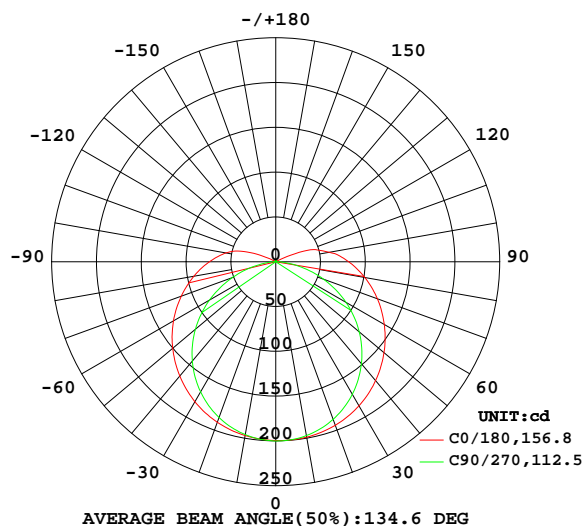


## LUMINAIRE PHOTOMETRIC TEST REPORT

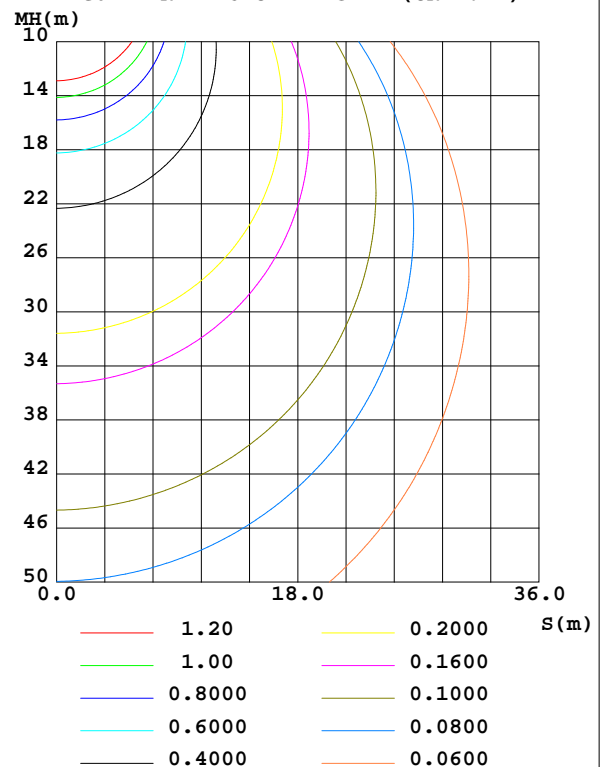
Test:U:23.998V I:0.3989A P:9.5728W PF:1.0000 Freq:60.00Hz Lamp Flux:810.799x1 lm		
NAME: NEAT-24K-96-2.9W-FT-IP40-1M	TYPE:	WEIGHT: 0.5Kg
SPEC.:	DIM.: 1000*8*4(MM)	SERIAL No.: 01
MFR.: Signcomplex	SUR.: 1000*8(MM)	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 84.70 lm/W			
MODEL	SMD 2835/LED	Imax(cd)	200.3	S/MH(C0/180)	1.40
NOMINAL POWER(W)	9.6	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	810.80	$\eta$ UP,DN(C0-180)	4.5,44.9
NOMINAL FLUX(lm)	810.799	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	4.7,45.9
LAMPS INSIDE	1	$\eta$ up(%)	9.2	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	24	$\eta$ down(%)	90.8	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZHANG  
Test Date:2025-1-4

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
Humidity:65.0%  
Test Distance:10.800m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	196.9	196.2	195.9	197.8	198.8	198.2	197.0	197.3	0~ 10	18.96	18.96	2.34,2.34
20	190.7	187.5	185.1	190.4	194.2	191.4	187.2	189.3	10~ 20	54.83	73.80	9.1,9.1
30	180.5	174.0	167.8	178.0	185.8	179.5	170.9	176.5	20~ 30	84.75	158.5	19.6,19.6
40	166.5	156.2	144.9	161.4	173.3	163.0	148.8	159.1	30~ 40	105.5	264.0	32.6,32.6
50	150.2	135.2	117.0	141.3	157.7	143.0	121.7	138.2	40~ 50	115.1	379.2	46.8,46.8
60	131.8	112.8	85.20	119.0	139.9	120.7	90.48	115.8	50~ 60	113.4	492.5	60.7,60.7
70	112.2	89.78	51.14	96.27	120.8	97.65	56.54	92.69	60~ 70	101.5	594.1	73.3,73.3
80	92.73	67.76	18.61	74.19	100.8	75.32	23.19	70.34	70~ 80	82.01	676.1	83.4,83.4
90	74.08	46.44	0.3131	54.59	81.55	55.27	1.794	51.05	80~ 90	60.28	736.4	90.8,90.8
100	56.72	30.17	0.4607	38.28	60.81	39.23	0.5785	31.28	90~100	42.12	778.5	96,96
110	30.06	3.531	0.6328	3.685	37.34	5.680	0.7740	2.816	100~110	23.05	801.5	98.9,98.9
120	2.317	1.079	0.8049	1.008	2.443	1.172	0.9771	1.344	110~120	4.944	806.5	99.5,99.5
130	1.493	1.164	1.0000	1.110	1.399	1.243	1.180	1.399	120~130	1.121	807.6	99.6,99.6
140	1.422	1.274	1.195	1.250	1.438	1.376	1.352	1.477	130~140	1.006	808.6	99.7,99.7
150	1.524	1.430	1.391	1.399	1.501	1.485	1.477	1.563	140~150	0.8853	809.5	99.8,99.8
160	1.571	1.563	1.524	1.532	1.602	1.587	1.602	1.633	150~160	0.7046	810.2	99.9,99.9
170	1.672	1.657	1.633	1.633	1.688	1.673	1.673	1.711	160~170	0.4587	810.6	100,100
180	1.696	1.680	1.672	1.704	1.688	1.680	1.688	1.696	170~180	0.1609	810.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 321.12 lm

%lum = 39.6%

%lamp = 39.6%

Conical surface Flux(120deg): 492.54 lm

%lum = 60.7%

%lamp = 60.7%

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZHANG  
Test Date:2025-1-4

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
Humidity:65.0%  
Test Distance:10.800m [K=1.0000]  
Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:23.998V I:0.3989A P:9.5728W PF:1.0000 Freq:60.00Hz  
Lamp Flux:810.799x1 lm

NAME: NEAT-24K-96-2.9W-FT-IP40-1M

TYPE:

WEIGHT: 0.5Kg

SPEC.:

DIM.: 1000\*8\*4(MM)

SERIAL No.: 01

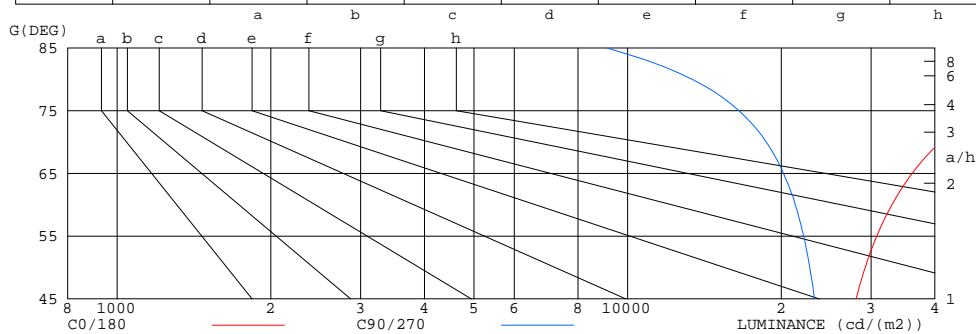
MFR.: Signcomplex

SUR.: 1000\*8(MM)

Shielding Angle:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/(m2)

G (DEG)	C0/180	C90/270
85	119439	9114
80	66753	13395
75	49434	16536
70	40998	18690
65	36099	20208
60	32952	21301
55	30772	22134
50	29202	22751
45	28037	23235

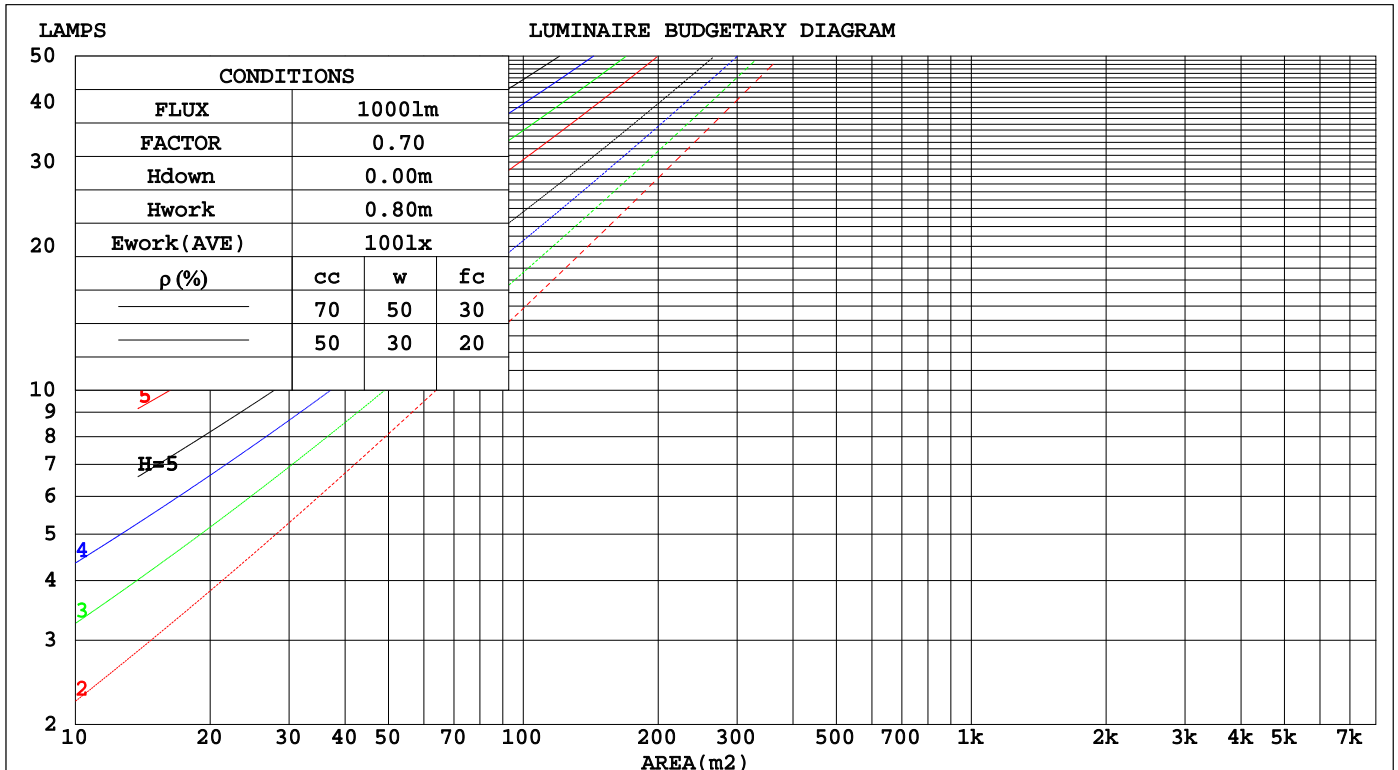
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZHANG  
Test Date: 2025-1-4

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
Humidity: 65.0%  
Test Distance: 10.800m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:23.998V I:0.3989A P:9.5728W PF:1.0000 Freq:60.00Hz Lamp Flux:810.799x1 lm		
NAME: NEAT-24K-96-2.9W-FT-IP40-1M	TYPE:	WEIGHT: 0.5Kg
SPEC.:	DIM.: 1000*8*4(MM)	SERIAL No.: 01
MFR.: Signcomplex	SUR.: 1000*8(MM)	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.17	1.17	1.17	1.13	1.13	1.13	1.06	1.06	1.06	.00	.00	.00	.94	.94	.94	.91
1.0	.98	.92	.87	.94	.89	.85	.88	.84	.81	.83	.79	.76	.78	.75	.73	.70
2.0	.83	.76	.69	.81	.73	.67	.76	.69	.64	.71	.66	.61	.66	.62	.59	.56
3.0	.72	.63	.56	.70	.62	.55	.66	.59	.53	.62	.56	.51	.58	.53	.49	.46
4.0	.64	.54	.47	.62	.53	.46	.58	.50	.44	.54	.48	.43	.51	.46	.41	.38
5.0	.56	.47	.40	.55	.46	.39	.52	.44	.38	.48	.42	.36	.46	.40	.35	.33
6.0	.51	.41	.34	.49	.40	.34	.46	.38	.33	.44	.37	.32	.41	.35	.31	.28
7.0	.46	.36	.30	.44	.36	.30	.42	.34	.29	.40	.33	.28	.38	.32	.27	.25
8.0	.42	.33	.27	.40	.32	.26	.38	.31	.25	.36	.30	.25	.34	.28	.24	.22
9.0	.38	.29	.24	.37	.29	.23	.35	.28	.23	.33	.27	.22	.32	.26	.22	.20
10.0	.35	.27	.21	.34	.26	.21	.32	.25	.21	.31	.25	.20	.29	.24	.20	.18



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZHANG  
Test Date:2025-1-4

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
Humidity:65.0%  
Test Distance:10.800m [K=1.0000]  
Remarks:

## WEC AND CCEC

Test:U:23.998V I:0.3989A P:9.5728W PF:1.0000 Freq:60.00Hz Lamp Flux:810.799x1 lm		
NAME: NEAT-24K-96-2.9W-FT-IP40-1M	TYPE:	WEIGHT: 0.5Kg
SPEC.:	DIM.: 1000*8*4(MM)	SERIAL No.: 01
MFR.: Signcomplex	SUR.: 1000*8(MM)	Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0														
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0														
$\rho_{fc}$	20%			20%			20%			20%			20%			0														
RCR	RCR:Room Cavity Ratio															Wall Exitance Coefficients(WEC)														
0.0																														
1.0	.388	.221	.070	.378	.216	.068	.359	.206	.066	.342	.197	.063	.326	.189	.061															
2.0	.338	.185	.057	.329	.181	.056	.312	.173	.054	.296	.166	.052	.282	.159	.050															
3.0	.300	.160	.048	.292	.157	.047	.277	.150	.046	.263	.144	.044	.250	.138	.043															
4.0	.271	.141	.041	.263	.138	.041	.250	.132	.040	.237	.127	.038	.225	.122	.037															
5.0	.246	.125	.036	.239	.123	.036	.227	.118	.035	.216	.114	.034	.205	.110	.033															
6.0	.225	.113	.032	.220	.111	.032	.208	.107	.031	.198	.103	.030	.188	.099	.029															
7.0	.208	.103	.029	.203	.101	.029	.192	.097	.028	.183	.094	.027	.174	.090	.027															
8.0	.193	.094	.026	.188	.093	.026	.179	.089	.025	.170	.086	.025	.162	.083	.024															
9.0	.180	.087	.024	.175	.085	.024	.167	.082	.023	.159	.080	.023	.151	.077	.022															
10.0	.168	.081	.022	.164	.079	.022	.156	.077	.022	.149	.074	.021	.142	.072	.021															

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio                      Ceiling Cavity Exitance Coefficients(CCEC)															
0.0	.260	.260	.260	.223	.223	.223	.152	.152	.152	.087	.087	.087	.028	.028	.028	
1.0	.256	.226	.199	.219	.194	.171	.150	.133	.118	.086	.077	.069	.028	.025	.022	
2.0	.249	.203	.163	.214	.174	.141	.146	.121	.099	.084	.070	.058	.027	.023	.019	
3.0	.242	.186	.141	.207	.160	.123	.142	.111	.086	.082	.065	.051	.026	.021	.017	
4.0	.234	.173	.127	.201	.150	.110	.138	.104	.078	.080	.061	.046	.026	.020	.015	
5.0	.226	.163	.117	.194	.141	.102	.134	.099	.072	.077	.058	.043	.025	.019	.014	
6.0	.218	.155	.110	.188	.134	.095	.130	.094	.068	.075	.055	.040	.024	.018	.013	
7.0	.211	.148	.104	.182	.129	.091	.126	.090	.064	.073	.053	.038	.024	.017	.013	
8.0	.204	.143	.100	.176	.124	.087	.122	.087	.062	.071	.051	.037	.023	.017	.012	
9.0	.198	.138	.097	.171	.120	.085	.118	.084	.060	.069	.050	.036	.022	.016	.012	
10.0	.192	.134	.095	.166	.116	.083	.115	.082	.059	.067	.048	.035	.022	.016	.012	

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZHANG  
Test Date:2025-1-4

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
Humidity:65.0%  
Test Distance:10.800m [K=1.0000]  
Remarks:

UGR(Unified Glare Rating) Table

Test:U:23.998V I:0.3989A P:9.5728W PF:1.0000 Freq:60.00Hz Lamp Flux:810.799x1 lm											
NAME: NEAT-24K-96-2.9W-FT-IP40-1M					TYPE:			WEIGHT: 0.5Kg			
SPEC.:					DIM.: 1000*8*4(MM)			SERIAL No.: 01			
MFR.: Signcomplex					SUR.: 1000*8(MM)			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	22.2	25.3	23.1	26.1	27.1	20.4	23.4	21.3	24.3	25.2	
	3H	24.8	27.6	25.8	28.6	29.6	21.9	24.7	22.8	25.6	26.6
	4H	26.2	28.9	27.2	29.8	30.8	22.4	25.0	23.3	26.0	27.0
	6H	27.7	30.2	28.7	31.1	32.2	22.6	25.2	23.7	26.1	27.2
	8H	28.4	30.9	29.5	31.9	33.0	22.7	25.1	23.7	26.1	27.2
	12H	29.3	31.7	30.4	32.7	33.8	22.7	25.0	23.7	26.0	27.2
4H 2H	22.4	25.1	23.4	26.1	27.1	21.2	23.9	22.2	24.9	25.9	
	3H	25.4	27.7	26.4	28.7	29.8	23.1	25.4	24.1	26.5	27.6
	4H	26.9	29.1	28.0	30.1	31.3	23.8	26.0	24.9	27.0	28.2
	6H	28.6	30.6	29.8	31.7	32.9	24.3	26.3	25.5	27.4	28.6
	8H	29.5	31.3	30.7	32.5	33.7	24.5	26.3	25.6	27.4	28.6
	12H	30.6	32.2	31.8	33.4	34.7	24.5	26.2	25.7	27.3	28.6
8H 4H	27.1	29.0	28.3	30.1	31.3	24.8	26.7	26.0	27.8	29.0	
	6H	29.1	30.7	30.3	31.9	33.2	25.8	27.3	27.0	28.5	29.8
	8H	30.2	31.6	31.5	32.9	34.2	26.1	27.5	27.4	28.7	30.1
	12H	31.5	32.8	32.8	34.0	35.4	26.4	27.6	27.6	28.9	30.3
12H 4H	27.1	28.8	28.3	30.0	31.2	25.2	26.8	26.4	28.0	29.3	
	6H	29.2	30.6	30.5	31.8	33.2	26.3	27.7	27.6	28.9	30.3
	8H	30.4	31.7	31.7	32.9	34.3	26.9	28.1	28.2	29.4	30.8
CIE190: 2010											

CIE190: 2010  
Area: 0.008 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZHANG  
Test Date:2025-1-4

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
Humidity:65.0%  
Test Distance:10.800m [K=1.0000]  
Remarks:

## UTILIZATION FACTORS TABLE

Test:U:23.998V I:0.3989A P:9.5728W PF:1.0000 Freq:60.00Hz Lamp Flux:810.799x1 lm		
NAME: NEAT-24K-96-2.9W-FT-IP40-1M	TYPE:	WEIGHT: 0.5Kg
SPEC.:	DIM.: 1000*8*4(MM)	SERIAL No.: 01
MFR.: Signcomplex	SUR.: 1000*8(MM)	Shielding Angle:

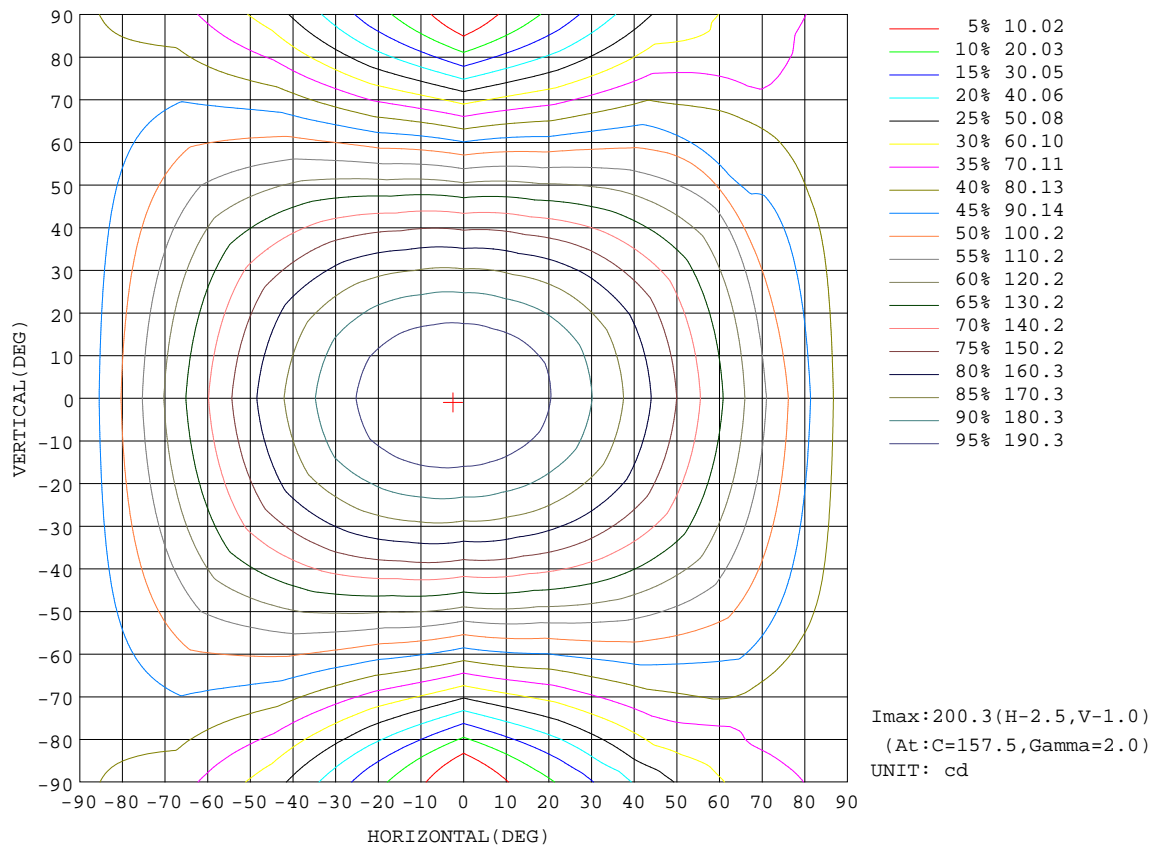
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	50	38	30	49	38	30	48	37	30	23
0.80	60	47	39	58	46	38	56	45	38	30
1.00	67	55	46	66	54	46	63	55	45	37
1.25	74	62	54	73	61	53	69	59	52	43
1.50	79	67	59	77	66	58	73	64	57	48
2.00	87	76	68	84	74	67	80	71	65	55
2.50	91	81	73	88	79	72	83	76	70	59
3.00	95	86	78	92	84	77	87	80	74	63
4.00	99	92	85	96	89	83	91	85	80	68
5.00	102	96	90	99	93	88	93	88	84	72
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:25.3DEG  
Operators:ZHANG  
Test Date:2025-1-4

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
Humidity:65.0%  
Test Distance:10.800m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

Test:U:23.998V I:0.3989A P:9.5728W PF:1.0000 Freq:60.00Hz Lamp Flux:810.799x1 lm		
NAME: NEAT-24K-96-2.9W-FT-IP40-1M	TYPE:	WEIGHT: 0.5Kg
SPEC.:	DIM.: 1000*8*4(MM)	SERIAL No.: 01
MFR.: Signcomplex	SUR.: 1000*8(MM)	Shielding Angle:



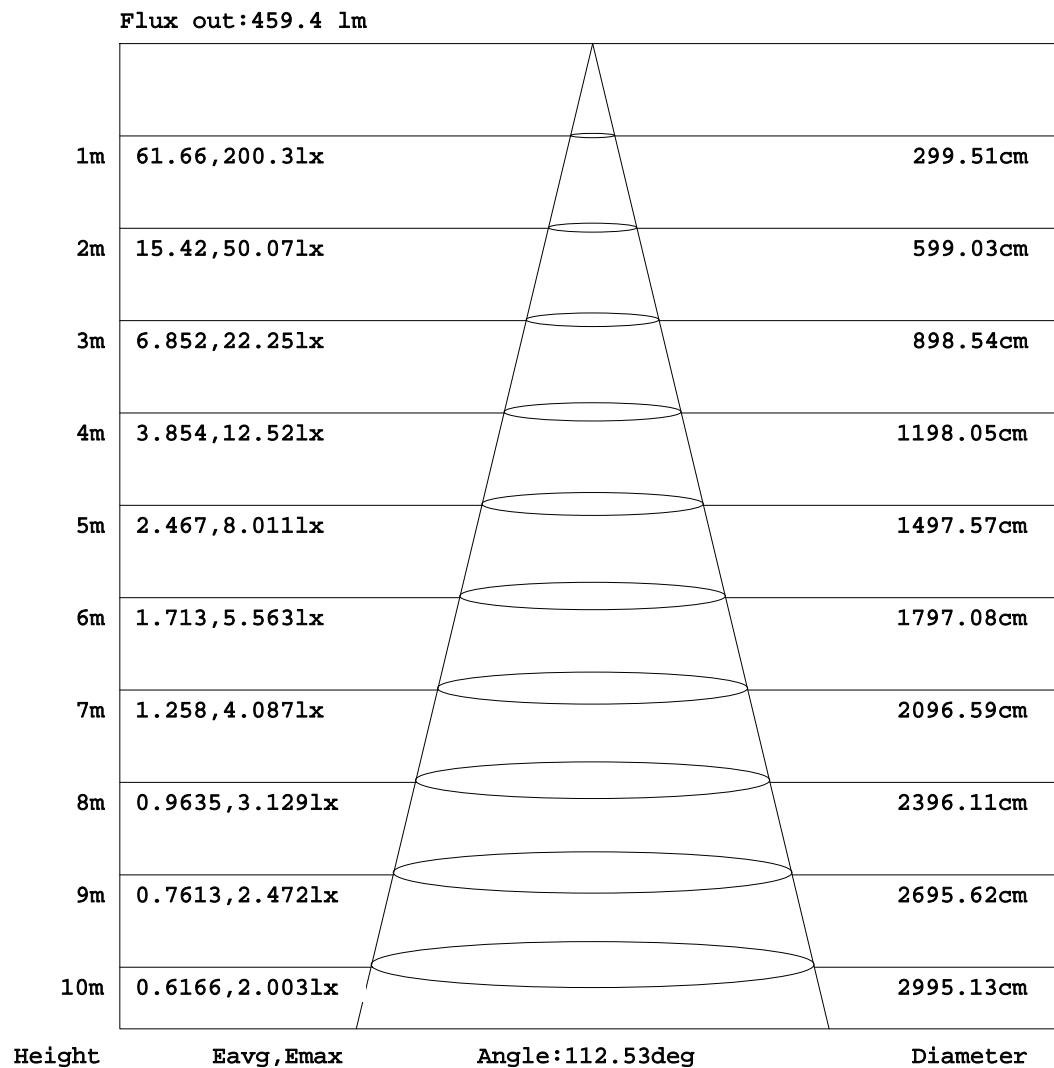
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZHANG  
Test Date:2025-1-4

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
Humidity:65.0%  
Test Distance:10.800m [K=1.0000]  
Remarks:



### AAI Figure

Test:U:23.998V I:0.3989A P:9.5728W PF:1.0000 Freq:60.00Hz Lamp Flux:810.799x1 lm		
NAME: NEAT-24K-96-2.9W-FT-IP40-1M	TYPE:	WEIGHT: 0.5Kg
SPEC.:	DIM.: 1000*8*4(MM)	SERIAL No.: 01
MFR.: Signcomplex	SUR.: 1000*8(MM)	Shielding Angle:



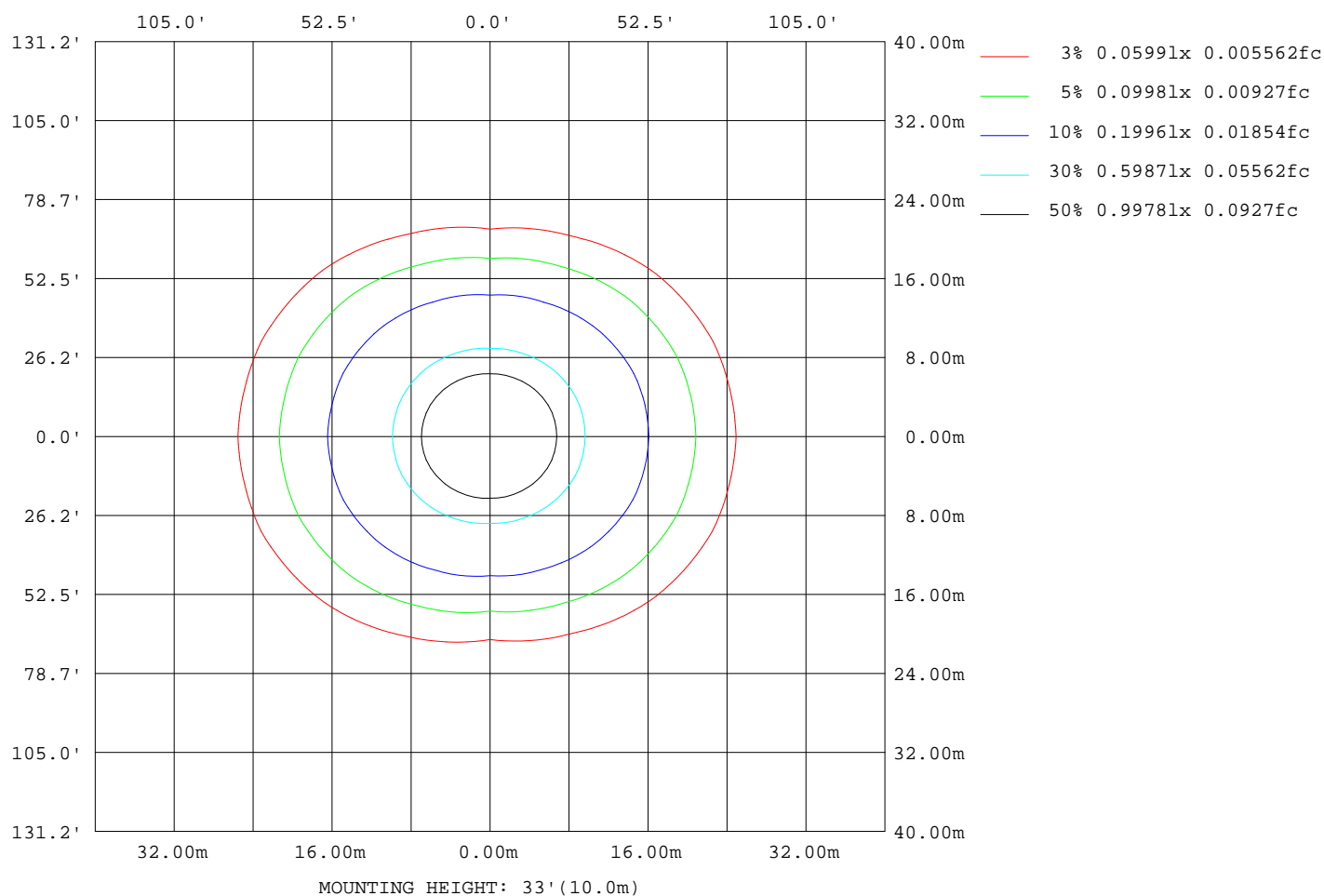
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZHANG  
Test Date:2025-1-4

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
Humidity:65.0%  
Test Distance:10.800m [K=1.0000]  
Remarks:

## ISOLUX DIAGRAM

Test:U:23.998V I:0.3989A P:9.5728W PF:1.0000 Freq:60.00Hz Lamp Flux:810.799x1 lm		
NAME: NEAT-24K-96-2.9W-FT-IP40-1M	TYPE:	WEIGHT: 0.5Kg
SPEC.:	DIM.: 1000*8*4(MM)	SERIAL No.: 01
MFR.: Signcomplex	SUR.: 1000*8(MM)	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZHANG  
Test Date: 2025-1-4

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
Humidity: 65.0%  
Test Distance: 10.800m [K=1.0000]  
Remarks:

## LED Avg.L Report

Test:U:23.998V I:0.3989A P:9.5728W PF:1.0000 Freq:60.00Hz Lamp Flux:810.799x1 lm		
NAME: NEAT-24K-96-2.9W-FT-IP40-1M	TYPE:	WEIGHT: 0.5Kg
SPEC.:	DIM.: 1000*8*4(MM)	SERIAL No.: 01
MFR.: Signcomplex	SUR.: 1000*8(MM)	Shielding Angle:

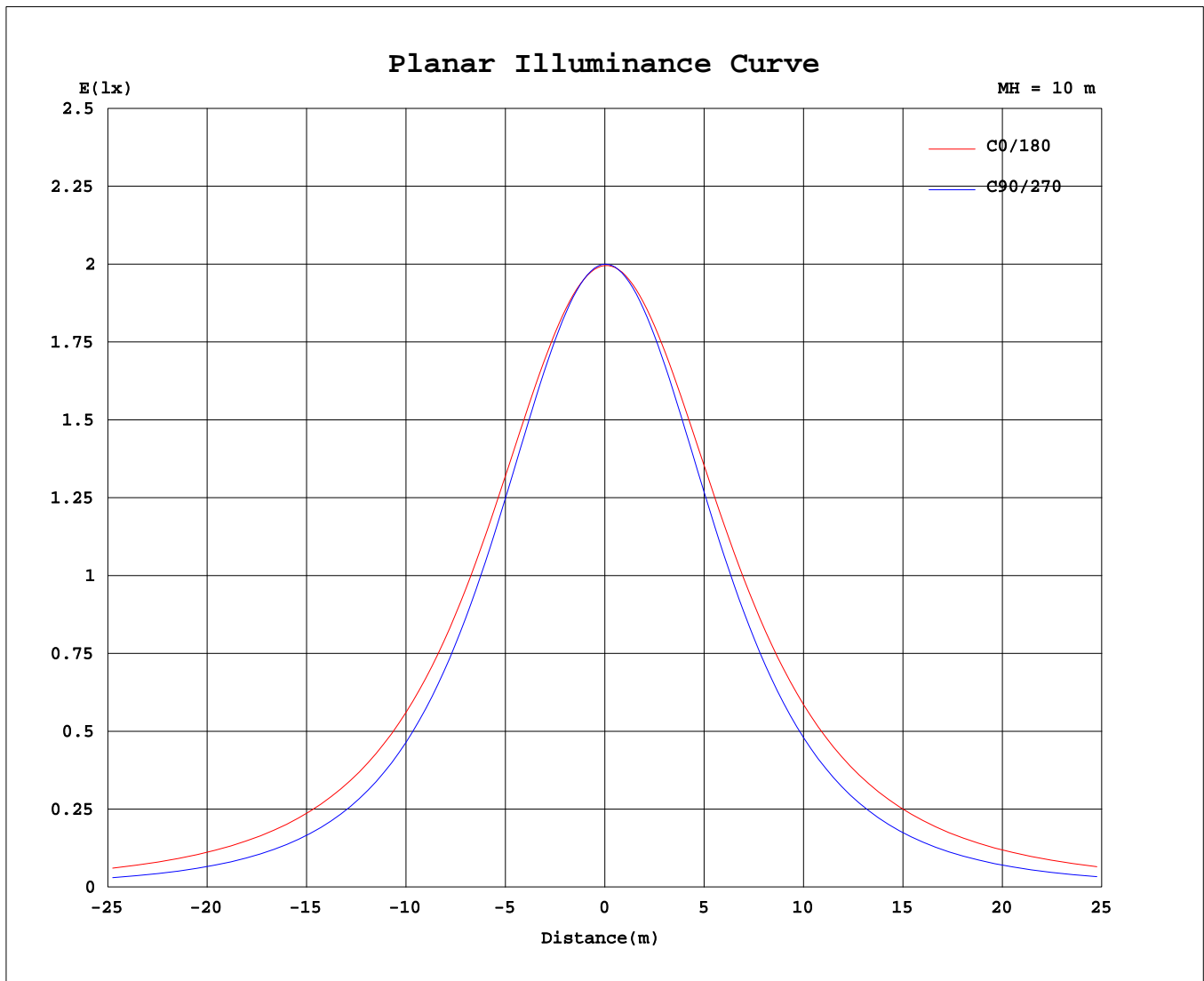
AvgL	cd/m2
L_0~180(65)av	37338
L_0~180(75)av	51480
L_0~180(85)av	124981
L_90~270(65)av	21010
L_90~270(75)av	17788
L_90~270(85)av	11610
L_45(65)av	31233
L_45(75)av	39978
L_45(85)av	88508

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZHANG  
Test Date:2025-1-4

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
Humidity:65.0%  
Test Distance:10.800m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZHANG  
Test Date: 2025-1-4

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
Humidity: 65.0%  
Test Distance: 10.800m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:23.998V I:0.3989A P:9.5728W PF:1.0000 Freq:60.00Hz Lamp Flux:810.799x1 lm																	
NAME: NEAT-24K-96-2.9W-FT-IP40-1M									TYPE:						WEIGHT: 0.5Kg		
SPEC.:									DIM.: 1000*8*4(MM)						SERIAL No.: 01		
MFR.: Signcomplex									SUR.: 1000*8(MM)						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	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200			
5	199	199	199	199	199	199	200	200	200	200	200	199	199	199	199	199			
10	197	197	196	196	196	197	198	199	199	199	198	197	197	197	197	198			
15	194	194	192	192	191	193	195	197	197	197	195	194	193	193	194	195			
20	191	190	188	186	185	187	190	194	194	194	191	189	187	187	189	191			
25	186	185	181	178	177	180	185	189	190	189	186	182	180	180	183	186			
30	180	179	174	170	168	172	178	184	186	184	180	174	171	172	176	180			
35	174	172	166	160	157	162	170	178	180	178	172	164	161	162	168	173			
40	167	164	156	148	145	151	161	170	173	171	163	154	149	152	159	165			
45	159	155	146	136	131	139	152	162	166	162	153	142	136	140	149	157			
50	150	146	135	123	117	126	141	154	158	154	143	129	122	127	138	148			
55	141	137	124	110	102	113	130	144	149	144	132	116	107	113	127	138			
60	132	127	113	95.4	85.2	99.0	119	135	140	135	121	102	90.5	99.4	116	128			
65	122	117	101	81.0	68.3	84.9	108	125	130	125	109	87.6	73.7	85.1	104	118			
70	112	106	89.8	66.9	51.1	70.9	96.3	115	121	115	97.6	73.4	56.5	71.0	92.7	105			
75	102	96.3	78.4	53.7	34.2	57.5	85.1	104	111	104	86.4	59.8	39.4	57.5	81.2	86.4			
80	92.7	86.3	67.8	41.2	18.6	45.1	74.2	94.2	101	93.9	75.3	46.9	23.2	44.7	70.3	80.3			
85	83.3	71.4	57.9	30.2	6.35	34.0	63.9	84.2	91.0	84.0	64.8	35.4	9.84	33.4	60.3	66.2			
90	74.1	65.4	46.4	21.1	0.31	25.1	54.6	74.8	81.6	74.6	55.3	26.1	1.79	24.5	51.1	64.9			
95	65.3	56.7	39.1	14.7	0.38	18.5	46.5	66.0	72.2	65.7	47.0	19.3	0.50	17.6	32.9	57.9			
100	56.7	48.1	30.2	2.47	0.46	4.21	38.3	57.6	60.8	57.4	39.2	7.21	0.58	4.04	31.3	47.3			
105	46.5	36.7	16.1	0.74	0.55	0.71	22.4	48.0	50.1	48.2	27.4	0.78	0.69	0.98	15.9	38.6			
110	30.1	21.7	3.53	0.77	0.63	0.69	3.69	28.7	37.3	30.8	5.68	0.82	0.77	0.94	2.82	21.6			
115	12.2	6.65	1.14	0.81	0.74	0.74	1.25	6.69	14.0	7.47	1.31	0.89	0.88	1.02	1.30	6.99			
120	2.32	1.34	1.08	0.88	0.80	0.83	1.01	1.70	2.44	1.81	1.17	0.99	0.98	1.09	1.34	1.74			
125	1.64	1.34	1.11	0.96	0.91	0.91	1.05	1.20	1.57	1.36	1.21	1.11	1.08	1.18	1.36	1.66			
130	1.49	1.31	1.16	1.07	1.00	1.01	1.11	1.21	1.40	1.37	1.24	1.20	1.18	1.27	1.40	1.63			
135	1.41	1.32	1.21	1.13	1.09	1.12	1.17	1.27	1.42	1.39	1.31	1.27	1.27	1.33	1.43	1.61			
140	1.42	1.37	1.27	1.23	1.20	1.20	1.25	1.31	1.44	1.41	1.38	1.34	1.35	1.41	1.48	1.61			
145	1.48	1.40	1.35	1.31	1.27	1.29	1.32	1.38	1.44	1.45	1.42	1.41	1.43	1.48	1.52	1.61			
150	1.52	1.45	1.43	1.38	1.39	1.37	1.40	1.45	1.50	1.49	1.49	1.47	1.48	1.52	1.56	1.62			
155	1.53	1.52	1.50	1.47	1.46	1.45	1.47	1.50	1.55	1.54	1.54	1.52	1.55	1.59	1.60	1.63			
160	1.57	1.58	1.56	1.52	1.52	1.53	1.53	1.56	1.60	1.57	1.59	1.59	1.60	1.63	1.63	1.64			
165	1.63	1.61	1.60	1.60	1.61	1.57	1.61	1.61	1.64	1.62	1.62	1.63	1.63	1.66	1.66	1.69			
170	1.67	1.66	1.66	1.64	1.63	1.65	1.63	1.65	1.69	1.65	1.67	1.67	1.67	1.70	1.71	1.71			
175	1.69	1.69	1.67	1.66	1.67	1.66	1.69	1.68	1.70	1.70	1.70	1.70	1.71	1.73	1.71	1.72			
180	1.70	1.68	1.68	1.68	1.67	1.69	1.70	1.68	1.69	1.67	1.68	1.69	1.69	1.70	1.70	1.66			

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:ZHANG

Test Date:2025-1-4

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.454

Humidity:65.0%

Test Distance:10.800m [K=1.0000]

Remarks: