.0	19.4
	8H	17.0	17.3	17.5	17.7	18.2	18.4	18.7	18.8	19.1	19.5
	12H	16.9	17.2	17.4	17.6	18.1	18.4	18.7	18.9	19.1	19.6
12H	4H	16.8	17.1	17.2	17.5	17.9	17.7	18.1	18.1	18.5	18.9
	6H	17.0	17.3	17.5	17.7	18.2	18.2	18.5	18.6	18.9	19.4
	8H	17.0	17.2	17.5	17.7	18.2	18.3	18.6	18.8	19.0	19.5
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 0.3 / - 0.5					+ 0.5 / - 0.5				
1.5H		+ 0.5 / - 0.4					+ 1.1 / - 0.5				
2.0H		+ 0.3 / - 0.4					+ 0.5 / - 0.5				

CIE Pub.117, 797.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.8)
Area: 0.00075 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Li
Test Date:2023-05-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.59V I:0.1393A P:13.082W PF:0.4256 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:797.412x1 lm		
NAME: TR3052 3000K 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 31	Shielding Angle:

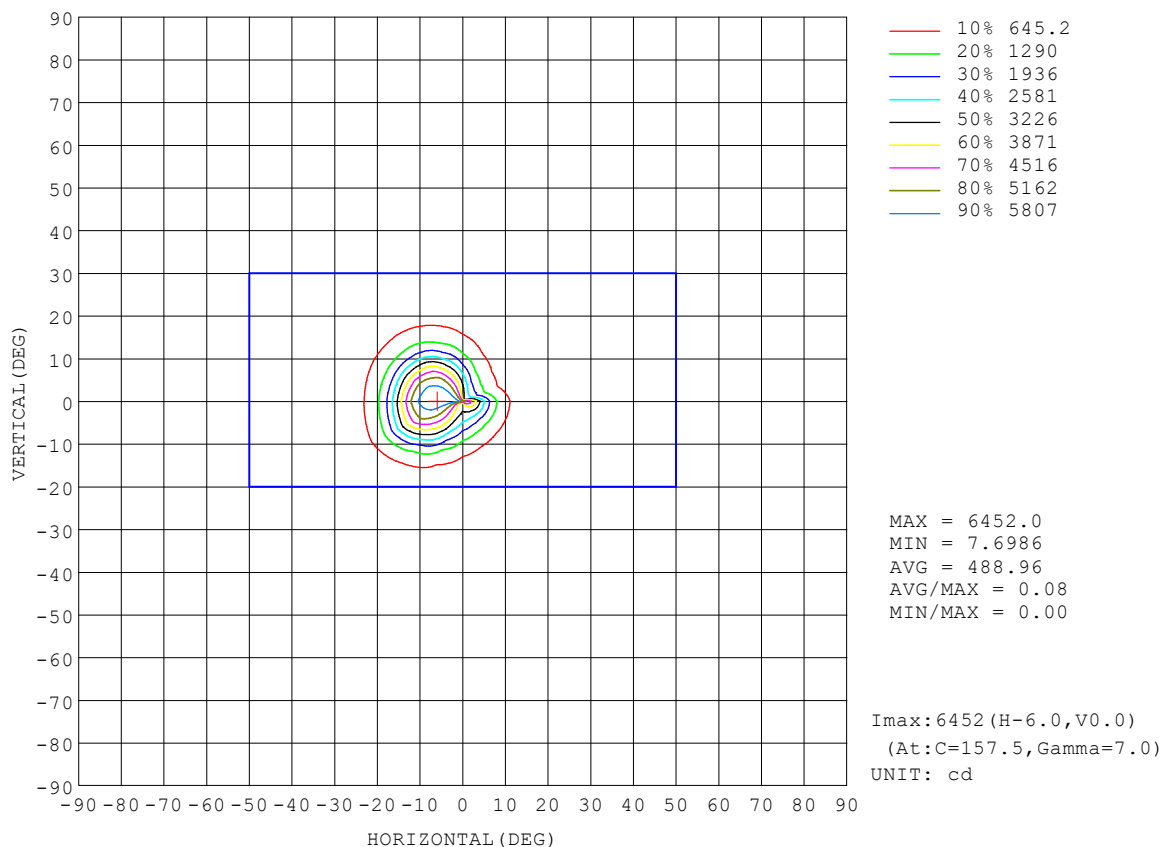
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	82	79	88	82	79	87	82	78	75
0.80	96	90	86	95	90	86	94	89	86	82
1.00	100	94	91	99	94	90	97	93	90	86
1.25	103	98	95	102	98	95	100	97	94	89
1.50	106	101	98	105	101	98	102	99	96	92
2.00	109	104	101	107	103	100	104	101	99	94
2.50	110	106	104	109	105	103	105	103	101	94
3.00	112	108	106	110	107	104	106	104	102	96
4.00	114	111	109	112	109	107	108	106	105	97
5.00	115	113	111	113	111	109	109	107	106	98
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:25.3℃
Operators:Li
Test Date:2023-05-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.59V I:0.1393A P:13.082W PF:0.4256 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:797.412x1 lm		
NAME: TR3052 3000K 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 31	Shielding Angle:

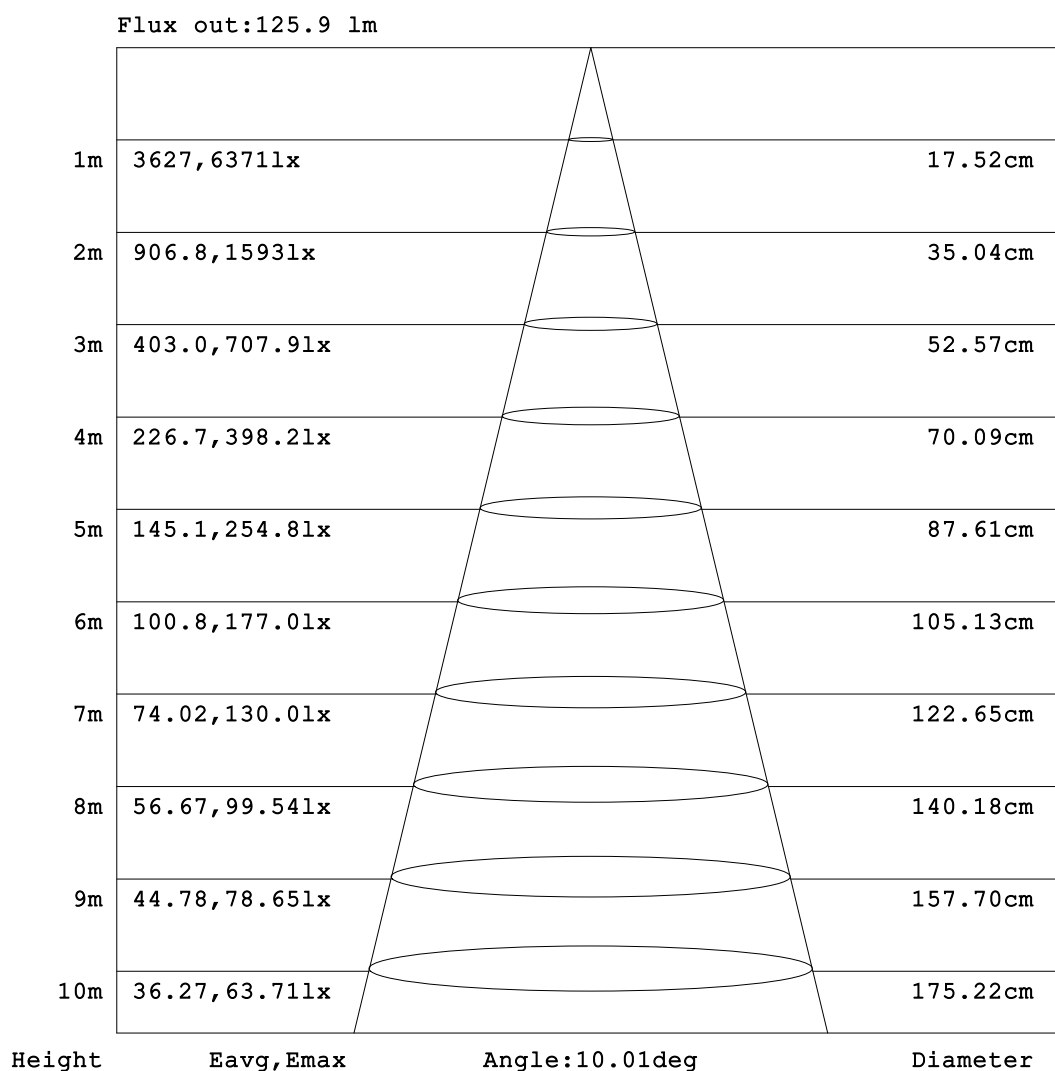


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: Li
Test Date: 2023-05-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 7.580m [K=1.0000]
Remarks:

AAI Figure

Test:U:220.59V I:0.1393A P:13.082W PF:0.4256 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:797.412x1 lm		
NAME: TR3052 3000K 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 31	Shielding Angle:



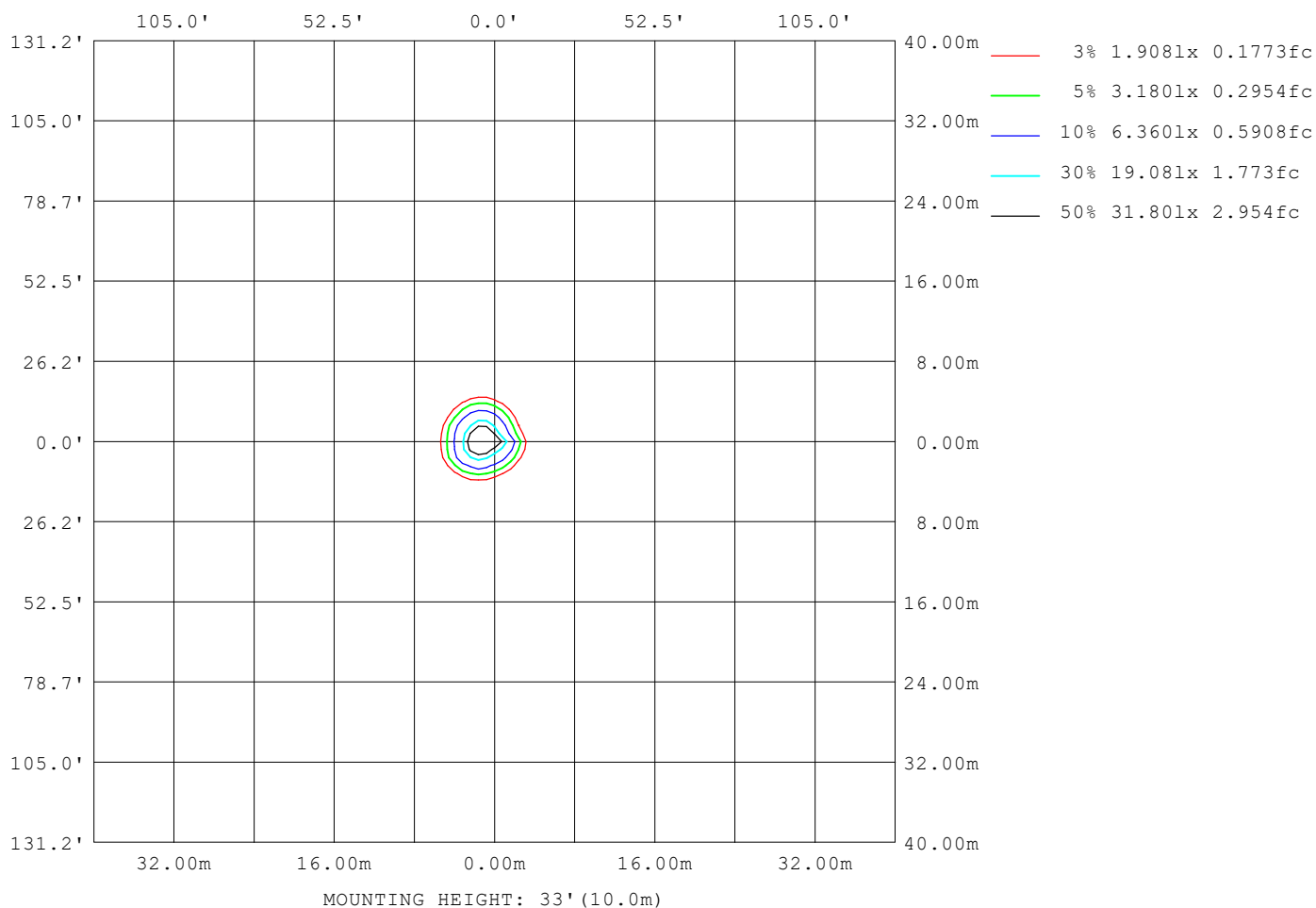
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Li
Test Date:2023-05-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:220.59V I:0.1393A P:13.082W PF:0.4256 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:797.412x1 lm		
NAME: TR3052 3000K 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 31	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: Li
Test Date: 2023-05-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 7.580m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:220.59V I:0.1393A P:13.082W PF:0.4256 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:797.412x1 lm		
NAME: TR3052 3000K 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 31	Shielding Angle:

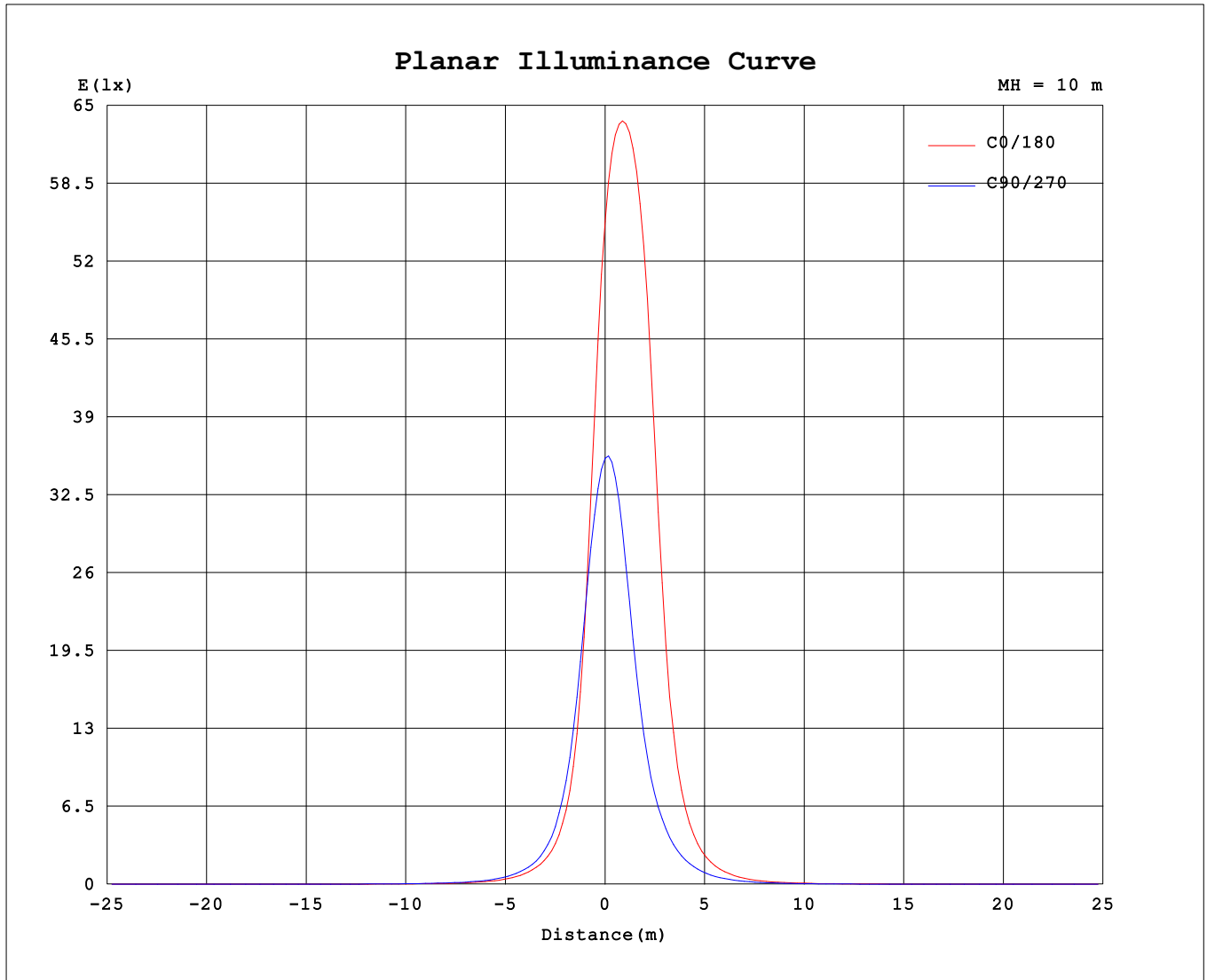
AvgL	cd/m2
L_0~180 (65) av	15845
L_0~180 (75) av	13921
L_0~180 (85) av	12088
L_90~270 (65) av	26006
L_90~270 (75) av	20312
L_90~270 (85) av	14883
L_45 (65) av	21919
L_45 (75) av	19062
L_45 (85) av	16204

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Li
Test Date:2023-05-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: Li
Test Date: 2023-05-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 7.580m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.59V I:0.1393A P:13.082W PF:0.4256 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:797.412x1 lm																	
NAME: TR3052 3000K 15D									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: VJC Lighting									SUR.: 31						Shielding Angle:		

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	4168	4168	4168	4168	4168	4168	4168	4168	4168	4168	4168	4168	4168	4168	4168	4168			
5	1995	1976	2020	2357	2970	4126	5439	6068	4858	4910	4905	4384	3500	2518	1919	1570			
10	616	622	671	878	1301	2411	4429	5962	4484	4386	4011	2849	1842	1131	759	570			
15	235	236	261	345	518	994	2111	3781	2597	2366	1885	1250	838	533	346	253			
20	111	114	126	164	236	418	818	1394	890	856	759	566	396	265	178	127			
25	55.9	57.4	65.1	86.6	125	205	339	530	341	351	333	265	198	137	91.9	66.9			
30	30.6	31.6	36.4	47.9	68.3	109	167	232	148	156	155	129	101	73.0	50.9	38.2			
35	18.6	19.4	22.3	28.9	39.7	60.8	88.4	113	69.0	73.4	75.0	65.4	53.6	41.6	30.9	24.1			
40	12.5	13.0	15.0	19.2	25.4	36.4	48.6	59.0	35.2	37.4	38.7	35.5	31.4	26.3	20.5	16.2			
45	8.44	8.78	10.2	13.1	17.3	23.7	29.7	33.6	20.2	21.4	22.7	21.9	20.2	17.5	13.6	10.97			
50	6.56	6.77	7.76	9.18	11.56	15.8	19.6	21.4	13.0	13.8	14.6	14.4	13.3	12.00	10.87	9.54			
55	6.09	6.37	7.35	8.54	9.94	11.05	12.8	14.0	8.39	8.86	9.33	9.46	10.38	11.12	10.31	8.92			
60	5.39	5.73	6.54	7.94	9.44	10.47	10.14	9.72	6.51	7.00	7.69	8.46	9.71	10.33	9.07	7.27			
65	3.90	4.14	4.77	6.09	7.84	9.51	9.54	8.92	6.15	6.56	7.20	7.90	8.64	8.13	6.28	4.93			
70	2.64	2.82	3.26	4.17	5.40	7.49	8.31	8.07	5.38	5.67	6.06	6.50	6.44	5.36	4.24	3.34			
75	1.61	1.75	2.05	2.76	3.76	5.17	6.04	6.32	3.79	3.93	4.13	4.22	4.13	3.56	2.58	1.87			
80	0.66	0.74	0.91	1.44	2.22	3.42	4.17	4.34	2.58	2.67	2.81	2.81	2.56	1.93	1.04	0.52			
85	0.01	0.01	0.02	0.24	0.80	1.77	2.54	2.82	1.57	1.62	1.67	1.55	1.14	0.43	0.01	0.01			
90	0.01	0.02	0.01	0.02	0.02	0.30	1.03	1.41	0.65	0.66	0.61	0.37	0.02	0.01	0.03	0.01			
95	0.01	0.03	0.01	0.03	0.02	0.02	0.01	0.13	0.01	0.01	0.01	0.01	0.02	0.01	0.04	0.02			
100	0.03	0.05	0.03	0.05	0.02	0.03	0.01	0.02	0.02	0.01	0.02	0.01	0.03	0.02	0.05	0.03			
105	0.07	0.09	0.08	0.09	0.05	0.06	0.01	0.03	0.03	0.01	0.03	0.01	0.05	0.04	0.07	0.05			
110	0.12	0.15	0.13	0.15	0.10	0.10	0.04	0.06	0.04	0.02	0.04	0.03	0.06	0.06	0.11	0.09			
115	0.17	0.19	0.18	0.21	0.17	0.17	0.10	0.10	0.05	0.03	0.06	0.05	0.10	0.09	0.16	0.16			
120	0.19	0.22	0.21	0.25	0.23	0.24	0.17	0.16	0.07	0.05	0.08	0.08	0.14	0.16	0.27	0.30			
125	0.23	0.26	0.24	0.27	0.26	0.29	0.23	0.23	0.10	0.09	0.12	0.13	0.21	0.29	0.50	0.63			
130	0.34	0.36	0.35	0.35	0.30	0.32	0.27	0.28	0.17	0.14	0.19	0.22	0.37	0.61	1.08	1.45			
135	0.68	0.67	0.65	0.56	0.44	0.39	0.31	0.30	0.30	0.28	0.35	0.45	0.78	1.41	2.34	2.84			
140	1.46	1.42	1.38	1.11	0.83	0.59	0.40	0.36	0.64	0.63	0.77	1.05	1.75	2.88	4.03	4.43			
145	2.56	2.54	2.57	2.22	1.76	1.15	0.73	0.55	1.40	1.44	1.70	2.21	3.26	4.66	5.71	5.79			
150	3.64	3.70	3.86	3.66	3.24	2.38	1.58	1.13	2.48	2.56	2.96	3.64	4.88	6.26	6.87	6.52			
155	4.30	4.47	4.82	5.01	4.85	4.09	3.07	2.35	3.58	3.70	4.20	4.97	6.19	7.26	7.43	6.77			
160	4.34	4.56	5.12	5.78	6.13	5.81	4.81	3.94	4.34	4.49	5.05	5.81	6.89	7.71	7.47	6.52			
165	3.74	4.06	4.78	5.75	6.60	6.98	6.27	5.44	4.68	4.86	5.45	6.17	7.10	7.71	6.93	5.71			
170	2.96	3.33	4.10	5.22	6.40	7.23	6.94	6.27	4.62	4.88	5.40	6.10	6.75	7.03	6.04	4.85			
175	2.59	3.00	3.74	4.70	5.88	6.78	6.75	6.13	4.09	4.38	4.90	5.57	6.13	6.49	5.73	4.60			
180	3.22	3.52	4.15	4.83	5.73	6.30	6.08	5.35	3.25	3.56	4.10	4.92	5.67	6.32	6.09	5.29			

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: HIGH

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Operators:Li

Test Date:2023-05-11

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