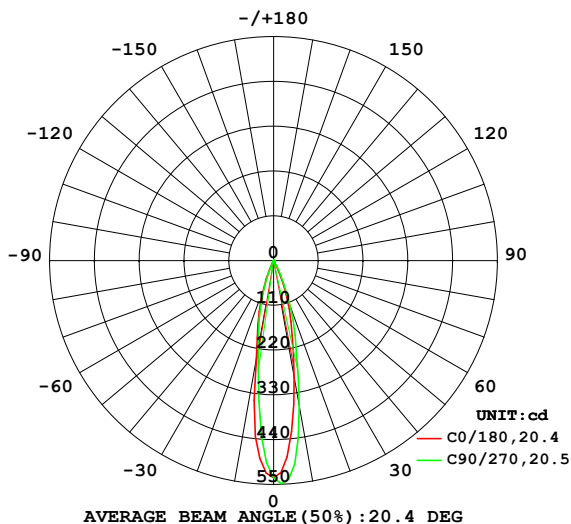


LUMINAIRE PHOTOMETRIC TEST REPORT

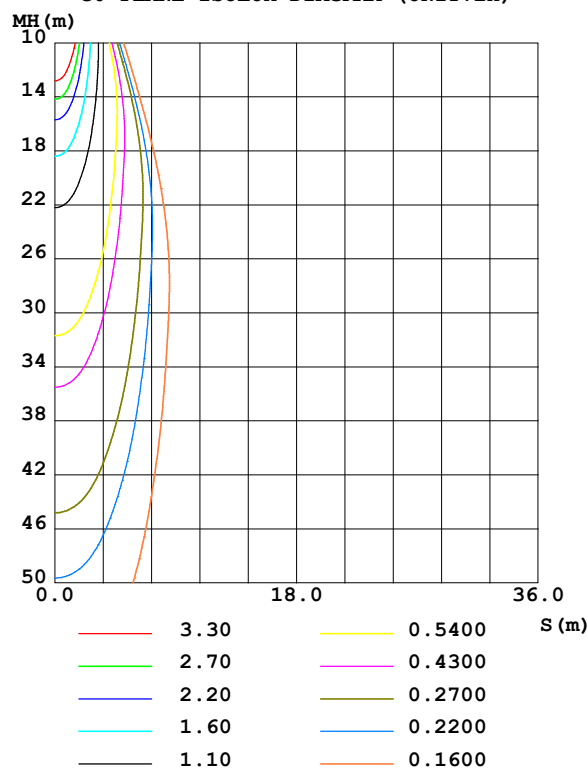
Test:U:220.75V I:0.1029A P:2.7286W PF:0.1201 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:102.956x1 lm		
NAME: TR3142 3000K RA97 14D 2W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC lighting	SUR.: 18	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 37.73 lm/W			
MODETR3142	3000K RA97 14D 2W	Imax(cd)	548.8	S/MH(C0/180)	0.33
NOMINAL POWER(W)	2	LOR(%)	100.0	S/MH(C90/270)	0.28
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	102.95	η UP,DN(C0-180)	0.4,58.5
NOMINAL FLUX(lm)	102.956	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,40.7
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℃
Operators:001
Test Date:2025-03-25

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	291.8	343.9	362.5	323.5	245.0	215.7	218.1	245.2	0- 10	37.78	37.78	36.7,36.7
20	95.39	117.8	121.1	99.24	73.50	60.60	60.28	74.52	10- 20	46.18	83.96	81.6,81.6
30	9.303	14.89	14.89	9.104	4.967	3.097	2.578	3.630	20- 30	16.09	100.1	97.2,97.2
40	0.8455	1.180	0.9287	0.9123	0.7679	0.5977	0.5843	0.6852	30- 40	1.522	101.6	98.7,98.7
50	0.2866	0.9530	0.3250	0.3688	0.2094	0.1343	0.1301	0.2471	40- 50	0.4096	102.0	99.1,99.1
60	0.0001	0.0167	0.0196	0.0033	0	0	0	0	50- 60	0.1464	102.1	99.2,99.2
70	0	0	0	0	0	0	0	0	60- 70	0.0004	102.1	99.2,99.2
80	0	0	0	0	0	0	0	0	70- 80	0	102.1	99.2,99.2
90	0	0	0	0	0	0	0	0	80- 90	0	102.1	99.2,99.2
100	0	0	0	0	0	0	0	0	90-100	0	102.1	99.2,99.2
110	0	0	0	0	0	0	0	0	100-110	0	102.1	99.2,99.2
120	0	0	0	0	0	0	0	0	110-120	0	102.1	99.2,99.2
130	0.0054	0	0	0.0112	0.0520	0.0744	0.0807	0.0593	120-130	0.0062	102.1	99.2,99.2
140	0.2122	0.1836	0.1828	0.2189	0.2673	0.3106	0.3304	0.3012	130-140	0.0994	102.2	99.3,99.3
150	0.4738	0.4528	0.4658	0.5002	0.5369	0.5686	0.5827	0.5681	140-150	0.2443	102.5	99.5,99.5
160	0.5683	0.5755	0.6075	0.6100	0.5961	0.6177	0.6324	0.6184	150-160	0.2669	102.7	99.8,99.8
170	0.4933	0.5246	0.5467	0.5456	0.4875	0.4665	0.4463	0.4468	160-170	0.1625	102.9	100,100
180	0.3869	0.3981	0.3939	0.3936	0.3896	0.3899	0.3856	0.3795	170-180	0.0418	103.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 101.85 lm

%lum = 98.9%

%lamp = 98.9%

Conical surface Flux(130deg): 102.13 lm

%lum = 99.2%

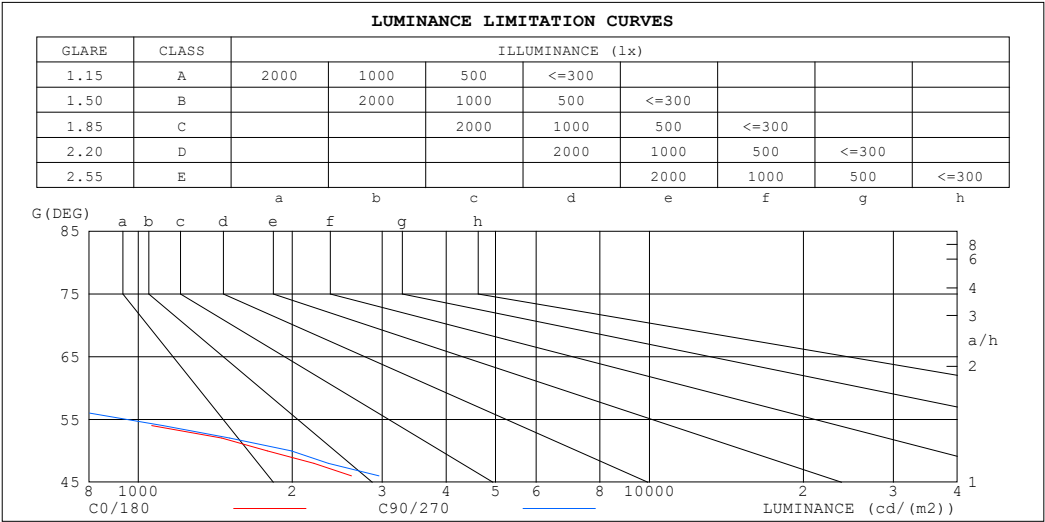
%lamp = 99.2%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2025-03-25

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:220.75V I:0.1029A P:2.7286W PF:0.1201 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:102.956x1 lm		
NAME: TR3142 3000K RA97 14D 2W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC lighting	SUR.: 18	Shielding Angle:



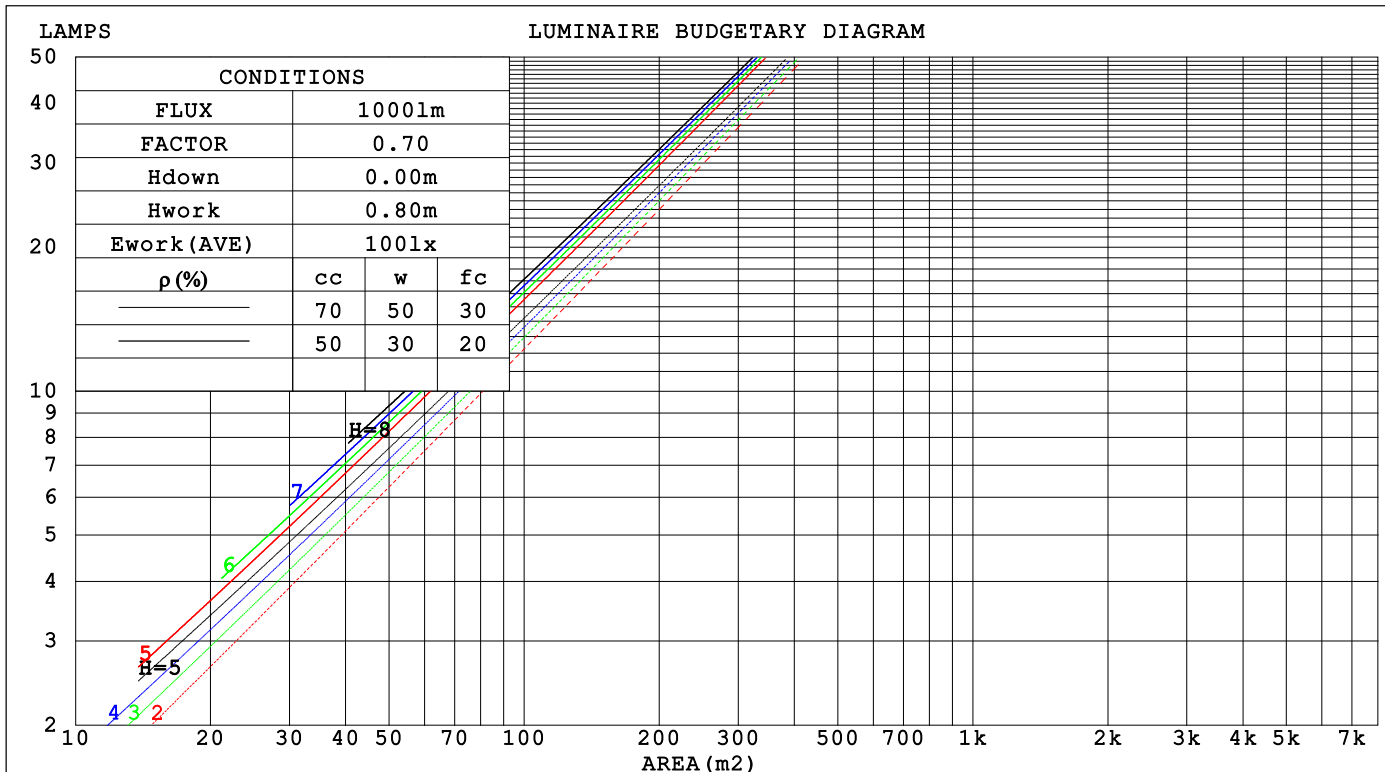
LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	0	0
80	0	0
75	0	0
70	0	0
65	0	0
60	1	154
55	1088	1145
50	1787	1990
45	3231	3555

C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 22.5DEG	γ Interval: 2.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Temperature:25.3℃	Humidity:65.0%
Operators:001	Test Distance:8.370m [K=1.0000]
Test Date:2025-03-25	Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.75V I:0.1029A P:2.7286W PF:0.1201 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:102.956x1 lm		
NAME: TR3142 3000K RA97 14D 2W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC lighting	SUR.: 18	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	1.08	1.07	1.05	1.04	1.03	1.02	1.01	.99	.99	.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	.93	.91	.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	.86	.91	.87	.85	.89	.87	.84	.88	.86	.84	.83
7.0	.90	.86	.83	.89	.86	.83	.88	.85	.82	.87	.84	.82	.86	.84	.82	.81
8.0	.87	.83	.81	.87	.83	.80	.86	.82	.80	.85	.82	.80	.84	.81	.79	.78
9.0	.85	.81	.78	.84	.81	.78	.84	.80	.78	.83	.80	.78	.82	.79	.77	.76
10.0	.83	.79	.76	.82	.79	.76	.82	.78	.76	.81	.78	.76	.80	.77	.75	.75



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2025-03-25

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:220.75V I:0.1029A P:2.7286W PF:0.1201 Freq:49.99Hz			UTHDi:0.00% ITHDi:0.00% KDisp:0			Lamp Flux:102.956x1 lm		
NAME: TR3142 3000K RA97 14D 2W			TYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: VJC lighting			SUR.: 18			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	.134	.076	.024	.127	.072	.023	.114	.066	.021	.102	.059	.019	.092	.053	.017		
2.0	.124	.068	.021	.118	.065	.020	.107	.060	.019	.098	.055	.017	.089	.050	.016		
3.0	.115	.061	.018	.110	.059	.018	.101	.055	.017	.093	.051	.016	.086	.047	.015		
4.0	.108	.056	.016	.104	.054	.016	.096	.051	.015	.089	.048	.014	.083	.045	.014		
5.0	.101	.052	.015	.098	.050	.015	.092	.048	.014	.086	.045	.013	.080	.043	.013		
6.0	.096	.048	.014	.093	.047	.014	.087	.045	.013	.082	.043	.013	.077	.041	.012		
7.0	.091	.045	.013	.088	.044	.013	.084	.042	.012	.079	.041	.012	.075	.039	.011		
8.0	.087	.042	.012	.085	.042	.012	.080	.040	.011	.076	.039	.011	.073	.037	.011		
9.0	.083	.040	.011	.081	.039	.011	.077	.038	.011	.074	.037	.011	.070	.036	.010		
10.0	.079	.038	.011	.078	.038	.010	.074	.036	.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	.125	.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	.093	.071	.054	.064	.050	.038	.037	.029	.023	.012	.010	.008		
7.0	.101	.073	.054	.087	.064	.047	.060	.045	.033	.035	.026	.020	.011	.009	.007		
8.0	.094	.067	.048	.081	.058	.042	.056	.041	.029	.033	.024	.018	.011	.008	.006		
9.0	.089	.061	.042	.076	.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	.009	.007	.005		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2025-03-25

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:220.75V I:0.1029A P:2.7286W PF:0.1201 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:102.956x1 lm										
NAME: TR3142 3000K RA97 14D 2W						TYPE:		WEIGHT:		
SPEC.:						DIM.:		SERIAL No.:		
MFR.: VJC lighting						SUR.: 18		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	12.5	13.1	12.7	13.3	13.4	14.2	14.8	14.4	15.0	15.2
3H	12.3	12.9	12.6	13.1	13.3	14.1	14.6	14.3	14.8	15.0
4H	12.2	12.8	12.5	13.0	13.2	14.0	14.5	14.2	14.7	15.0
6H	12.2	12.7	12.4	12.9	13.2	13.9	14.4	14.2	14.7	14.9
8H	12.1	12.6	12.4	12.9	13.1	13.8	14.4	14.1	14.6	14.9
12H	12.1	12.5	12.4	12.8	13.1	13.8	14.3	14.1	14.6	14.8
4H 2H	12.5	13.1	12.8	13.3	13.5	14.0	14.6	14.3	14.8	15.0
3H	12.3	12.8	12.6	13.1	13.4	13.9	14.3	14.2	14.6	14.9
4H	12.2	12.7	12.6	13.0	13.3	13.8	14.2	14.1	14.5	14.8
6H	12.1	12.5	12.5	12.9	13.2	13.7	14.1	14.0	14.4	14.8
8H	12.1	12.4	12.5	12.8	13.2	13.6	14.0	14.0	14.3	14.7
12H	12.0	12.3	12.4	12.7	13.1	13.5	13.9	14.0	14.3	14.7
8H 4H	12.1	12.4	12.5	12.8	13.2	13.6	14.0	14.0	14.3	14.7
6H	11.9	12.3	12.4	12.7	13.1	13.5	13.8	13.9	14.2	14.6
8H	11.9	12.2	12.3	12.6	13.0	13.4	13.7	13.9	14.1	14.6
12H	11.8	12.1	12.3	12.5	13.0	13.4	13.6	13.8	14.0	14.5
12H 4H	12.0	12.3	12.4	12.7	13.1	13.5	13.9	14.0	14.3	14.7
6H	11.9	12.2	12.3	12.6	13.0	13.4	13.7	13.9	14.1	14.6
8H	11.8	12.1	12.3	12.5	13.0	13.4	13.6	13.8	14.0	14.5
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.8 / -31.2					+ 1.8 / -13.6				
1.5H	+ 3.0 / - 9.1					+ 2.4 / - 7.7				
2.0H	+ 8.9 / - 1.\$					+ 4.6 / - 1.\$				

CIE Pub.117, 103.0 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -7.9)
Area: 0.000254 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2025-03-25

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:220.75V I:0.1029A P:2.7286W PF:0.1201 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:102.956x1 lm		
NAME: TR3142 3000K RA97 14D 2W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC lighting	SUR.: 18	Shielding Angle:

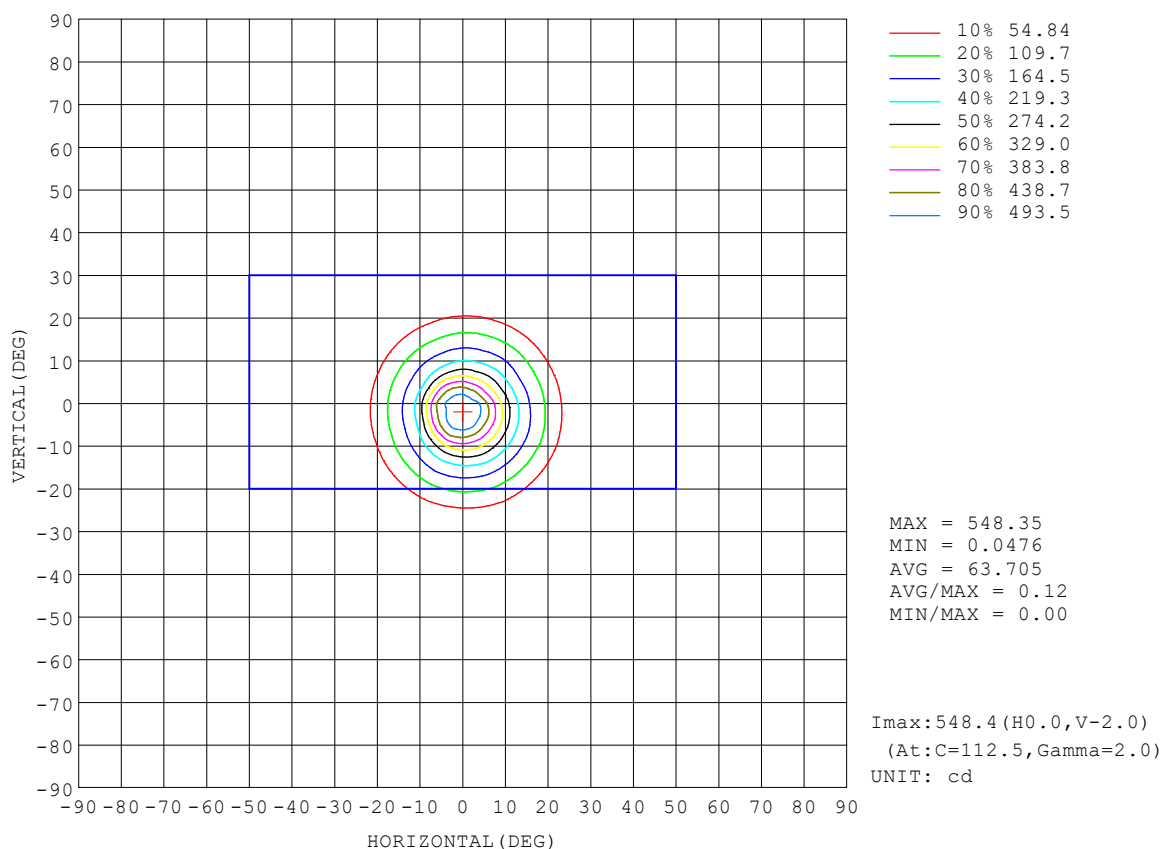
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	91	85	82	90	85	82	89	84	81	78
0.80	98	92	89	97	92	89	96	92	89	85
1.00	101	96	93	101	96	93	99	96	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	109	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: 2025-03-25

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:220.75V I:0.1029A P:2.7286W PF:0.1201 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:102.956x1 lm		
NAME: TR3142 3000K RA97 14D 2W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC lighting	SUR.: 18	Shielding Angle:

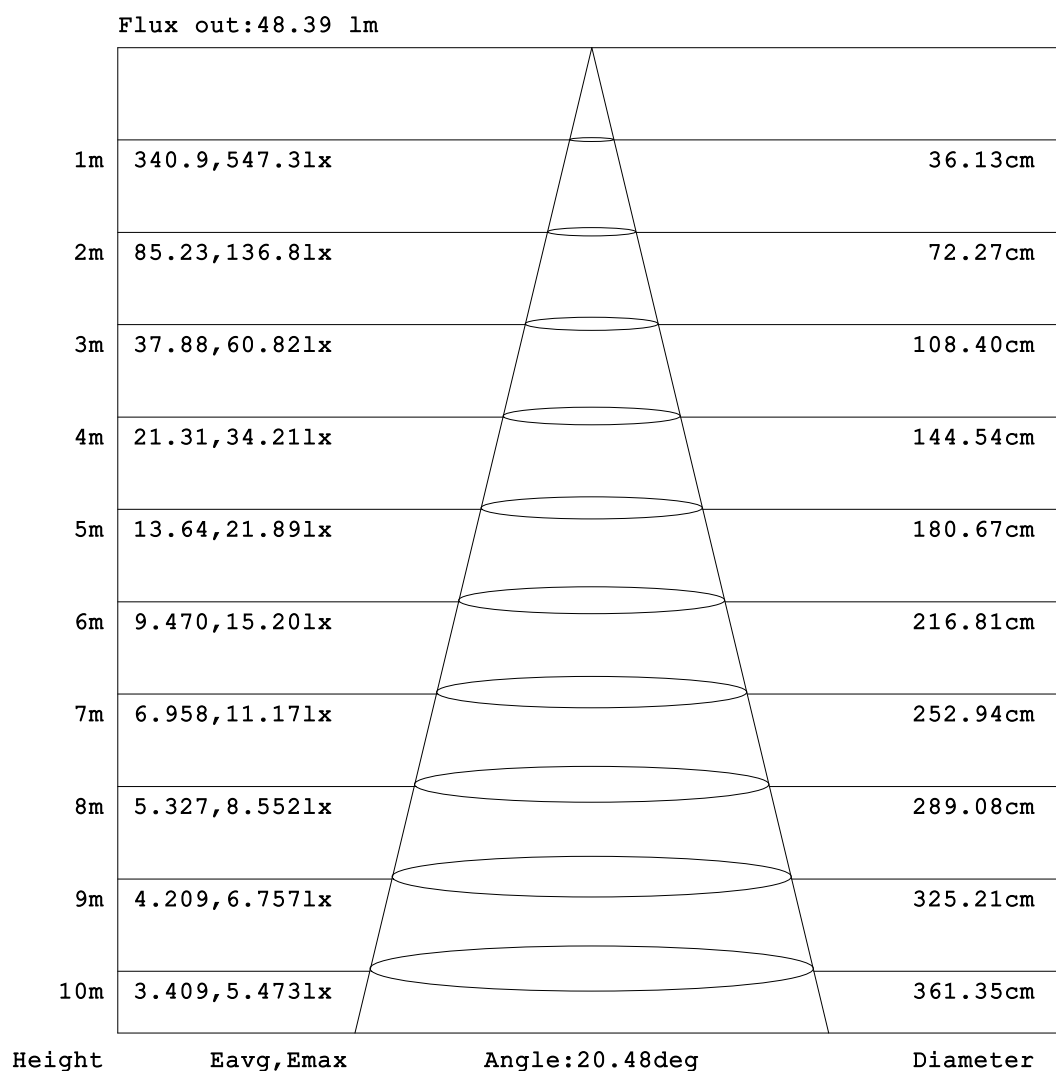


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2025-03-25

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:220.75V I:0.1029A P:2.7286W PF:0.1201 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:102.956x1 lm		
NAME: TR3142 3000K RA97 14D 2W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC lighting	SUR.: 18	Shielding Angle:



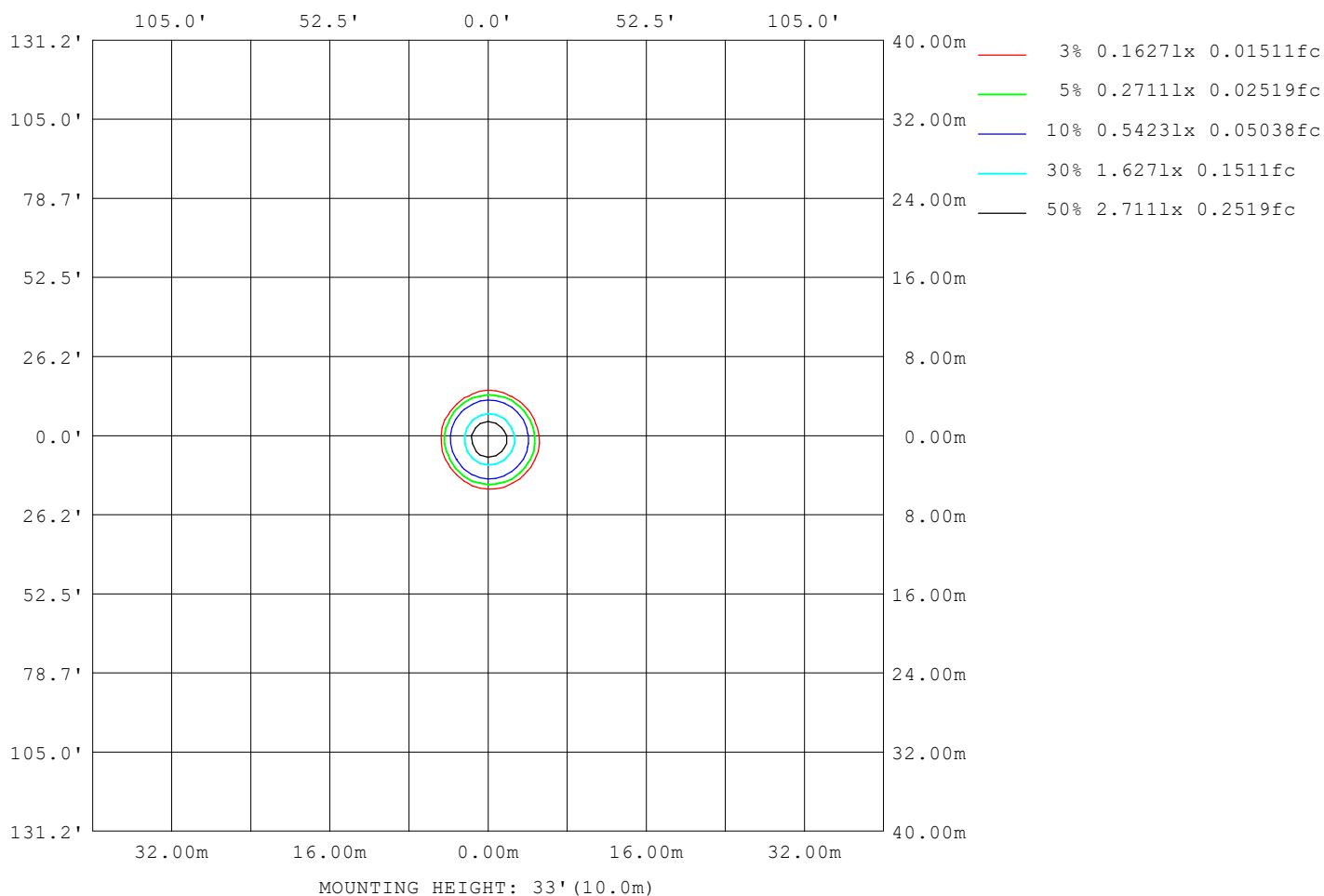
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2025-03-25

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:220.75V I:0.1029A P:2.7286W PF:0.1201 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:102.956x1 lm		
NAME: TR3142 3000K RA97 14D 2W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC lighting	SUR.: 18	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: 001
Test Date: 2025-03-25

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:220.75V I:0.1029A P:2.7286W PF:0.1201 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:102.956x1 lm		
NAME: TR3142 3000K RA97 14D 2W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC lighting	SUR.: 18	Shielding Angle:

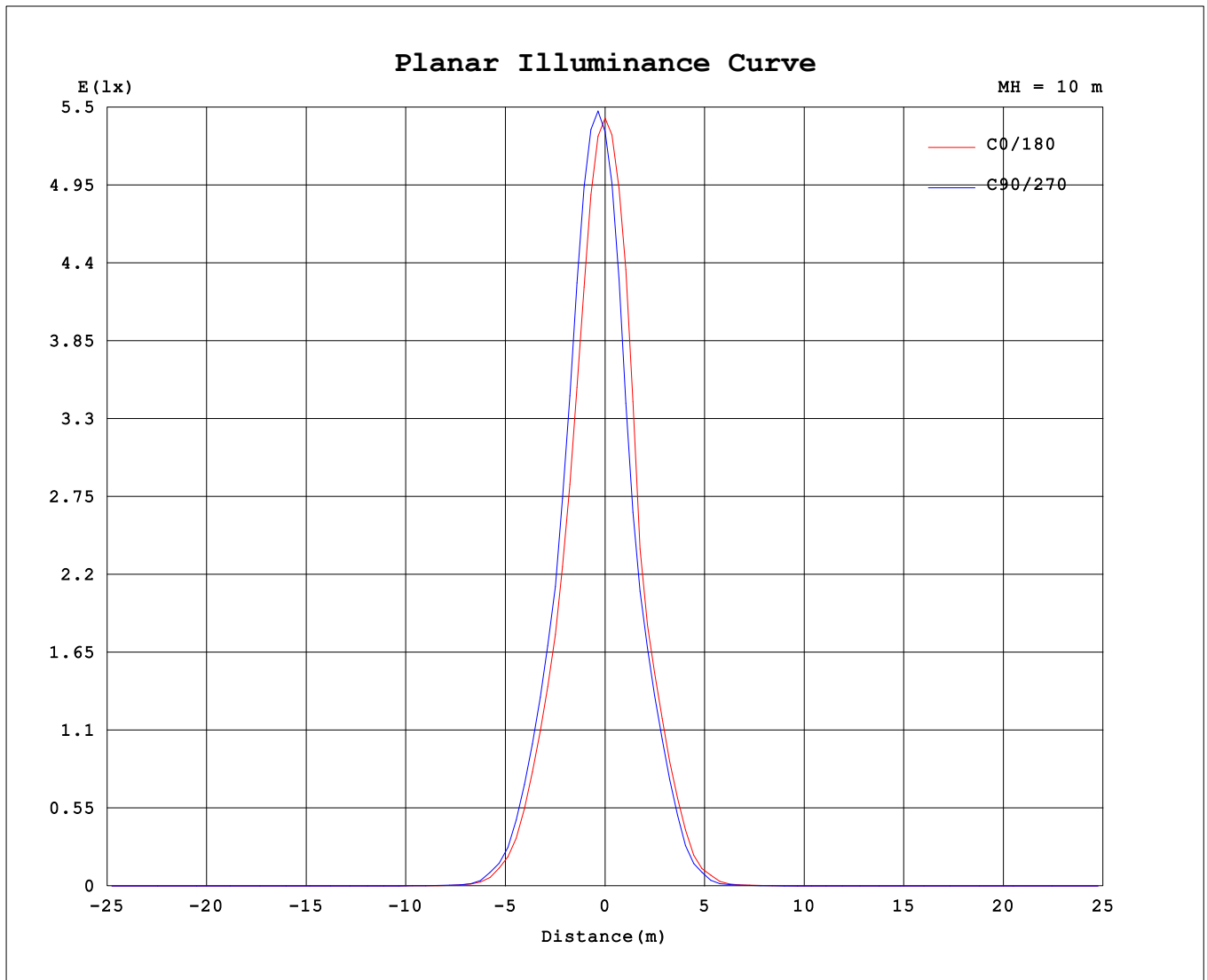
AvgL	cd/m2
L_0~180 (65) av	0
L_0~180 (75) av	0
L_0~180 (85) av	0
L_90~270 (65) av	0
L_90~270 (75) av	0
L_90~270 (85) av	0
L_45 (65) av	0
L_45 (75) av	0
L_45 (85) av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2025-03-25

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: 2025-03-25

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:220.75V I:0.1029A P:2.7286W PF:0.1201 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:102.956x1 lm		
NAME: TR3142 3000K RA97 14D 2W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC lighting	SUR.: 18	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	533	533	533	533	533	533	533	533	533	533	533	533	533	533	533	533			
5	483	503	516	533	538	540	526	506	488	468	453	436	432	430	444	463			
10	292	325	344	359	363	361	324	278	245	220	216	213	218	226	245	266			
15	191	214	229	239	232	224	200	180	162	151	147	143	148	153	168	175			
20	95.4	111	118	124	121	116	99.2	85.0	73.5	65.3	60.6	56.9	60.3	64.9	74.5	85.2			
25	43.5	54.0	57.9	63.8	61.1	57.1	44.7	34.5	28.1	23.0	20.9	19.8	21.0	23.2	28.3	35.9			
30	9.30	13.6	14.9	16.4	14.9	12.7	9.10	6.56	4.97	3.65	3.10	2.66	2.58	2.73	3.63	5.70			
35	2.59	3.69	3.78	3.57	2.98	2.43	1.88	1.68	1.61	1.51	1.42	1.33	1.18	1.22	1.39	1.72			
40	0.85	0.84	1.18	1.09	0.93	0.94	0.91	0.85	0.77	0.72	0.60	0.63	0.58	0.64	0.69	0.77			
45	0.57	0.58	0.99	0.95	0.64	0.63	0.68	0.62	0.49	0.42	0.35	0.37	0.32	0.39	0.45	0.55			
50	0.29	0.24	0.95	0.99	0.33	0.30	0.37	0.31	0.21	0.17	0.13	0.16	0.13	0.19	0.25	0.33			
55	0.16	0.11	0.73	0.85	0.17	0.15	0.23	0.19	0.10	0.08	0.06	0.08	0.04	0.07	0.11	0.19			
60	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00			
65	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			
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
130	0.01	0.02	0.00	0.02	0.00	0.03	0.01	0.05	0.05	0.03	0.07	0.06	0.08	0.04	0.06	0.02			
135	0.07	0.08	0.05	0.07	0.05	0.09	0.07	0.12	0.12	0.11	0.15	0.13	0.16	0.13	0.14	0.09			
140	0.21	0.22	0.18	0.21	0.18	0.22	0.22	0.28	0.27	0.26	0.31	0.30	0.33	0.30	0.30	0.25			
145	0.33	0.33	0.30	0.32	0.30	0.34	0.34	0.40	0.38	0.38	0.43	0.41	0.45	0.41	0.42	0.37			
150	0.47	0.50	0.45	0.49	0.47	0.51	0.50	0.56	0.54	0.52	0.57	0.55	0.58	0.55	0.57	0.51			
155	0.54	0.54	0.53	0.57	0.55	0.59	0.57	0.60	0.58	0.58	0.63	0.61	0.60	0.61	0.59	0.58			
160	0.57	0.58	0.58	0.58	0.61	0.62	0.61	0.62	0.60	0.59	0.62	0.61	0.63	0.61	0.62	0.61			
165	0.55	0.57	0.57	0.59	0.62	0.61	0.60	0.60	0.59	0.57	0.58	0.59	0.59	0.59	0.57	0.61			
170	0.49	0.48	0.52	0.51	0.55	0.52	0.55	0.50	0.49	0.50	0.47	0.48	0.45	0.48	0.45	0.49			
175	0.43	0.41	0.45	0.43	0.46	0.43	0.46	0.42	0.42	0.44	0.40	0.41	0.38	0.40	0.38	0.41			
180	0.39	0.39	0.40	0.39	0.39	0.39	0.39	0.38	0.39	0.39	0.39	0.38	0.39	0.38	0.38	0.37			

C Range: 0 - 360DEG

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