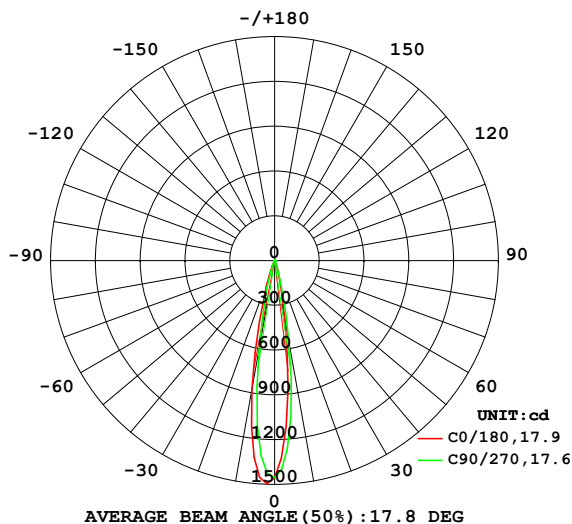


LUMINAIRE PHOTOMETRIC TEST REPORT

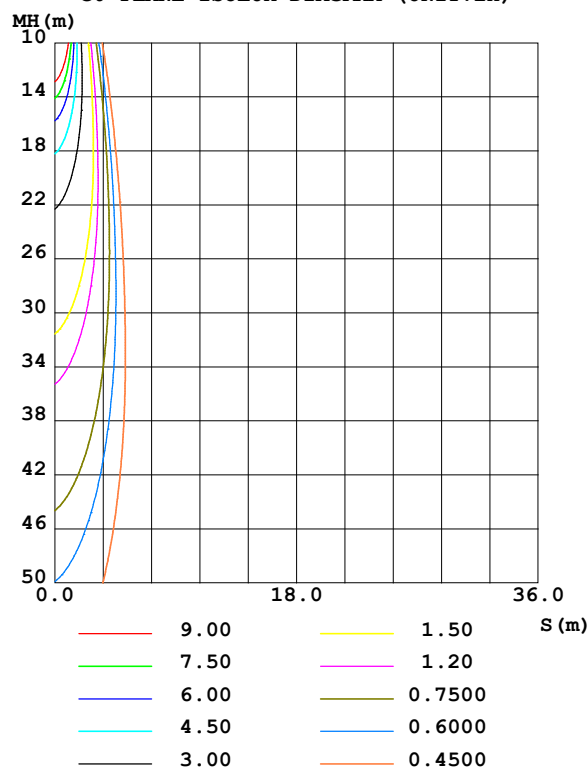
Test:U:11.771V I:0.5150A P:6.0617W PF:1.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:177.477x1 lm		
NAME: TR3147 3000K RA97 15D 6W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC lighting	SUR.: 18	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 29.28 lm/W			
MODETR3147	3000K RA97 15D 6W	Imax (cd)	1496	S/MH(C0/180)	0.36
NOMINAL POWER(W)	6	LOR(%)	100.0	S/MH(C90/270)	0.30
RATED VOLTAGE(V)	12	TOTAL FLUX(lm)	177.48	η UP,DN(C0-180)	0.4,46.2
NOMINAL FLUX(lm)	177.477	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,53.0
LAMPS INSIDE	1	η up (%)	0.9	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	11.98	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:2025-03-17

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	401.5	444.5	564.0	757.8	878.7	802.7	601.1	464.1	0- 10	94.79	94.79	53.4,53.4
20	46.00	45.29	51.38	71.33	101.7	101.0	77.13	58.68	10- 20	66.06	160.8	90.6,90.6
30	5.054	5.730	8.166	11.37	10.57	10.15	6.940	5.977	20- 30	11.82	172.7	97.3,97.3
40	1.073	0.9191	1.062	1.537	1.492	1.800	1.790	1.324	30- 40	2.329	175.0	98.6,98.6
50	0.4458	0.3978	0.5455	0.6170	0.6202	0.7603	0.9886	0.5303	40- 50	0.6993	175.7	99,99
60	0.0271	0.0165	0.0225	0.0510	0.0430	0.0382	0.0195	0.0028	50- 60	0.2208	175.9	99.1,99.1
70	0	0	0	0	0	0	0	0	60- 70	0.0057	175.9	99.1,99.1
80	0	0	0	0	0	0	0	0	70- 80	0	175.9	99.1,99.1
90	0	0	0	0	0	0	0	0	80- 90	0	175.9	99.1,99.1
100	0	0	0	0	0	0	0	0	90-100	0	175.9	99.1,99.1
110	0	0	0	0	0	0	0	0	100-110	0	175.9	99.1,99.1
120	0	0	0	0	0	0	0	0	110-120	0	175.9	99.1,99.1
130	0.0941	0.0791	0.0333	0.0028	0.0191	0.0166	0.0254	0.0654	120-130	0.0065	175.9	99.1,99.1
140	0.6305	0.5962	0.4912	0.3838	0.3514	0.3485	0.4145	0.5295	130-140	0.1651	176.1	99.2,99.2
150	1.095	1.084	1.039	0.9722	0.9556	0.9481	1.004	1.075	140-150	0.4740	176.6	99.5,99.5
160	1.168	1.156	1.182	1.173	1.222	1.210	1.227	1.196	150-160	0.5248	177.1	99.8,99.8
170	0.7237	0.7454	0.8698	0.9618	1.011	1.004	0.9442	0.8250	160-170	0.3108	177.4	100,100
180	0.4991	0.5285	0.5563	0.5626	0.5234	0.5395	0.5535	0.5570	170-180	0.0696	177.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 175.47 lm

%lum = 98.9%

%lamp = 98.9%

Conical surface Flux(130deg): 175.93 lm

%lum = 99.1%

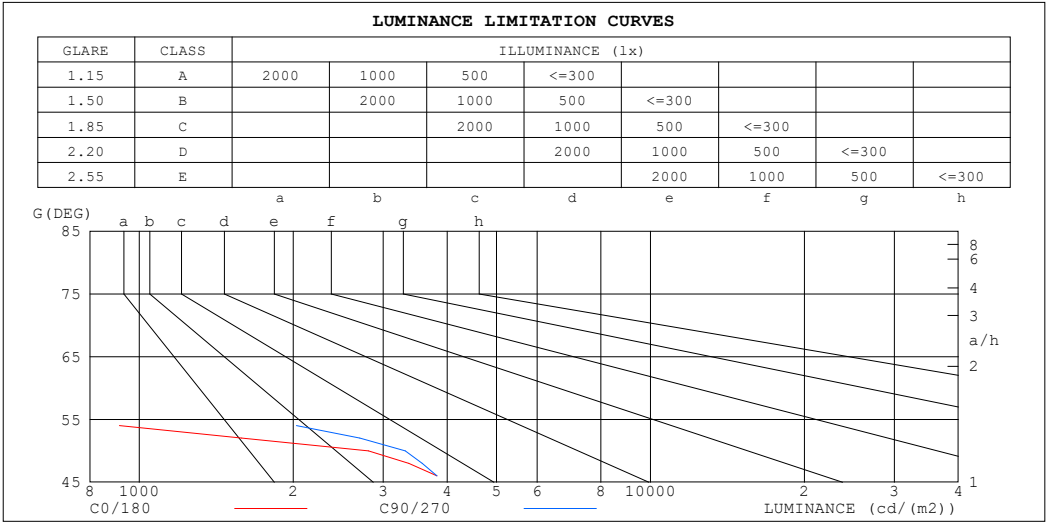
%lamp = 99.1%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2025-03-17

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:11.771V I:0.5150A P:6.0617W PF:1.0000 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:177.477x1 lm		
NAME: TR3147 3000K RA97 15D 6W	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	1	1
60	219	176
55	937	2079
50	2807	3315
45	4343	4019

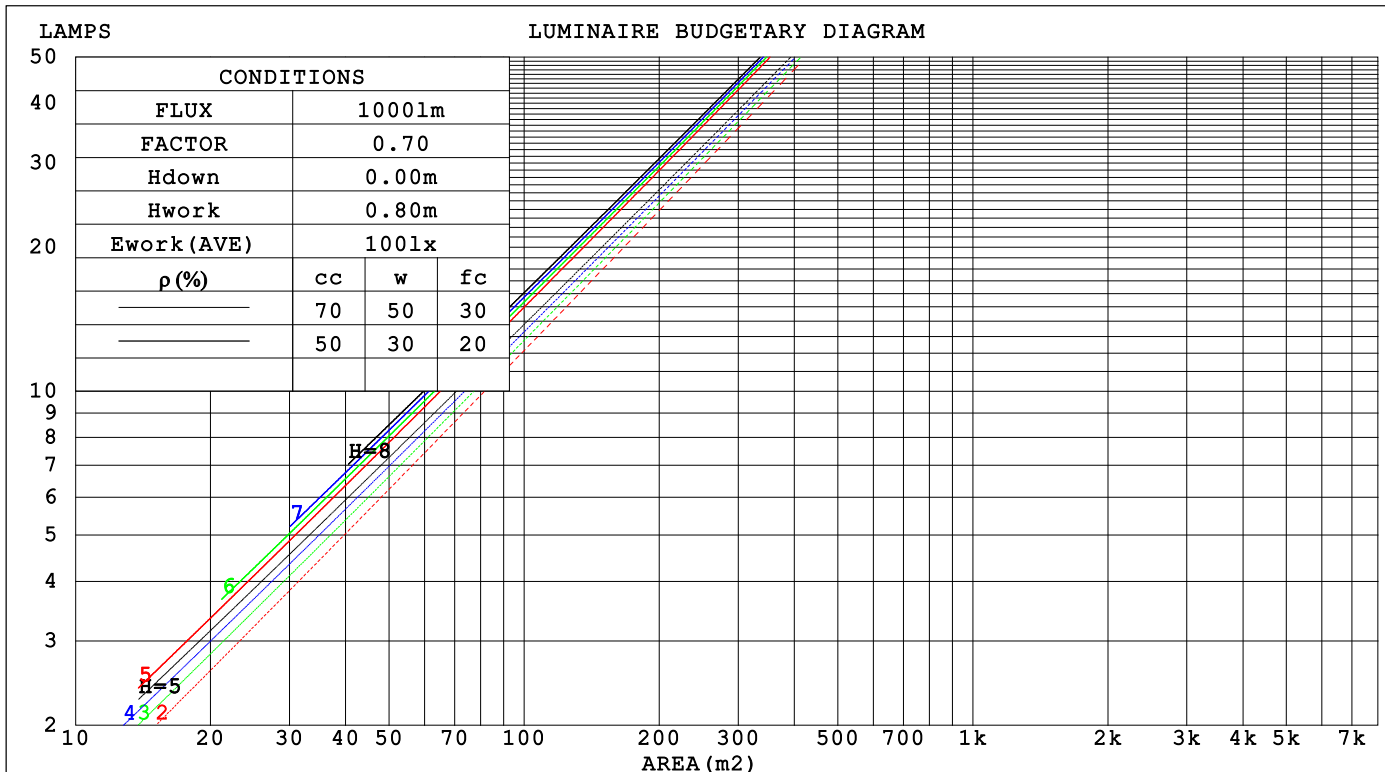
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2025-03-17

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:11.771V I:0.5150A P:6.0617W PF:1.0000 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:177.477x1 lm		
NAME: TR3147 3000K RA97 15D 6W	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	1.12	1.10	1.11	1.10	1.08	1.07	1.06	1.05	1.03	1.03	1.02	.99	.99	.99	.97
2.0	1.09	1.06	1.04	1.07	1.05	1.03	1.04	1.02	1.01	1.01	.99	.98	.98	.97	.96	.95
3.0	1.05	1.02	.99	1.04	1.01	.99	1.01	.99	.97	.99	.97	.96	.97	.95	.94	.93
4.0	1.02	.99	.96	1.01	.98	.96	.99	.96	.94	.97	.95	.93	.95	.94	.92	.91
5.0	.99	.96	.93	.98	.95	.93	.97	.94	.92	.95	.93	.91	.94	.92	.90	.89
6.0	.97	.93	.91	.96	.93	.91	.95	.92	.90	.94	.91	.89	.92	.90	.89	.88
7.0	.95	.91	.89	.94	.91	.88	.93	.90	.88	.92	.89	.88	.91	.89	.87	.86
8.0	.93	.89	.87	.92	.89	.87	.91	.88	.86	.90	.88	.86	.89	.87	.86	.85
9.0	.91	.87	.85	.90	.87	.85	.89	.87	.85	.89	.86	.84	.88	.86	.84	.83
10.0	.89	.86	.84	.89	.86	.83	.88	.85	.83	.87	.85	.83	.87	.84	.83	.82



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2025-03-17

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:11.771V I:0.5150A P:6.0617W PF:1.0000 Freq:0Hz			UTHDi:0.00% ITHDi:0.00% KDisp:0			Lamp Flux:177.477x1 lm		
NAME: TR3147 3000K RA97 15D 6W			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	.122	.069	.022	.115	.065	.021	.102	.059	.019	.090	.052	.017	.079	.046	.015		
2.0	.111	.061	.019	.105	.058	.018	.095	.053	.016	.085	.048	.015	.076	.043	.014		
3.0	.102	.054	.016	.098	.052	.016	.089	.048	.015	.081	.044	.014	.073	.041	.013		
4.0	.095	.049	.014	.091	.048	.014	.084	.044	.013	.077	.041	.012	.070	.038	.012		
5.0	.088	.045	.013	.085	.044	.013	.079	.041	.012	.073	.039	.011	.068	.036	.011		
6.0	.083	.042	.012	.080	.040	.012	.075	.038	.011	.070	.036	.011	.065	.034	.010		
7.0	.078	.039	.011	.076	.038	.011	.071	.036	.010	.067	.034	.010	.063	.033	.010		
8.0	.074	.036	.010	.072	.035	.010	.068	.034	.010	.064	.032	.009	.061	.031	.009		
9.0	.070	.034	.010	.069	.033	.009	.065	.032	.009	.062	.031	.009	.058	.030	.009		
10.0	.067	.032	.009	.066	.032	.009	.062	.031	.009	.059	.029	.008	.057	.028	.008		

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	.165	.156	.149	.141	.134	.102	.097	.093	.059	.056	.054	.019	.018	.017		
2.0	.155	.140	.127	.133	.120	.109	.091	.083	.076	.052	.048	.045	.017	.016	.015		
3.0	.139	.120	.105	.119	.103	.091	.082	.072	.064	.047	.042	.038	.015	.014	.012		
4.0	.126	.104	.088	.108	.090	.077	.074	.063	.054	.043	.037	.032	.014	.012	.010		
5.0	.114	.092	.075	.098	.079	.065	.068	.055	.046	.039	.033	.027	.013	.011	.009		
6.0	.105	.082	.065	.090	.071	.056	.062	.049	.040	.036	.029	.024	.012	.010	.008		
7.0	.097	.073	.057	.083	.063	.049	.058	.044	.035	.033	.026	.021	.011	.009	.007		
8.0	.090	.066	.050	.077	.057	.043	.054	.040	.031	.031	.024	.018	.010	.008	.006		
9.0	.084	.060	.044	.072	.052	.039	.050	.037	.027	.029	.022	.016	.009	.007	.005		
10.0	.079	.055	.040	.068	.048	.035	.047	.034	.025	.027	.020	.015	.009	.007	.005		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2025-03-17

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:11.771V I:0.5150A P:6.0617W PF:1.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:177.477x1 lm										
NAME: TR3147 3000K RA97 15D 6W					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	7.1	7.6	7.3	7.8	7.9	8.3	8.8	8.5	9.0	9.1
3H	6.9	7.4	7.2	7.6	7.8	8.1	8.6	8.4	8.8	9.0
4H	6.9	7.3	7.1	7.6	7.8	8.1	8.5	8.3	8.7	9.0
6H	6.8	7.2	7.1	7.5	7.7	8.0	8.4	8.3	8.7	8.9
8H	6.7	7.2	7.0	7.4	7.7	7.9	8.4	8.2	8.6	8.9
12H	6.7	7.1	7.0	7.4	7.7	7.9	8.3	8.2	8.6	8.9
4H 2H	6.9	7.3	7.1	7.6	7.8	8.1	8.5	8.3	8.8	9.0
3H	6.7	7.1	7.0	7.4	7.7	7.9	8.3	8.2	8.6	8.9
4H	6.6	7.0	6.9	7.3	7.6	7.8	8.2	8.1	8.5	8.8
6H	6.5	6.8	6.9	7.2	7.5	7.7	8.0	8.1	8.4	8.7
8H	6.4	6.8	6.8	7.1	7.5	7.6	7.9	8.0	8.3	8.7
12H	6.4	6.7	6.8	7.1	7.5	7.6	7.9	8.0	8.2	8.6
8H 4H	6.4	6.8	6.8	7.1	7.5	7.6	7.9	8.0	8.3	8.7
6H	6.3	6.6	6.7	7.0	7.4	7.5	7.8	7.9	8.2	8.6
8H	6.2	6.5	6.7	6.9	7.4	7.4	7.7	7.9	8.1	8.6
12H	6.2	6.4	6.6	6.8	7.3	7.4	7.6	7.8	8.0	8.5
12H 4H	6.4	6.7	6.8	7.1	7.5	7.6	7.9	8.0	8.2	8.6
6H	6.2	6.5	6.7	6.9	7.4	7.4	7.7	7.9	8.1	8.6
8H	6.2	6.4	6.6	6.8	7.3	7.4	7.6	7.8	8.0	8.5
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.5 / -19.8					+ 3.5 / -16.9				
1.5H	+ 4.0 / -10.6					+ 3.9 / -11.0				
2.0H	+ 6.1 / -79.2					+ 5.1 / -80.1				

CIE Pub.117, 177.5 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -6.0)
Area: 0.000254 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2025-03-17

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:11.771V I:0.5150A P:6.0617W PF:1.0000 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:177.477x1 lm		
NAME: TR3147 3000K RA97 15D 6W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC lighting	SUR.: 18	Shielding Angle:

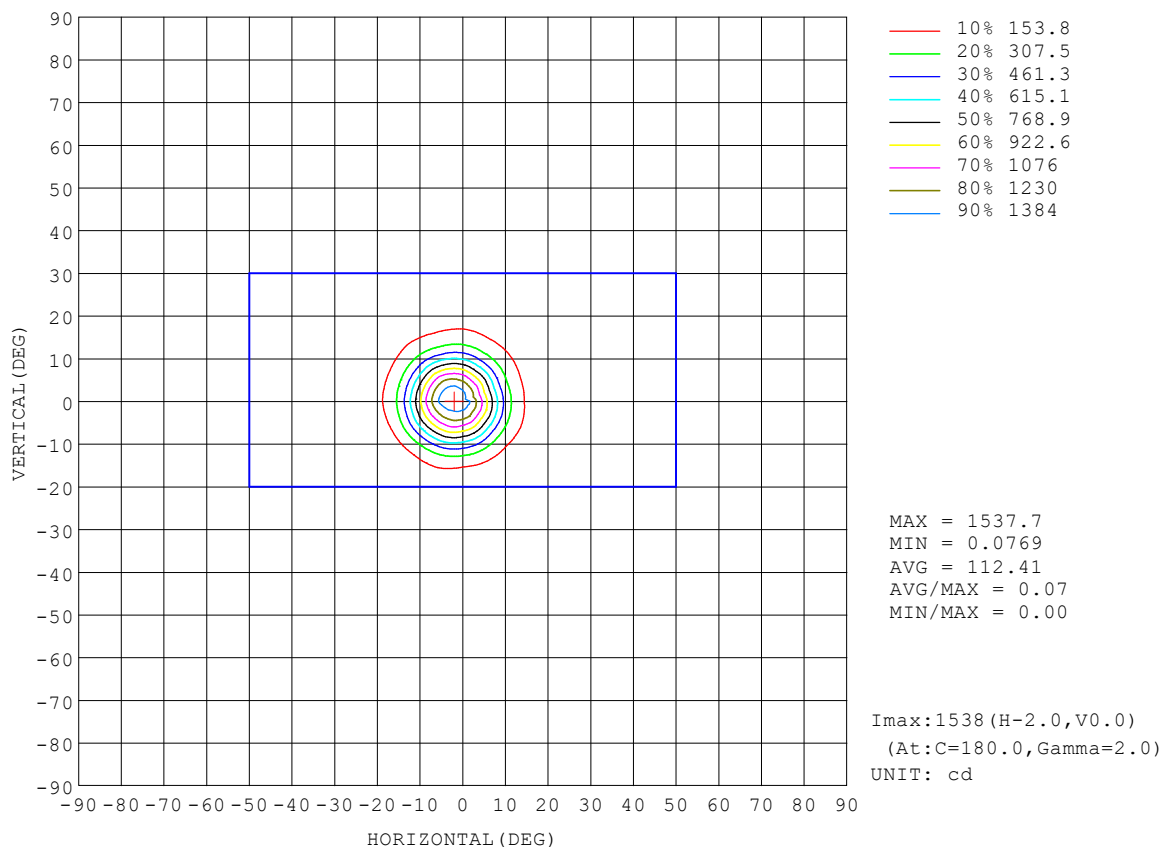
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	91	85	82	90	85	82	89	84	81	78
0.80	98	92	89	97	92	89	96	91	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	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℃
Operators: 001
Test Date: 2025-03-17

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:11.771V I:0.5150A P:6.0617W PF:1.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:177.477x1 lm		
NAME: TR3147 3000K RA97 15D 6W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC lighting	SUR.: 18	Shielding Angle:

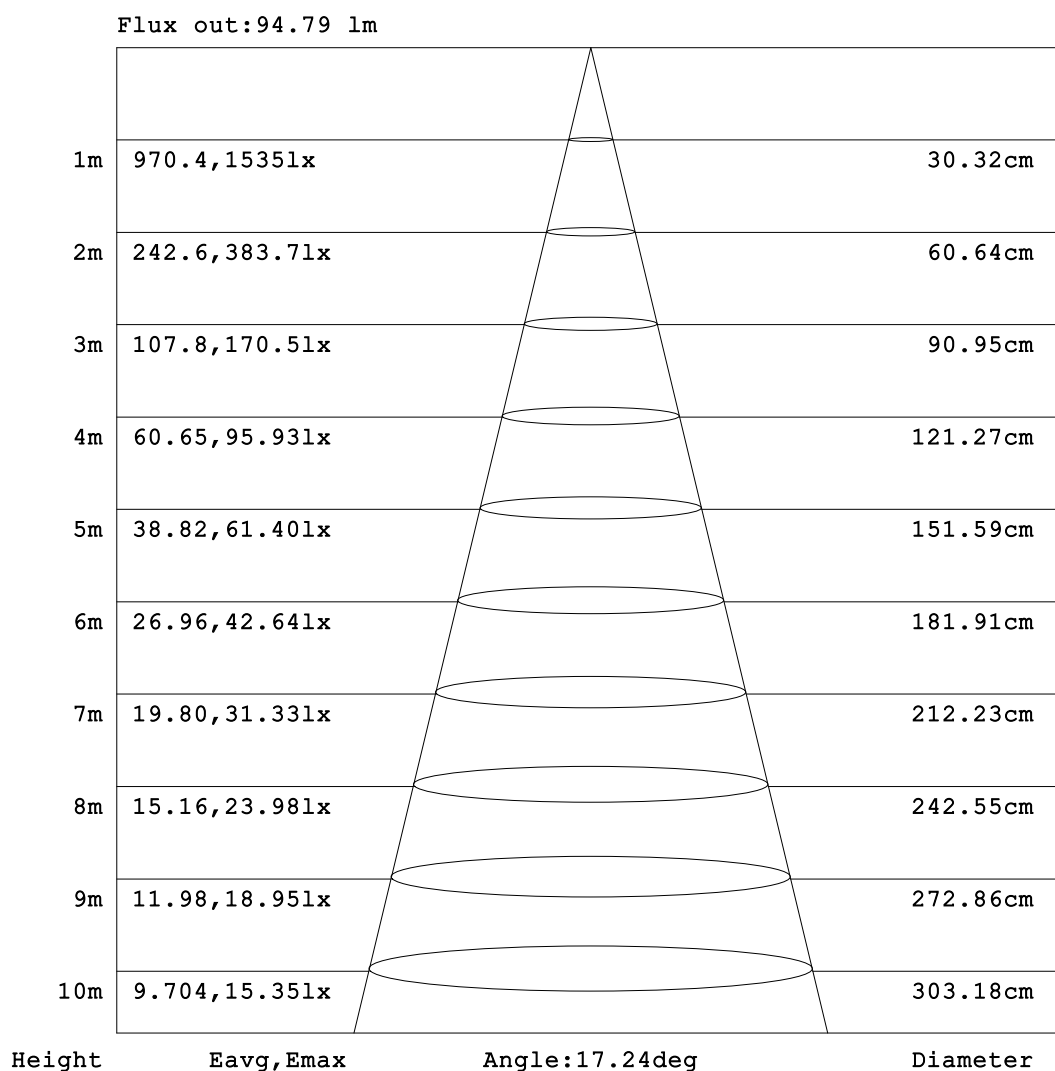


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2025-03-17

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:11.771V I:0.5150A P:6.0617W PF:1.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:177.477x1 lm		
NAME: TR3147 3000K RA97 15D 6W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC lighting	SUR.: 18	Shielding Angle:



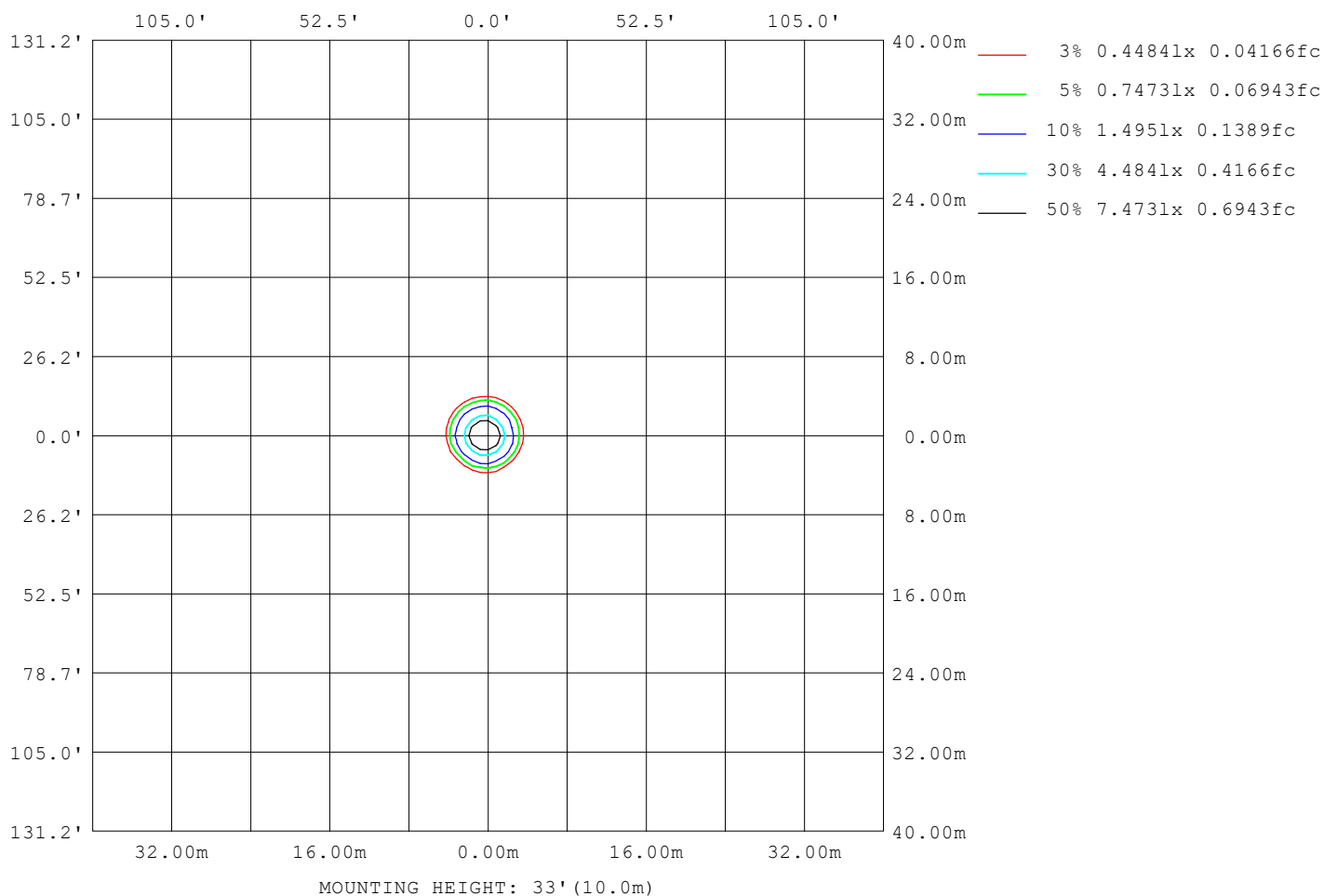
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3℃
Operators: 001
Test Date: 2025-03-17

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:11.771V I:0.5150A P:6.0617W PF:1.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:177.477x1 lm		
NAME: TR3147 3000K RA97 15D 6W	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: 2025-03-17

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:11.771V I:0.5150A P:6.0617W PF:1.0000 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:177.477x1 lm		
NAME: TR3147 3000K RA97 15D 6W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC lighting	SUR.: 18	Shielding Angle:

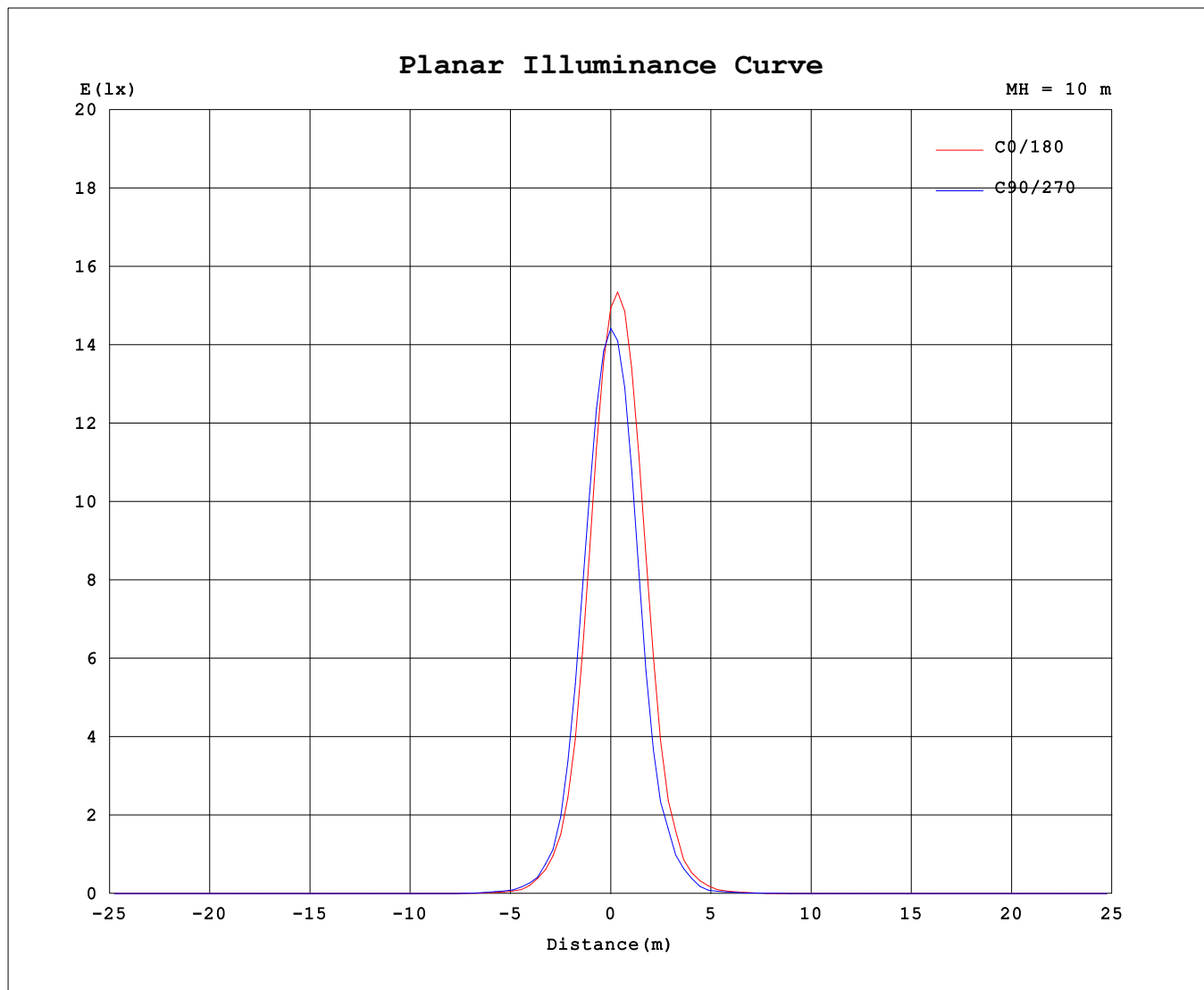
AvgL	cd/m2
L_0~180 (65) av	0
L_0~180 (75) av	0
L_0~180 (85) av	0
L_90~270 (65) av	0
L_90~270 (75) av	0
L_90~270 (85) av	0
L_45 (65) av	8
L_45 (75) av	0
L_45 (85) av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2025-03-17

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: 2025-03-17

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:11.771V I:0.5150A P:6.0617W PF:1.0000 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:177.477x1 lm		
NAME: TR3147 3000K RA97 15D 6W	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	1454	1454	1454	1454	1454	1454	1454	1454	1454	1454	1454	1454	1454	1454	1454	1454			
5	1115	1133	1149	1211	1257	1330	1378	1441	1456	1442	1422	1361	1311	1234	1193	1132			
10	401	422	444	507	564	667	758	872	879	844	803	681	601	509	464	407			
15	161	184	171	196	217	274	329	408	417	390	359	292	259	224	204	175			
20	46.0	45.0	45.3	48.6	51.4	60.4	71.3	92.5	102	106	101	91.1	77.1	67.8	58.7	52.4			
25	13.2	14.7	16.2	20.2	22.9	27.5	30.8	39.7	42.7	45.0	42.2	32.3	25.0	18.4	16.4	14.1			
30	5.05	5.40	5.73	7.83	8.17	11.6	11.4	12.4	10.6	10.3	10.2	7.85	6.94	6.60	5.98	5.33			
35	2.43	2.31	2.32	2.98	3.32	5.64	6.08	6.46	5.38	5.06	5.29	4.13	3.76	3.38	3.05	2.67			
40	1.07	0.97	0.92	1.00	1.06	1.39	1.54	1.71	1.49	1.56	1.80	1.76	1.79	1.56	1.32	1.13			
45	0.76	0.68	0.67	0.67	0.73	0.85	0.97	0.98	0.91	1.03	1.24	1.29	1.34	1.17	0.85	0.78			
50	0.45	0.41	0.40	0.49	0.55	0.57	0.62	0.63	0.62	0.66	0.76	0.94	0.99	0.72	0.53	0.47			
55	0.13	0.10	0.12	0.13	0.31	0.27	0.36	0.50	0.46	0.43	0.39	0.55	0.47	0.19	0.13	0.13			
60	0.03	0.00	0.02	0.00	0.02	0.01	0.05	0.03	0.04	0.07	0.04	0.06	0.02	0.04	0.00	0.03			
65	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.02	0.00	0.01	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	0.09	0.12	0.08	0.08	0.03	0.05	0.00	0.02	0.02	0.00	0.02	0.00	0.03	0.01	0.07	0.06			
135	0.26	0.28	0.24	0.22	0.16	0.15	0.10	0.11	0.09	0.06	0.09	0.08	0.13	0.13	0.20	0.21			
140	0.63	0.65	0.60	0.57	0.49	0.45	0.38	0.37	0.35	0.31	0.35	0.35	0.41	0.45	0.53	0.57			
145	0.86	0.89	0.85	0.82	0.75	0.72	0.64	0.63	0.60	0.56	0.59	0.60	0.67	0.71	0.79	0.82			
150	1.10	1.12	1.08	1.09	1.04	1.03	0.97	0.97	0.96	0.91	0.95	0.94	1.00	1.01	1.07	1.08			
155	1.16	1.17	1.15	1.18	1.15	1.15	1.11	1.13	1.12	1.08	1.11	1.10	1.15	1.14	1.18	1.17			
160	1.17	1.13	1.16	1.16	1.18	1.19	1.17	1.19	1.22	1.20	1.21	1.20	1.23	1.21	1.20	1.20			
165	1.04	1.00	1.03	1.07	1.13	1.13	1.16	1.17	1.21	1.21	1.19	1.21	1.20	1.21	1.11	1.09			
170	0.72	0.70	0.75	0.78	0.87	0.90	0.96	0.98	1.01	1.04	1.00	0.99	0.94	0.93	0.82	0.79			
175	0.54	0.52	0.56	0.58	0.66	0.69	0.77	0.79	0.81	0.84	0.81	0.78	0.72	0.69	0.63	0.61			
180	0.50	0.51	0.53	0.54	0.56	0.55	0.56	0.55	0.52	0.53	0.54	0.55	0.55	0.55	0.56	0.52			

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:001

Test Date:2025-03-17

γ Range: 0 - 180DEG

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Humidity:65.0%

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