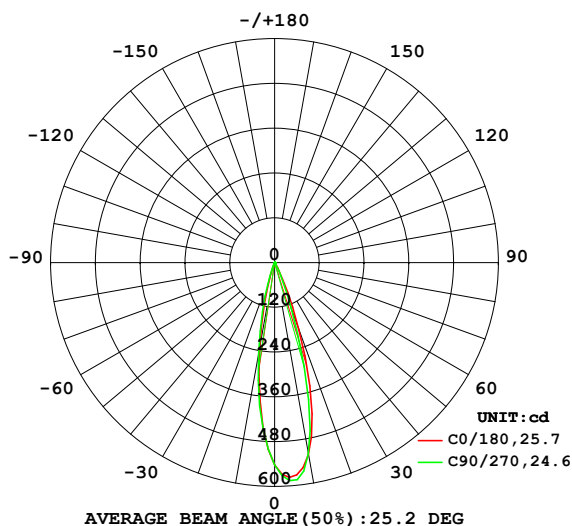


LUMINAIRE PHOTOMETRIC TEST REPORT

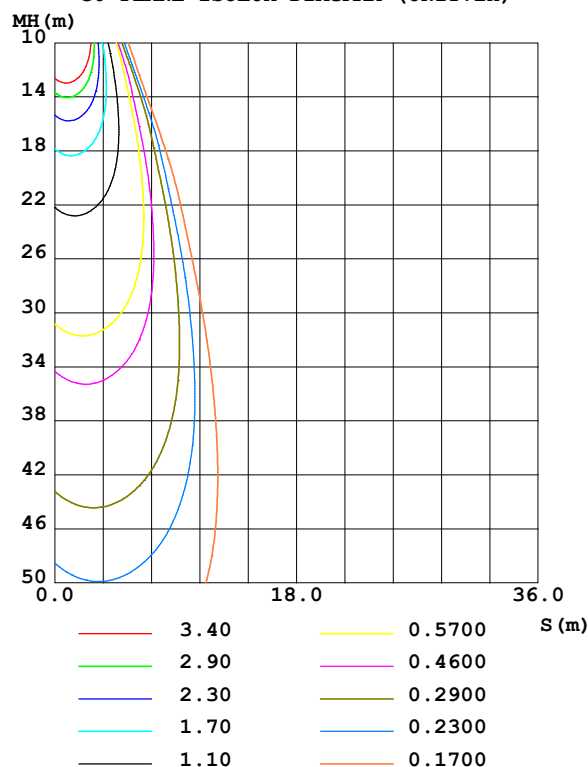
Test:U:220.74V I:0.0203A P:3.8735W PF:0.8643 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:126.94x1 lm		
NAME: WL3235 2700K RA90 30D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 22	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 32.77 lm/W			
MODEL	WL3235 2700K RA90 30D	I _{max} (cd)	631.3	S/MH(C0/180)	0.30
NOMINAL POWER(W)	3	LOR(%)	100.0	S/MH(C90/270)	0.32
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	126.94	η UP,DN(C0-180)	0.4,67.2
NOMINAL FLUX(lm)	126.94	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.5,32.0
LAMPS INSIDE	1	η up (%)	0.9	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	η down (%)	99.1	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℃
Operators:001
Test Date:2024-11-02

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:8.370m [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	523.2	609.1	520.9	362.6	232.1	215.2	249.8	345.3	0- 10	43.87	43.87	34.6,34.6
20	190.2	224.4	131.2	63.80	23.17	21.38	37.03	75.80	10- 20	62.39	106.3	83.7,83.7
30	17.46	26.87	15.18	4.509	2.376	2.102	2.588	3.992	20- 30	16.61	122.9	96.8,96.8
40	1.817	2.189	1.625	1.117	0.7542	0.6465	0.7112	0.9067	30- 40	2.212	125.1	98.5,98.5
50	0.6226	0.6730	0.6161	0.4958	0.1714	0.1488	0.2752	0.3511	40- 50	0.5646	125.6	99,99
60	0.1729	0.1834	0.0639	0.0168	0	0	0	0.0083	50- 60	0.1983	125.8	99.1,99.1
70	0	0	0	0	0	0	0	0	60- 70	0.0131	125.9	99.1,99.1
80	0	0	0	0	0	0	0	0	70- 80	0	125.9	99.1,99.1
90	0	0	0	0	0	0	0	0	80- 90	0	125.9	99.1,99.1
100	0	0	0	0	0	0	0	0	90-100	0	125.9	99.1,99.1
110	0	0	0	0	0	0	0	0	100-110	0	125.9	99.1,99.1
120	0	0	0	0	0	0.0000	0	0	110-120	0.0000	125.9	99.1,99.1
130	0	0	0	0.0413	0.1419	0.1719	0.1245	0.0501	120-130	0.0153	125.9	99.2,99.2
140	0.1551	0.1546	0.2259	0.3344	0.4751	0.5260	0.4640	0.3463	130-140	0.1421	126.0	99.3,99.3
150	0.4993	0.5031	0.5902	0.6887	0.7803	0.8079	0.7812	0.7004	140-150	0.3168	126.3	99.5,99.5
160	0.7605	0.7689	0.7974	0.8080	0.7882	0.7799	0.8111	0.8079	150-160	0.3502	126.7	99.8,99.8
170	0.7081	0.7278	0.6984	0.6533	0.5105	0.4894	0.5211	0.6029	160-170	0.2090	126.9	100,100
180	0.4775	0.4786	0.4388	0.4483	0.4553	0.4564	0.4332	0.4289	170-180	0.0510	126.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 125.47 lm

%lum = 98.8%

%lamp = 98.8%

Conical surface Flux(130deg): 125.85 lm

%lum = 99.1%

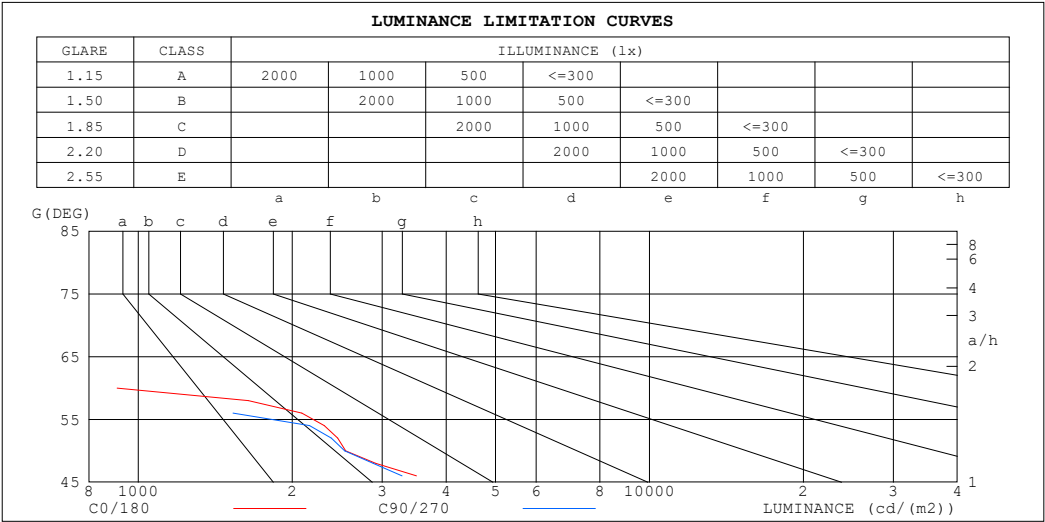
%lamp = 99.1%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-11-02

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:8.370m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.74V I:0.0203A P:3.8735W PF:0.8643 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:126.94x1 lm		
NAME: WL3235 2700K RA90 30D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 22	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	0	0
80	0	0
75	0	0
70	0	0
65	278	1
60	909	338
55	2368	2216
50	2546	2535
45	4165	3771

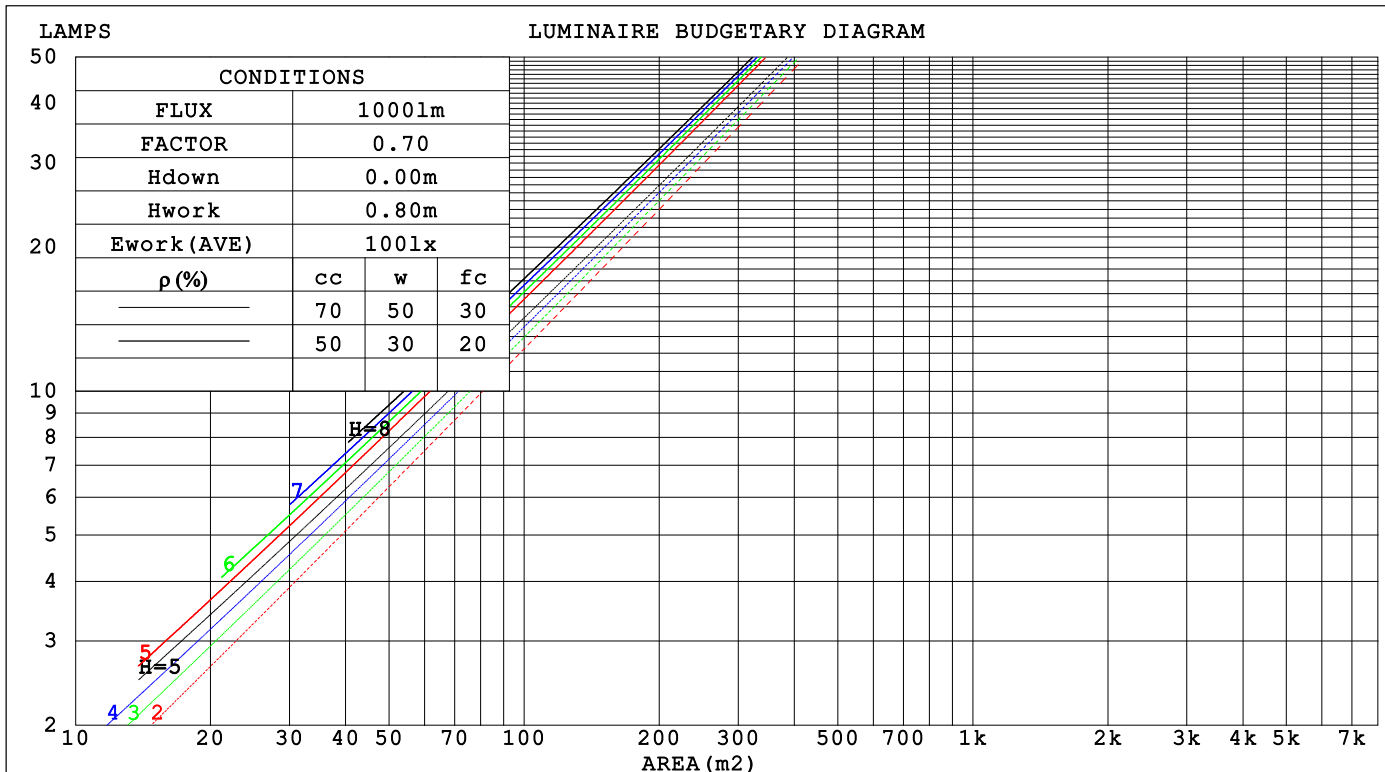
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-11-02

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:8.370m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.74V I:0.0203A P:3.8735W PF:0.8643 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:126.94x1 lm		
NAME: WL3235 2700K RA90 30D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 22	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	1.13	1.11	1.09	1.11	1.09	1.07	1.06	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	.88	.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	.79	.84	.81	.79	.78
9.0	.85	.81	.78	.84	.80	.78	.83	.80	.78	.83	.80	.77	.82	.79	.77	.76
10.0	.82	.78	.76	.82	.78	.76	.81	.78	.76	.81	.78	.75	.80	.77	.75	.74



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-11-02

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:8.370m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:220.74V I:0.0203A P:3.8735W PF:0.8643 Freq:49.99Hz			UTHDi:0.00% ITHDi:0.00% KDisp:0			Lamp Flux:126.94x1 lm		
NAME: WL3235 2700K RA90 30D			TYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: VJC Lighting			SUR.: 22			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	.076	.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	.061	.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	.013	.080	.043	.013		
6.0	.096	.048	.014	.093	.047	.014	.088	.045	.013	.083	.043	.013	.078	.041	.012		
7.0	.092	.045	.013	.089	.044	.013	.084	.043	.012	.080	.041	.012	.075	.039	.011		
8.0	.087	.043	.012	.085	.042	.012	.081	.040	.012	.077	.039	.011	.073	.037	.011		
9.0	.083	.040	.011	.081	.040	.011	.078	.038	.011	.074	.037	.011	.071	.036	.010		
10.0	.080	.038	.011	.078	.038	.011	.075	.037	.010	.072	.036	.010	.069	.035	.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	.155	.150	.141	.133	.102	.097	.092	.059	.056	.054	.019	.018	.017		
2.0	.156	.139	.125	.134	.120	.108	.092	.083	.075	.053	.048	.044	.017	.016	.014		
3.0	.141	.120	.103	.121	.103	.089	.083	.072	.063	.048	.042	.037	.015	.014	.012		
4.0	.129	.105	.086	.110	.090	.075	.076	.063	.053	.044	.037	.031	.014	.012	.010		
5.0	.118	.092	.073	.101	.080	.063	.070	.056	.045	.041	.033	.027	.013	.011	.009		
6.0	.109	.082	.063	.094	.071	.055	.065	.050	.039	.038	.029	.023	.012	.010	.008		
7.0	.102	.074	.055	.087	.064	.048	.060	.045	.034	.035	.026	.020	.011	.009	.007		
8.0	.095	.067	.048	.082	.058	.042	.057	.041	.030	.033	.024	.018	.011	.008	.006		
9.0	.089	.062	.043	.077	.053	.037	.053	.038	.026	.031	.022	.016	.010	.007	.005		
10.0	.085	.057	.038	.073	.049	.033	.051	.035	.024	.029	.021	.014	.010	.007	.005		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-11-02

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:8.370m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.74V I:0.0203A P:3.8735W PF:0.8643 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:126.94x1 lm										
NAME: WL3235 2700K RA90 30D					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: VJC Lighting					SUR.: 22			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	14.5	15.1	14.7	15.3	15.5	13.5	14.1	13.7	14.2	14.4
3H	14.4	14.9	14.6	15.1	15.3	13.3	13.9	13.6	14.1	14.3
4H	14.3	14.8	14.5	15.0	15.3	13.2	13.8	13.5	14.0	14.2
6H	14.2	14.7	14.5	15.0	15.2	13.1	13.7	13.4	13.9	14.2
8H	14.1	14.7	14.4	14.9	15.2	13.1	13.6	13.4	13.9	14.1
12H	14.1	14.6	14.4	14.9	15.1	13.0	13.5	13.4	13.8	14.1
4H 2H	14.3	14.9	14.6	15.1	15.3	13.3	13.8	13.5	14.1	14.3
3H	14.1	14.6	14.5	14.9	15.2	13.1	13.6	13.4	13.9	14.1
4H	14.0	14.5	14.4	14.8	15.1	13.0	13.5	13.4	13.8	14.1
6H	13.9	14.3	14.3	14.7	15.0	12.9	13.3	13.3	13.6	14.0
8H	13.9	14.2	14.3	14.6	15.0	12.8	13.2	13.2	13.6	14.0
12H	13.8	14.2	14.2	14.5	14.9	12.8	13.1	13.2	13.5	13.9
8H 4H	13.9	14.2	14.3	14.6	15.0	12.8	13.2	13.2	13.6	14.0
6H	13.8	14.1	14.2	14.5	14.9	12.7	13.0	13.2	13.4	13.9
8H	13.7	14.0	14.2	14.4	14.9	12.7	12.9	13.1	13.4	13.8
12H	13.6	13.9	14.1	14.3	14.8	12.6	12.8	13.1	13.3	13.8
12H 4H	13.8	14.2	14.2	14.5	14.9	12.8	13.1	13.2	13.5	13.9
6H	13.7	14.0	14.2	14.4	14.9	12.7	12.9	13.1	13.4	13.8
8H	13.6	13.9	14.1	14.3	14.8	12.6	12.8	13.1	13.3	13.8
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.5 / - 4.6					+ 2.7 / - 8.7				
1.5H	+ 4.1 / - 2.6					+ 3.3 / - 2.5				
2.0H	+ 3.3 / - 9.1					+ 3.8 / -32.6				

CIE Pub.117, 126.9 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -7.2)
Area: 0.00038 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-11-02

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:8.370m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.74V I:0.0203A P:3.8735W PF:0.8643 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:126.94x1 lm		
NAME: WL3235 2700K RA90 30D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 22	Shielding Angle:

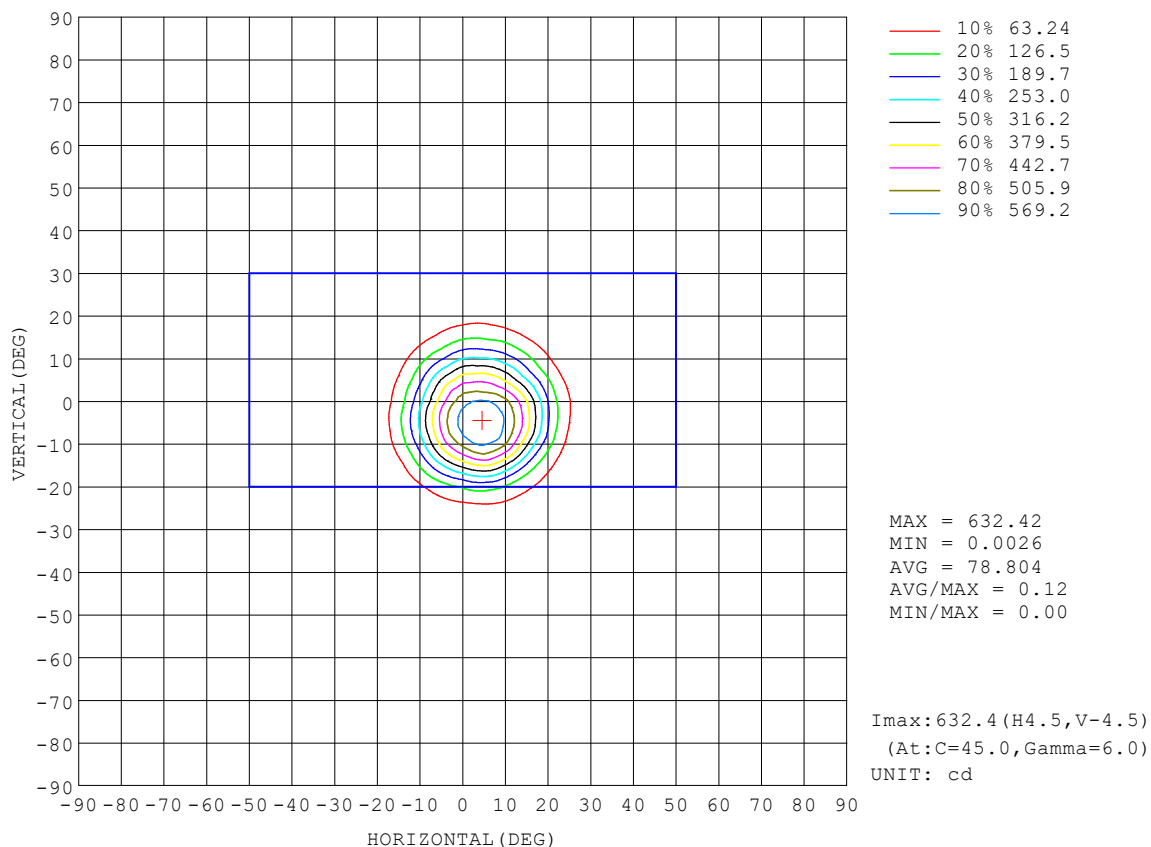
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	91	85	82	90	85	81	89	84	81	78
0.80	98	92	89	97	92	89	96	91	89	85
1.00	101	96	93	101	96	93	99	95	92	89
1.25	105	100	97	104	100	97	102	98	96	92
1.50	107	103	100	106	102	100	104	101	98	94
2.00	110	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	106	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: 2024-11-02

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.456
 Humidity: 65.0%
 Test Distance: 8.370m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:220.74V I:0.0203A P:3.8735W PF:0.8643 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:126.94x1 lm		
NAME: WL3235 2700K RA90 30D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 22	Shielding Angle:

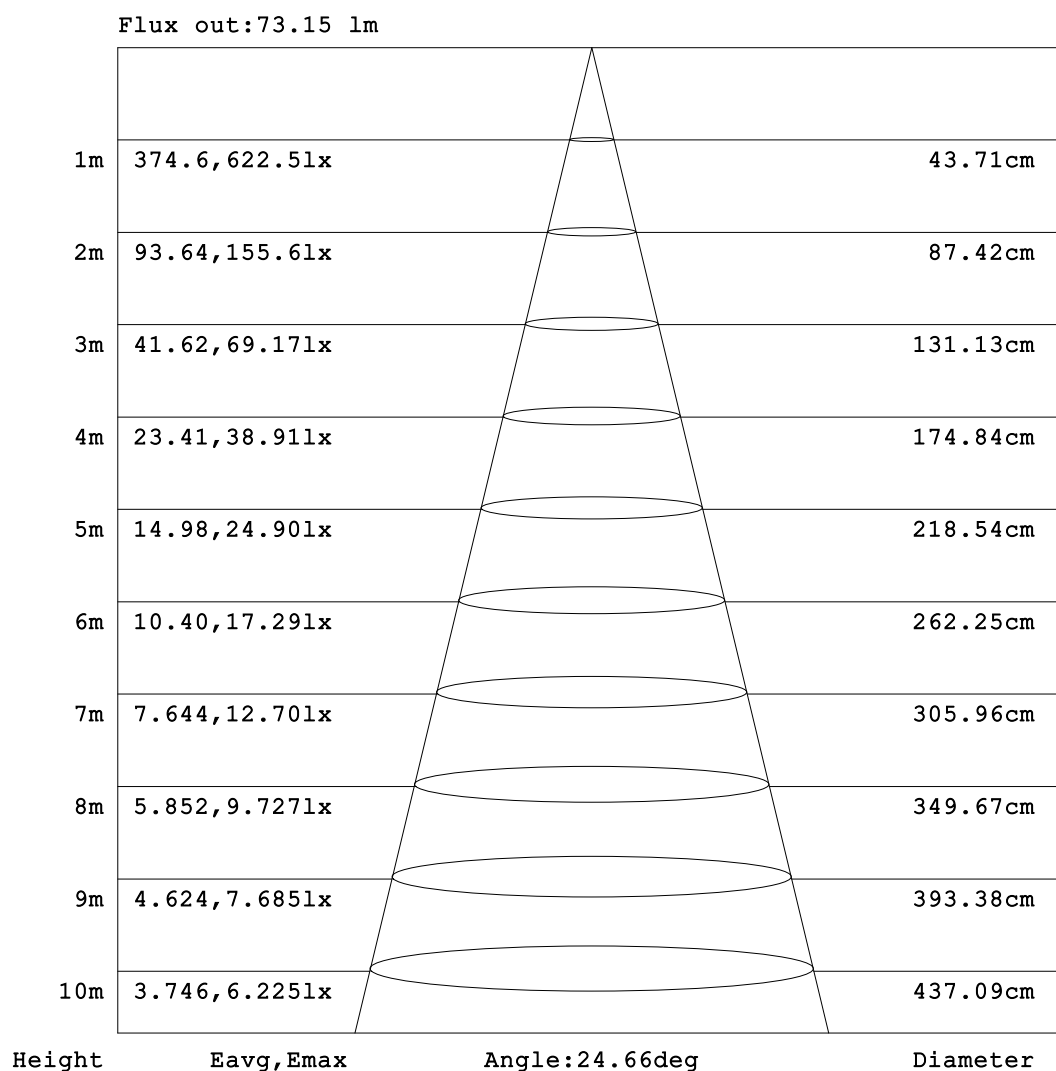


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-11-02

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:8.370m [K=1.0000]
Remarks:

AAI Figure

Test:U:220.74V I:0.0203A P:3.8735W PF:0.8643 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:126.94x1 lm		
NAME: WL3235 2700K RA90 30D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 22	Shielding Angle:



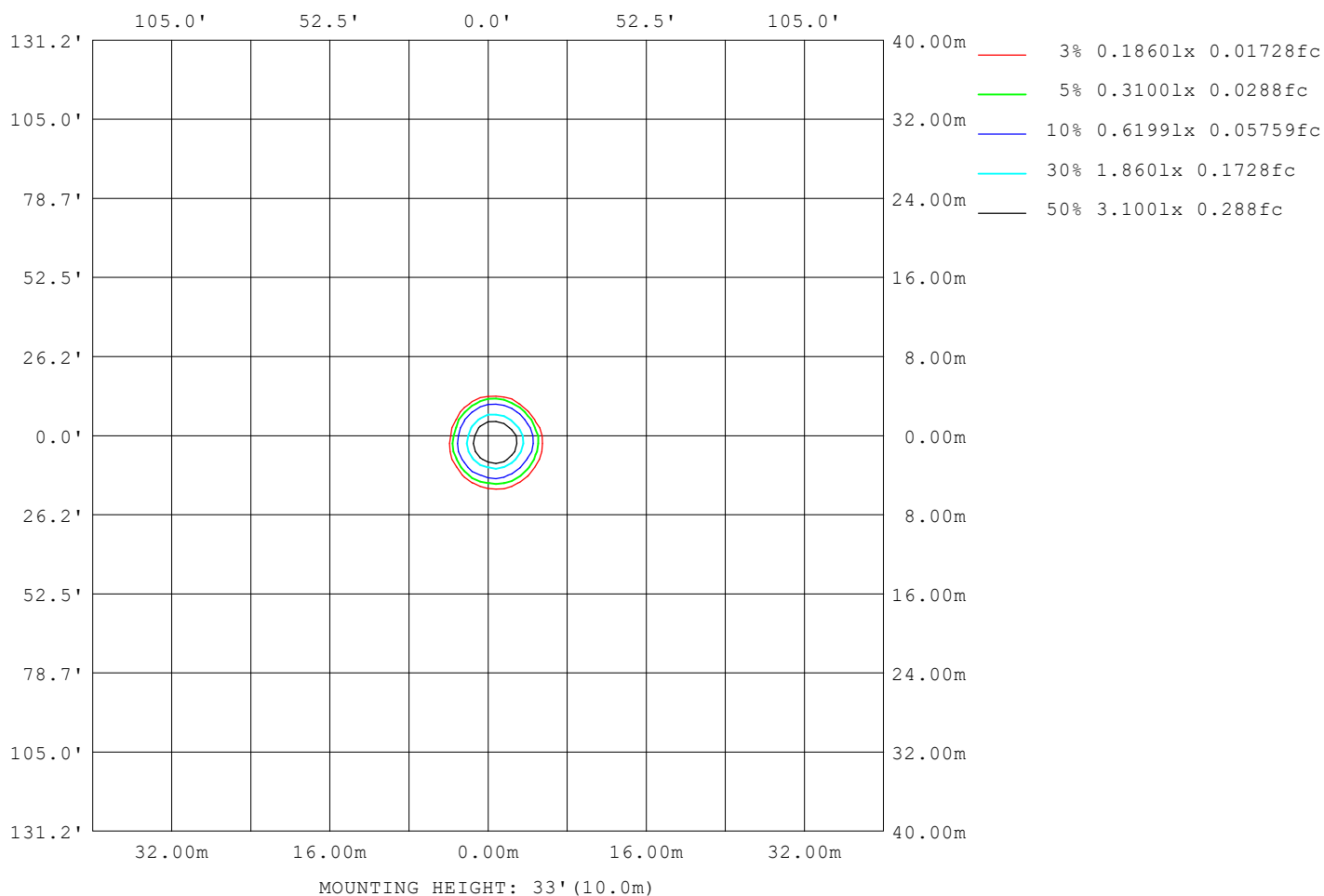
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3℃
Operators: 001
Test Date: 2024-11-02

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 8.370m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:220.74V I:0.0203A P:3.8735W PF:0.8643 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:126.94x1 lm		
NAME: WL3235 2700K RA90 30D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 22	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: 001
Test Date: 2024-11-02

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 8.370m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:220.74V I:0.0203A P:3.8735W PF:0.8643 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:126.94x1 lm		
NAME: WL3235 2700K RA90 30D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 22	Shielding Angle:

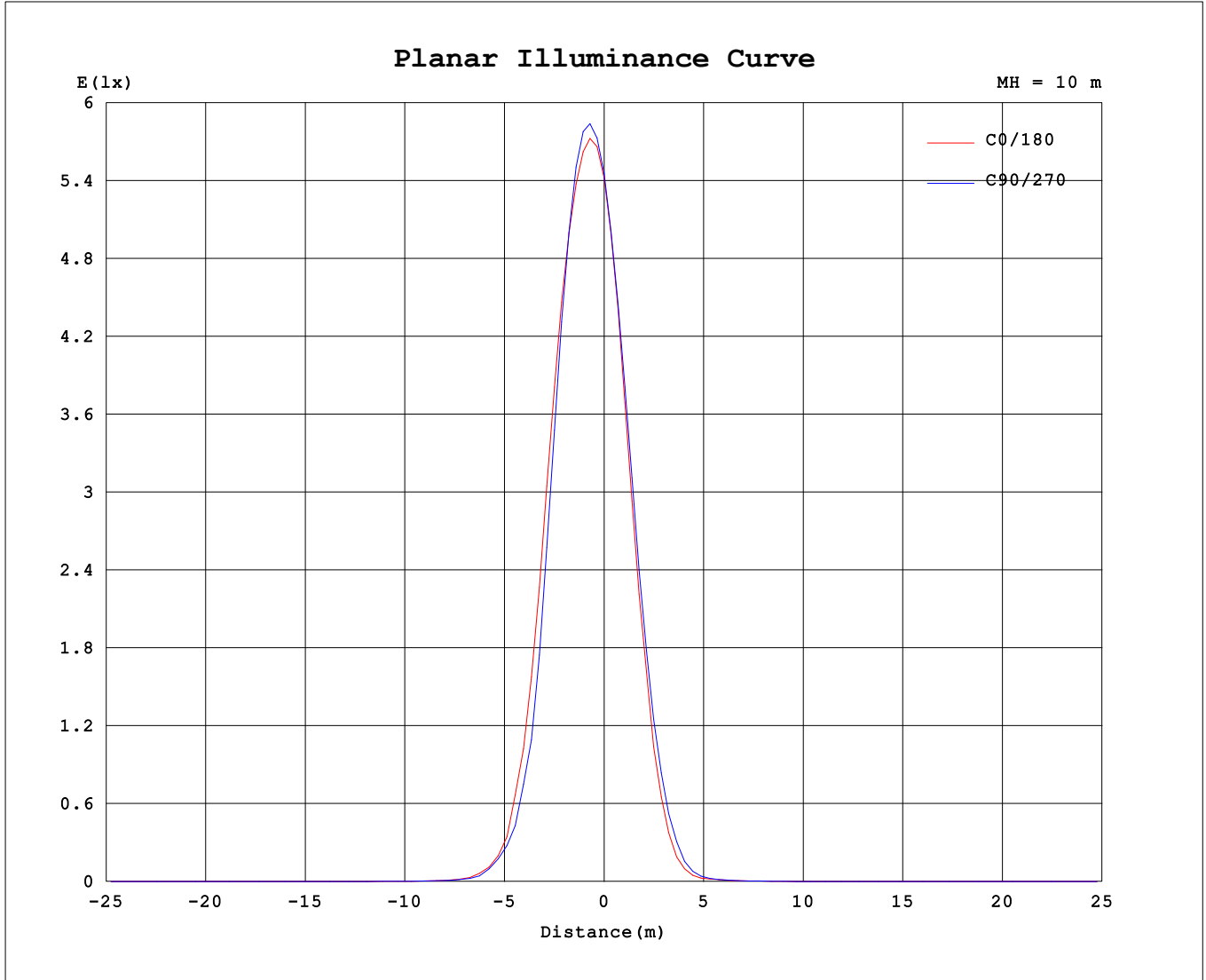
AvgL	cd/m2
L_0~180 (65) av	78
L_0~180 (75) av	0
L_0~180 (85) av	0
L_90~270 (65) av	0
L_90~270 (75) av	0
L_90~270 (85) av	0
L_45 (65) av	29
L_45 (75) av	0
L_45 (85) av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-11-02

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:8.370m [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: 2024-11-02

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.456
 Humidity: 65.0%
 Test Distance: 8.370m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.74V I:0.0203A P:3.8735W PF:0.8643 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:126.94x1 lm		
NAME: WL3235 2700K RA90 30D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 22	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	543	543	543	543	543	543	543	543	543	543	543	543	543	543	543	543			
5	577	606	616	614	585	561	522	485	444	430	428	429	446	461	492	526			
10	523	581	609	602	521	454	363	295	232	212	215	220	250	281	345	419			
15	417	485	513	486	379	306	221	169	114	101	104	109	136	164	218	292			
20	190	233	224	197	131	102	63.8	41.1	23.2	19.7	21.4	25.7	37.0	48.8	75.8	117			
25	88.0	94.6	90.4	80.6	56.4	41.4	24.1	14.3	6.41	5.43	5.90	7.10	10.5	14.0	25.4	42.8			
30	17.5	24.8	26.9	24.5	15.2	8.90	4.51	3.19	2.38	2.10	2.10	2.23	2.59	2.92	3.99	6.48			
35	5.46	8.10	8.37	6.78	4.24	3.43	2.49	1.79	1.41	1.33	1.26	1.33	1.48	1.72	2.14	2.76			
40	1.82	2.03	2.19	2.05	1.62	1.27	1.12	0.89	0.75	0.69	0.65	0.71	0.71	0.81	0.91	1.32			
45	1.12	1.09	1.16	1.21	1.01	0.85	0.78	0.65	0.50	0.50	0.44	0.47	0.47	0.54	0.61	0.80			
50	0.62	0.64	0.67	0.69	0.62	0.55	0.50	0.39	0.17	0.15	0.15	0.22	0.28	0.34	0.35	0.47			
55	0.52	0.48	0.54	0.53	0.48	0.38	0.23	0.08	0.01	0.03	0.00	0.05	0.06	0.13	0.19	0.36			
60	0.17	0.25	0.18	0.09	0.06	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.05			
65	0.04	0.08	0.04	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			
70	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			
75	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			
80	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			
85	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			
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	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
110	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			
115	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			
120	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			
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.03	0.00	0.01	0.00	0.00	0.00			
130	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.11	0.14	0.14	0.17	0.14	0.12	0.07	0.05	0.00			
135	0.02	0.04	0.02	0.06	0.06	0.12	0.14	0.22	0.26	0.27	0.31	0.27	0.25	0.18	0.15	0.06			
140	0.16	0.17	0.15	0.21	0.23	0.30	0.33	0.44	0.48	0.49	0.53	0.50	0.46	0.39	0.35	0.24			
145	0.29	0.30	0.28	0.34	0.36	0.45	0.49	0.59	0.62	0.63	0.66	0.63	0.61	0.54	0.50	0.39			
150	0.50	0.52	0.50	0.56	0.59	0.66	0.69	0.76	0.78	0.78	0.81	0.79	0.78	0.72	0.70	0.61			
155	0.63	0.65	0.64	0.71	0.71	0.78	0.77	0.82	0.82	0.82	0.83	0.84	0.83	0.79	0.79	0.72			
160	0.76	0.78	0.77	0.80	0.80	0.81	0.81	0.80	0.79	0.81	0.78	0.84	0.81	0.82	0.81	0.80			
165	0.77	0.78	0.78	0.79	0.80	0.78	0.79	0.73	0.69	0.71	0.69	0.73	0.73	0.77	0.76	0.81			
170	0.71	0.69	0.73	0.71	0.70	0.65	0.65	0.57	0.51	0.53	0.49	0.52	0.52	0.59	0.60	0.67			
175	0.61	0.60	0.62	0.59	0.59	0.53	0.53	0.46	0.45	0.45	0.43	0.42	0.41	0.46	0.49	0.55			
180	0.48	0.48	0.48	0.46	0.44	0.43	0.45	0.42	0.46	0.45	0.46	0.43	0.43	0.42	0.43	0.43			

C Range: 0 - 360DEG

C Interval: 22.5DEG

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