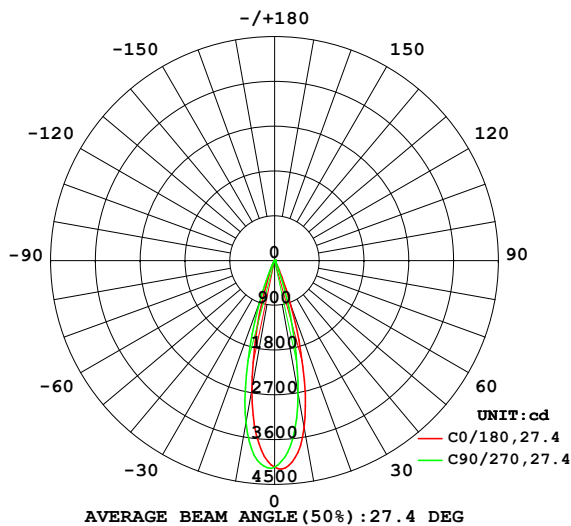


LUMINAIRE PHOTOMETRIC TEST REPORT

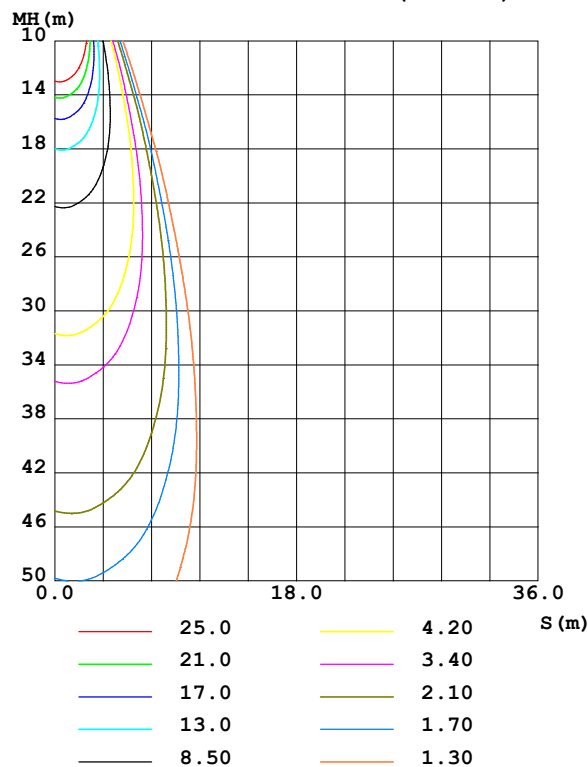
Test:U:220.68V I:0.0537A P:11.226W PF:0.9468 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:971.26lx1 lm		
NAME: DL3060 3000K RA90 24D D9 Lens	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 40	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 86.52 lm/W			
MODEL	3000K RA90 24D D9 Lens	Imax (cd)	4213	S/MH (C0/180)	0.40
NOMINAL POWER (W)	10	LOR (%)	100.0	S/MH (C90/270)	0.47
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	971.26	η UP, DN (C0-180)	0.3, 46.5
NOMINAL FLUX (lm)	971.261	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.5, 52.7
LAMPS INSIDE	1	η up (%)	0.8	CIBSE SHR NOM	0.00
TEST VOLTAGE (V)	220	η down (%)	99.2	CIBSE SHR MAX	0.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: 001
Test Date: 2024-01-10

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	3411	3086	2724	2545	2648	2970	3321	3513	0- 10	342.8	342.8	35.3,35.3
20	956.9	715.5	496.0	422.6	448.5	634.8	877.2	1075	10- 20	473.1	815.9	84,84
30	90.46	73.88	55.60	47.27	48.85	65.45	87.83	103.2	20- 30	118.0	933.9	96.2,96.2
40	17.33	14.67	12.36	10.94	10.97	13.25	15.94	17.84	30- 40	20.42	954.3	98.3,98.3
50	5.272	4.723	4.031	3.576	3.596	4.213	4.972	5.499	40- 50	6.270	960.6	98.9,98.9
60	1.307	1.160	0.8671	0.7676	0.8072	0.9477	1.254	1.363	50- 60	2.147	962.8	99.1,99.1
70	0.3991	0.3789	0.2427	0.1909	0.1986	0.2329	0.3512	0.3916	60- 70	0.5881	963.3	99.2,99.2
80	0.0651	0.0477	0.0298	0.0230	0	0	0.0159	0.0320	70- 80	0.1275	963.5	99.2,99.2
90	0.0000	0	0	0	0	0	0	0	80- 90	0.0071	963.5	99.2,99.2
100	0	0	0.0023	0.0046	0.0090	0.0023	0.0023	0	90-100	0.0026	963.5	99.2,99.2
110	0.0559	0.0633	0.0798	0.0870	0.0314	0.0272	0.0251	0.0229	100-110	0.0272	963.5	99.2,99.2
120	0.1388	0.1405	0.1529	0.1605	0.1279	0.1044	0.0869	0.0735	110-120	0.0811	963.6	99.2,99.2
130	0.2215	0.2513	0.2920	0.3184	0.8102	0.6632	0.5106	0.4347	120-130	0.2039	963.8	99.2,99.2
140	0.8696	1.066	1.306	1.438	2.917	2.573	2.216	1.994	130-140	0.7523	964.5	99.3,99.3
150	2.922	3.270	3.663	3.849	5.821	5.469	5.051	4.761	140-150	1.857	966.4	99.5,99.5
160	5.274	5.481	5.740	5.791	7.309	7.302	7.186	6.966	150-160	2.526	968.9	99.8,99.8
170	5.570	5.522	5.444	5.436	6.136	6.391	6.518	6.530	160-170	1.809	970.7	99.9,99.9
180	5.041	5.221	5.120	5.265	5.090	5.246	5.143	5.274	170-180	0.5297	971.3	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 958.2 lm

%lum = 98.7%

%lamp = 98.7%

Conical surface Flux(130deg): 963.12 lm

%lum = 99.2%

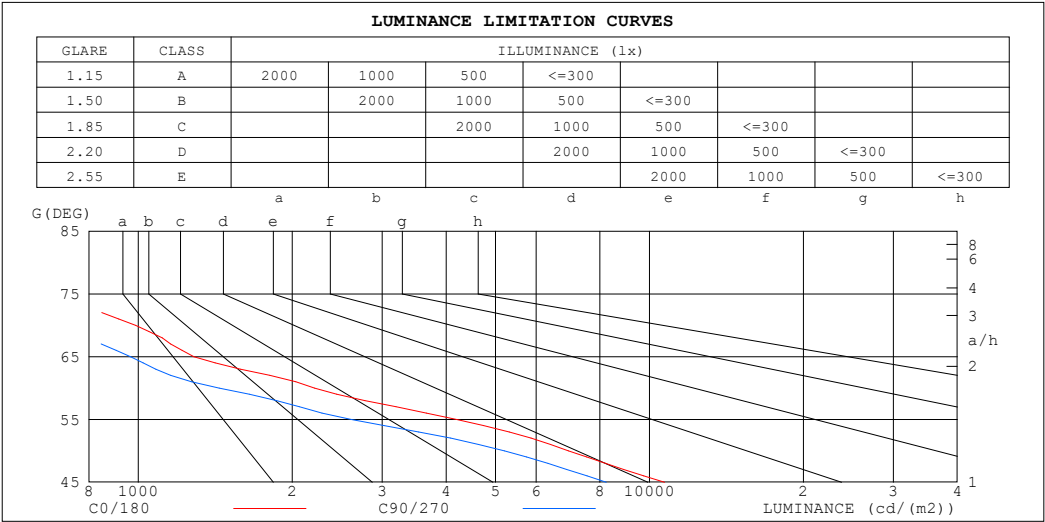
%lamp = 99.2%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-01-10

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:220.68V I:0.0537A P:11.226W PF:0.9468 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:971.261x1 lm		
NAME: DL3060 3000K RA90 24D D9 Lens	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 40	Shielding Angle:



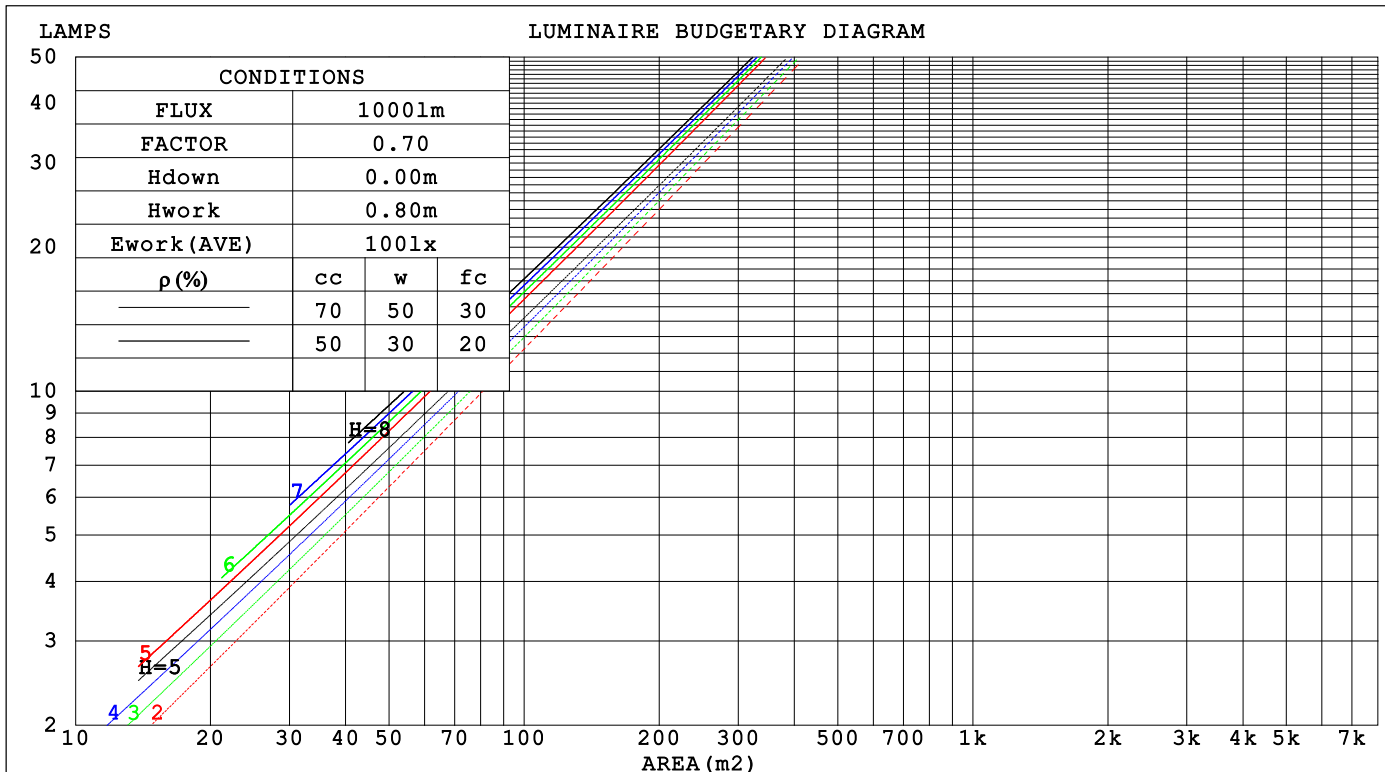
LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	218	65
80	317	142
75	479	294
70	988	589
65	1285	965
60	2213	1439
55	4197	2613
50	6941	5204
45	10693	8228

C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 22.5DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Temperature:25.3℃	Humidity:65.0%
Operators:001	Test Distance:7.580m [K=1.0000]
Test Date:2024-01-10	Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.68V I:0.0537A P:11.226W PF:0.9468 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:971.261x1 lm		
NAME: DL3060 3000K RA90 24D D9 Lens	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 40	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{fc}	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	1.13	1.11	1.09	1.11	1.09	1.07	1.07	1.05	1.04	1.03	1.02	1.01	.99	.98	.98	.96
2.0	1.08	1.05	1.02	1.06	1.03	1.01	1.03	1.01	.99	.00	.98	.97	.97	.96	.95	.93
3.0	1.03	.00	.97	1.02	.99	.96	.99	.97	.95	.97	.95	.93	.95	.93	.92	.90
4.0	.99	.96	.93	.98	.95	.92	.96	.93	.91	.94	.92	.90	.92	.90	.89	.88
5.0	.96	.92	.89	.95	.91	.89	.93	.90	.88	.92	.89	.87	.90	.88	.86	.85
6.0	.93	.89	.86	.92	.88	.85	.91	.87	.85	.89	.86	.84	.88	.86	.84	.83
7.0	.90	.86	.83	.89	.85	.83	.88	.85	.82	.87	.84	.82	.86	.83	.81	.80
8.0	.87	.83	.80	.87	.83	.80	.86	.82	.80	.85	.82	.80	.84	.81	.79	.78
9.0	.85	.81	.78	.84	.81	.78	.83	.80	.78	.83	.80	.77	.82	.79	.77	.76
10.0	.82	.79	.76	.82	.78	.76	.81	.78	.76	.81	.78	.76	.80	.77	.75	.74



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-01-10

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:220.68V I:0.0537A P:11.226W PF:0.9468 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:971.261x1 lm		
NAME: DL3060 3000K RA90 24D D9 Lens	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 40	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	.135	.077	.024	.128	.073	.023	.115	.066	.021	.103	.059	.019	.092	.053	.017		
2.0	.124	.068	.021	.119	.065	.020	.108	.060	.019	.098	.055	.017	.089	.050	.016		
3.0	.116	.062	.018	.111	.059	.018	.102	.055	.017	.094	.051	.016	.086	.048	.015		
4.0	.108	.056	.017	.104	.055	.016	.097	.051	.015	.090	.048	.015	.083	.045	.014		
5.0	.102	.052	.015	.098	.051	.015	.092	.048	.014	.086	.045	.014	.080	.043	.013		
6.0	.096	.048	.014	.093	.047	.014	.088	.045	.013	.083	.043	.013	.078	.041	.012		
7.0	.091	.045	.013	.089	.044	.013	.084	.042	.012	.079	.041	.012	.075	.039	.011		
8.0	.087	.043	.012	.085	.042	.012	.081	.040	.011	.077	.039	.011	.073	.037	.011		
9.0	.083	.040	.011	.081	.040	.011	.077	.038	.011	.074	.037	.011	.071	.036	.010		
10.0	.080	.038	.011	.078	.038	.011	.075	.037	.010	.071	.035	.010	.068	.034	.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	.174	.164	.154	.149	.141	.133	.102	.097	.092	.059	.056	.053	.019	.018	.017	
2.0	.156	.139	.124	.134	.120	.108	.092	.083	.075	.053	.048	.044	.017	.016	.014	
3.0	.141	.119	.102	.121	.103	.089	.083	.072	.062	.048	.042	.037	.015	.014	.012	
4.0	.128	.104	.086	.110	.090	.074	.076	.063	.052	.044	.037	.031	.014	.012	.010	
5.0	.118	.092	.073	.101	.079	.063	.070	.055	.045	.040	.033	.026	.013	.011	.009	
6.0	.109	.082	.062	.094	.071	.054	.065	.050	.038	.037	.029	.023	.012	.010	.008	
7.0	.101	.074	.054	.087	.064	.047	.060	.045	.033	.035	.026	.020	.011	.009	.007	
8.0	.095	.067	.048	.081	.058	.042	.056	.041	.029	.033	.024	.018	.011	.008	.006	
9.0	.089	.061	.042	.077	.053	.037	.053	.037	.026	.031	.022	.016	.010	.007	.005	
10.0	.084	.056	.038	.072	.049	.033	.050	.034	.023	.029	.020	.014	.010	.007	.005	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-01-10

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:220.68V I:0.0537A P:11.226W PF:0.9468 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:971.26lx1 lm										
NAME: DL3060 3000K RA90 24D D9 Lens					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: VJC Lighting					SUR.: 40			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	9.5	10.1	9.7	10.3	10.5	7.7	8.3	7.9	8.4	8.6
3H	9.4	10.0	9.6	10.2	10.4	7.5	8.1	7.8	8.3	8.5
4H	9.3	9.9	9.6	10.1	10.3	7.5	8.0	7.7	8.2	8.5
6H	9.2	9.8	9.5	10.0	10.3	7.4	7.9	7.7	8.1	8.4
8H	9.2	9.7	9.5	10.0	10.2	7.3	7.8	7.6	8.1	8.4
12H	9.1	9.6	9.5	9.9	10.2	7.3	7.8	7.6	8.1	8.3
4H 2H	9.3	9.9	9.6	10.1	10.3	7.5	8.1	7.8	8.3	8.5
3H	9.2	9.7	9.5	9.9	10.2	7.4	7.9	7.7	8.1	8.4
4H	9.1	9.5	9.4	9.8	10.2	7.3	7.7	7.6	8.0	8.3
6H	9.0	9.4	9.4	9.7	10.1	7.2	7.6	7.5	7.9	8.3
8H	8.9	9.3	9.3	9.7	10.0	7.1	7.5	7.5	7.8	8.2
12H	8.9	9.2	9.3	9.6	10.0	7.1	7.4	7.5	7.8	8.2
8H 4H	8.9	9.3	9.3	9.7	10.0	7.1	7.5	7.5	7.9	8.2
6H	8.8	9.1	9.3	9.5	10.0	7.0	7.3	7.4	7.7	8.1
8H	8.8	9.0	9.2	9.5	9.9	6.9	7.2	7.4	7.6	8.1
12H	8.7	8.9	9.2	9.4	9.9	6.9	7.1	7.4	7.6	8.0
12H 4H	8.9	9.2	9.3	9.6	10.0	7.1	7.4	7.5	7.8	8.2
6H	8.8	9.0	9.2	9.5	9.9	6.9	7.2	7.4	7.6	8.1
8H	8.7	8.9	9.2	9.4	9.9	6.9	7.1	7.4	7.6	8.1
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.3 / - 6.8					+ 2.5 / - 7.3				
1.5H	+ 4.8 / - 5.2					+ 3.7 / - 4.8				
2.0H	+ 4.7 / - 6.9					+ 4.6 / - 6.4				

CIE Pub.117, 971.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.1)
Area: 0.0012 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-01-10

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:220.68V I:0.0537A P:11.226W PF:0.9468 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:971.261x1 lm		
NAME: DL3060 3000K RA90 24D D9 Lens	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 40	Shielding Angle:

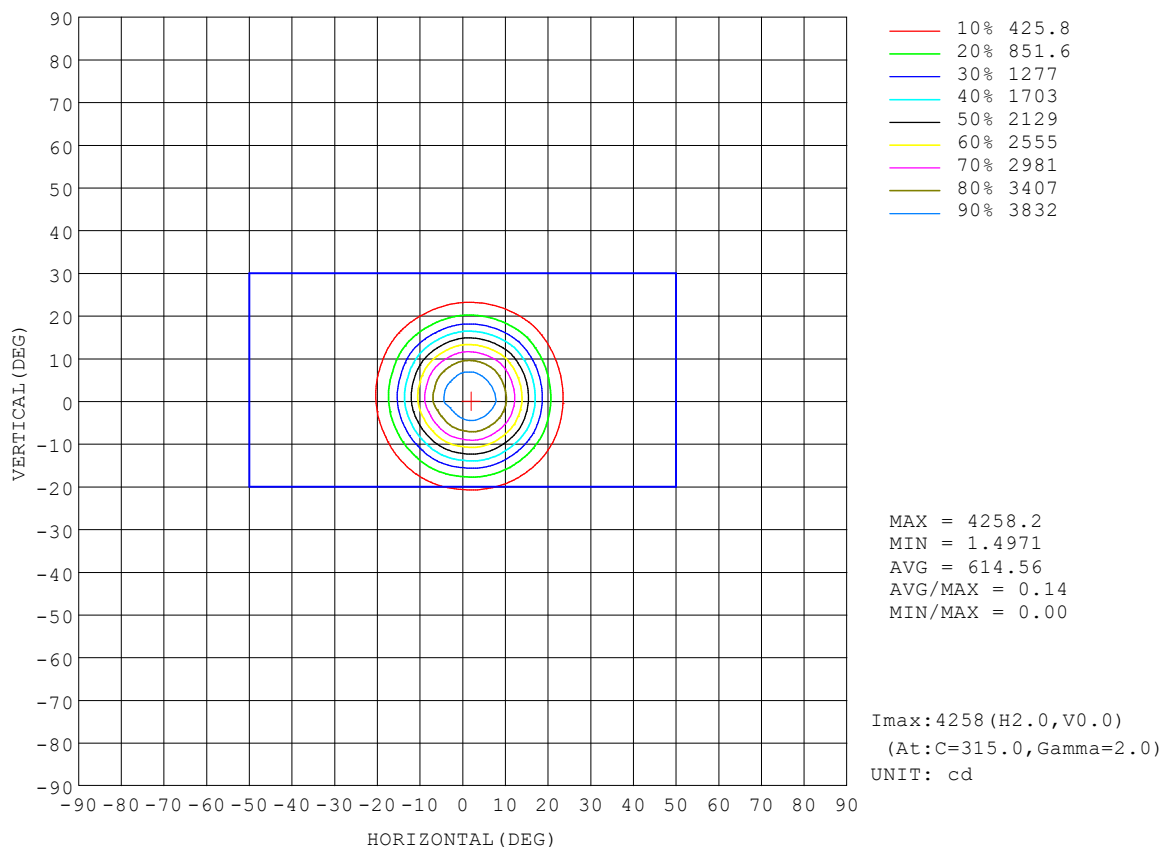
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	91	85	81	90	85	81	89	84	81	78
0.80	97	92	89	97	92	89	96	91	88	85
1.00	101	96	93	100	96	93	99	95	92	88
1.25	105	100	97	104	100	97	102	98	96	92
1.50	107	103	100	106	102	99	104	101	98	94
2.00	109	106	103	108	105	102	105	103	100	95
2.50	111	108	105	109	106	104	106	104	102	96
3.00	112	109	107	111	108	106	107	105	103	97
4.00	114	112	110	112	110	108	108	107	105	98
5.00	115	113	112	113	112	110	109	108	107	99
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°C
 Operators: 001
 Test Date: 2024-01-10

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:220.68V I:0.0537A P:11.226W PF:0.9468 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:971.261x1 lm		
NAME: DL3060 3000K RA90 24D D9 Lens	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 40	Shielding Angle:

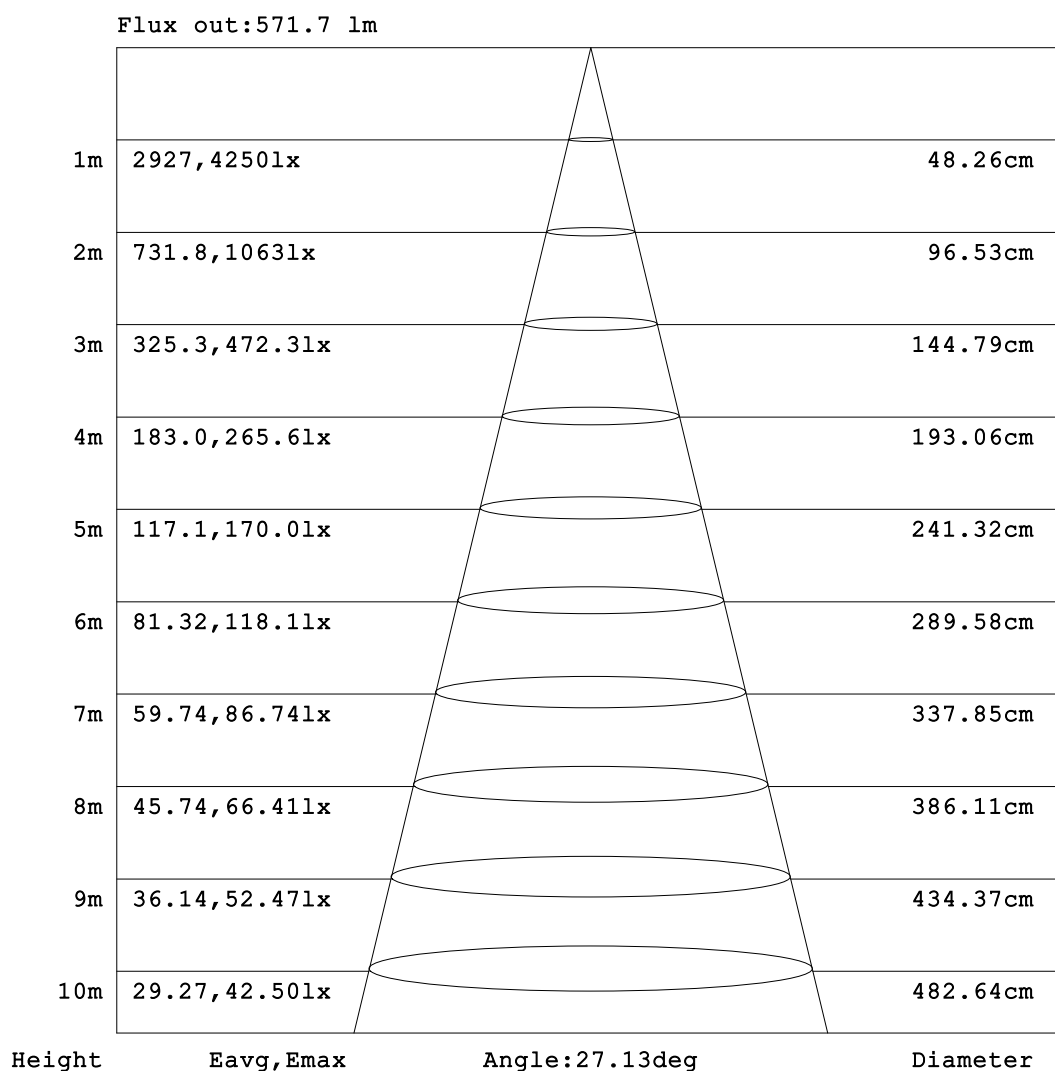


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-01-10

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:220.68V I:0.0537A P:11.226W PF:0.9468 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:971.26lx1 lm		
NAME: DL3060 3000K RA90 24D D9 Lens	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 40	Shielding Angle:



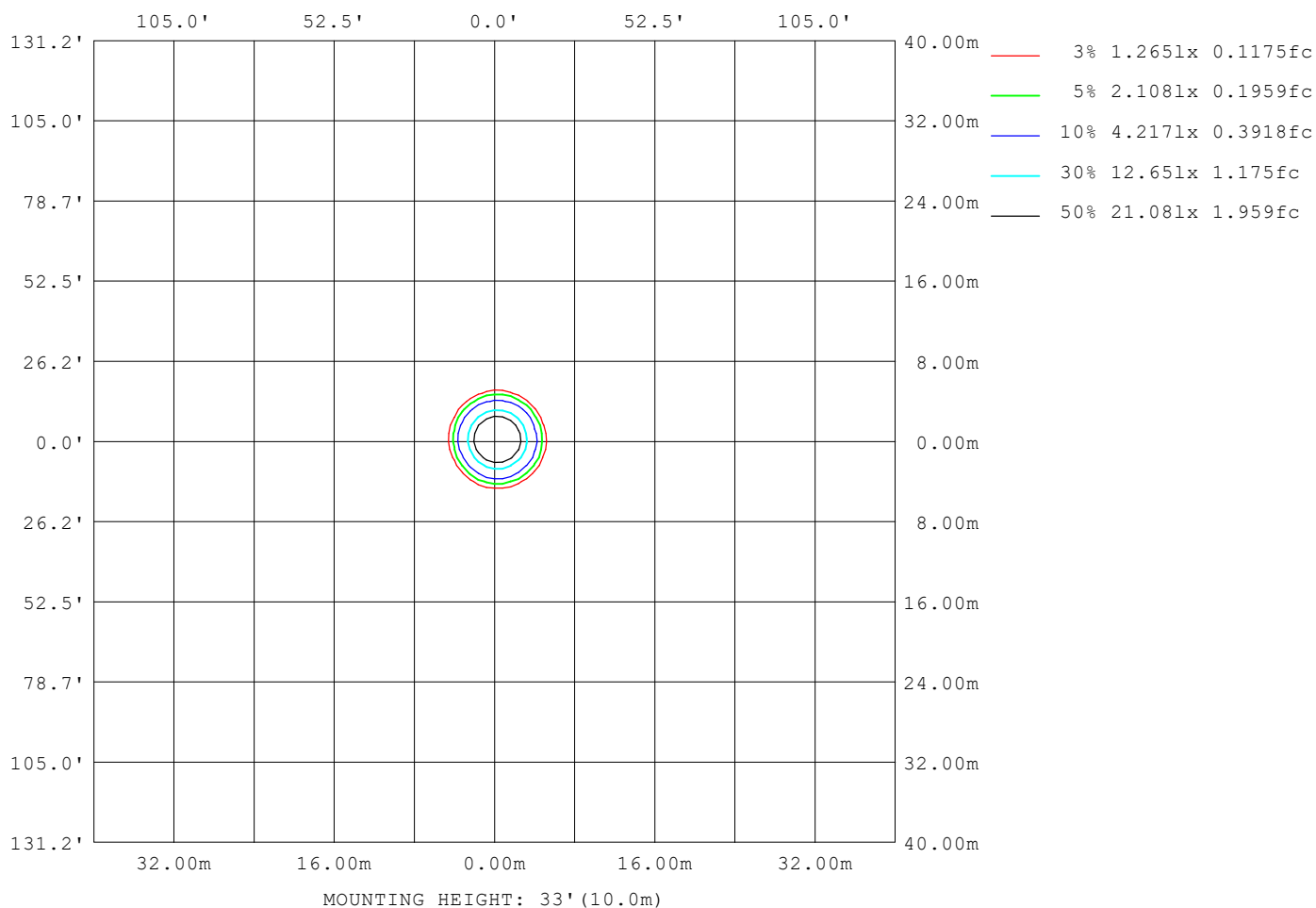
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-01-10

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:220.68V I:0.0537A P:11.226W PF:0.9468 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:971.26lx1 lm		
NAME: DL3060 3000K RA90 24D D9 Lens	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 40	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: 001
Test Date: 2024-01-10

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:220.68V I:0.0537A P:11.226W PF:0.9468 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:971.261x1 lm		
NAME: DL3060 3000K RA90 24D D9 Lens	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 40	Shielding Angle:

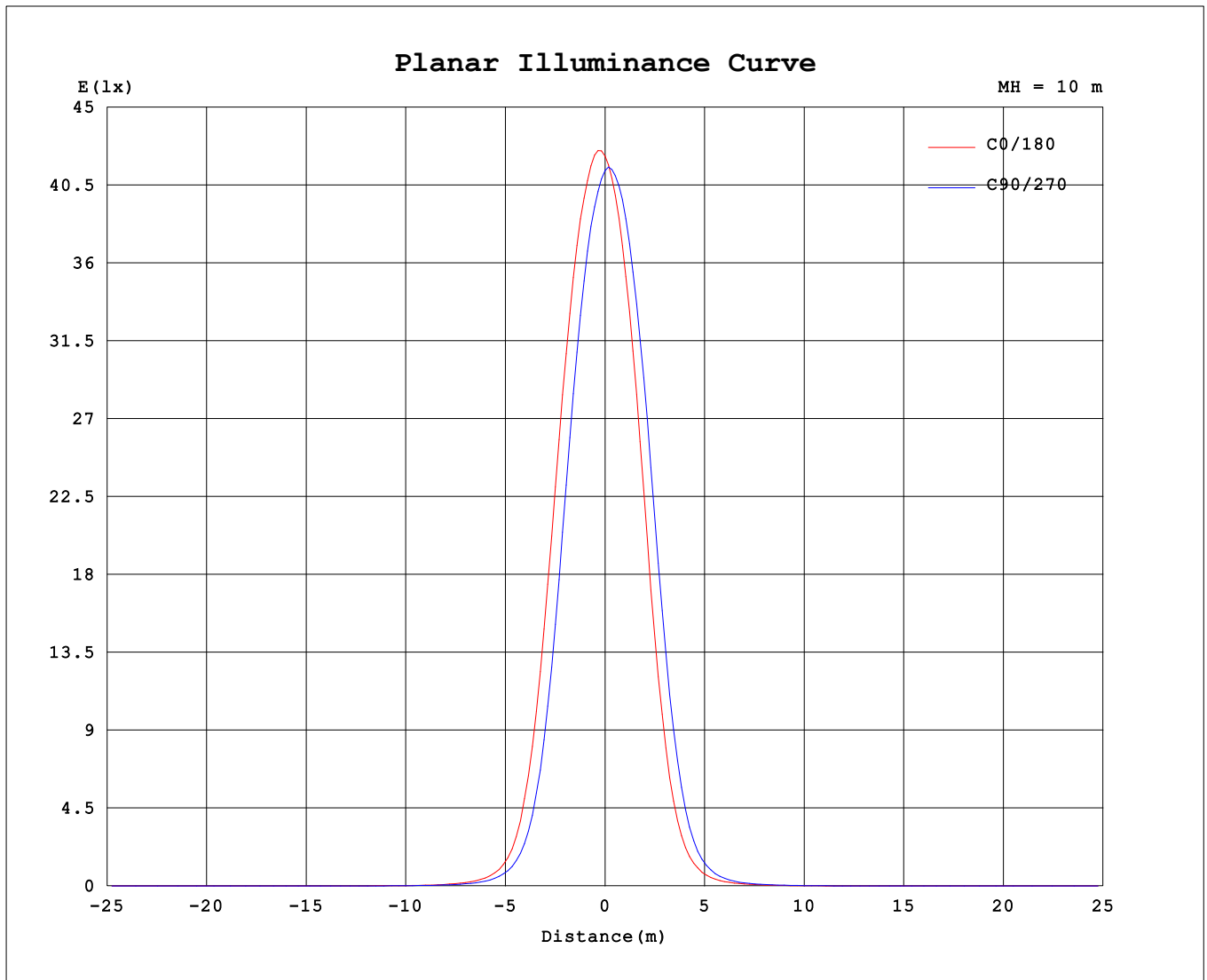
AvgL	cd/m2
L_0~180 (65) av	1098
L_0~180 (75) av	315
L_0~180 (85) av	107
L_90~270 (65) av	1088
L_90~270 (75) av	298
L_90~270 (85) av	33
L_45 (65) av	1085
L_45 (75) av	314
L_45 (85) av	22

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-01-10

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: 001
Test Date: 2024-01-10

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:220.68V I:0.0537A P:11.226W PF:0.9468 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:971.261x1 lm		
NAME: DL3060 3000K RA90 24D D9 Lens	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 40	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	4152	4152	4152	4152	4152	4152	4152	4152	4152	4152	4152	4152	4152	4152	4152	4152			
5	4060	3988	3904	3822	3726	3659	3617	3645	3685	3754	3840	3904	4028	4078	4111	4113			
10	3411	3291	3086	2923	2724	2639	2545	2565	2648	2759	2970	3125	3321	3429	3513	3500			
15	2208	2073	1803	1616	1409	1328	1239	1244	1324	1433	1661	1843	2078	2221	2370	2334			
20	957	877	715	595	496	462	423	407	448	515	635	724	877	974	1075	1041			
25	286	266	219	183	154	146	130	125	139	156	195	224	271	304	337	311			
30	90.5	86.5	73.9	64.9	55.6	51.2	47.3	46.1	48.9	55.6	65.5	74.7	87.8	95.3	103	94.9			
35	36.6	34.9	30.4	27.4	24.4	22.7	21.3	20.9	22.1	23.9	26.8	29.7	33.7	36.1	38.8	37.3			
40	17.3	16.8	14.7	13.5	12.4	11.5	10.9	10.5	11.0	11.8	13.3	14.2	15.9	16.7	17.8	17.8			
45	8.93	8.94	8.02	7.63	7.01	6.70	6.43	6.03	6.30	6.79	7.33	7.70	8.45	8.66	9.24	9.16			
50	5.27	5.21	4.72	4.51	4.03	3.76	3.58	3.41	3.60	3.92	4.21	4.57	4.97	5.08	5.50	5.39			
55	2.84	2.74	2.35	2.17	1.81	1.63	1.55	1.58	1.66	1.76	1.97	2.25	2.60	2.73	3.05	2.95			
60	1.31	1.24	1.16	1.02	0.87	0.76	0.77	0.80	0.81	0.85	0.95	1.12	1.25	1.32	1.36	1.36			
65	0.64	0.62	0.61	0.55	0.49	0.42	0.46	0.48	0.47	0.48	0.47	0.56	0.61	0.66	0.67	0.66			
70	0.40	0.39	0.38	0.29	0.24	0.18	0.19	0.20	0.20	0.22	0.23	0.29	0.35	0.40	0.39	0.40			
75	0.15	0.11	0.12	0.08	0.09	0.05	0.07	0.05	0.05	0.08	0.07	0.10	0.09	0.13	0.13	0.15			
80	0.07	0.03	0.05	0.01	0.03	0.00	0.02	0.00	0.00	0.02	0.00	0.03	0.02	0.05	0.03	0.06			
85	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01			
90	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			
95	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
100	0.00	0.02	0.00	0.03	0.00	0.03	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
105	0.02	0.04	0.02	0.05	0.04	0.06	0.04	0.07	0.02	0.00	0.01	0.00	0.01	0.00	0.01	0.00			
110	0.06	0.08	0.06	0.10	0.08	0.11	0.09	0.11	0.03	0.01	0.03	0.00	0.03	0.00	0.02	0.00			
115	0.10	0.13	0.10	0.14	0.12	0.15	0.13	0.16	0.06	0.03	0.05	0.02	0.05	0.02	0.03	0.01			
120	0.14	0.16	0.14	0.17	0.15	0.18	0.16	0.18	0.13	0.10	0.10	0.07	0.09	0.05	0.07	0.05			
125	0.17	0.19	0.17	0.21	0.19	0.22	0.19	0.22	0.33	0.28	0.26	0.21	0.20	0.16	0.17	0.14			
130	0.22	0.26	0.25	0.29	0.29	0.33	0.32	0.34	0.81	0.73	0.66	0.57	0.51	0.45	0.43	0.41			
135	0.40	0.46	0.50	0.57	0.62	0.67	0.69	0.69	1.69	1.59	1.43	1.30	1.17	1.08	1.02	1.00			
140	0.87	0.96	1.07	1.19	1.31	1.38	1.44	1.42	2.92	2.78	2.57	2.40	2.22	2.10	1.99	1.98			
145	1.74	1.86	2.03	2.20	2.37	2.46	2.55	2.52	4.37	4.23	3.98	3.79	3.55	3.42	3.29	3.28			
150	2.92	3.06	3.27	3.45	3.66	3.75	3.85	3.81	5.82	5.69	5.47	5.29	5.05	4.90	4.76	4.74			
155	4.21	4.35	4.54	4.72	4.91	5.00	5.06	5.04	6.93	6.82	6.70	6.55	6.39	6.24	6.12	6.08			
160	5.27	5.38	5.48	5.64	5.74	5.81	5.79	5.81	7.31	7.27	7.30	7.24	7.19	7.05	6.97	6.90			
165	5.73	5.78	5.81	5.87	5.89	5.87	5.87	5.86	6.95	7.03	7.11	7.18	7.19	7.15	7.07	7.02			
170	5.57	5.54	5.52	5.51	5.44	5.41	5.44	5.43	6.14	6.28	6.39	6.43	6.52	6.52	6.53	6.52			
175	5.10	5.10	5.12	5.05	4.95	4.96	5.08	5.08	5.35	5.51	5.64	5.59	5.65	5.73	5.78	5.71			
180	5.04	5.11	5.22	5.14	5.12	5.15	5.26	5.22	5.09	5.11	5.25	5.12	5.14	5.16	5.27	5.22			

C Range: 0 - 360DEG

C Interval: 22.5DEG

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Operators:001

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