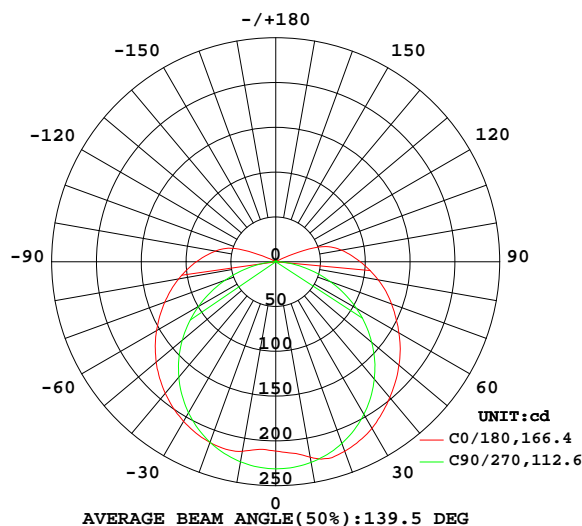


LUMINAIRE PHOTOMETRIC TEST REPORT

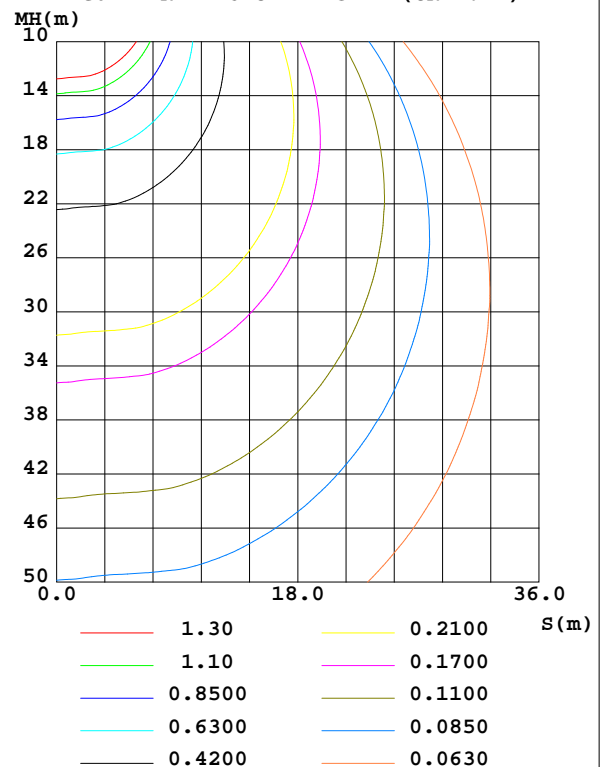
Test:U:23.998V I:0.3993A P:9.5824W PF:1.0000 Freq:60.00Hz Lamp Flux:941.649x1 lm		
NAME: NEAT-40K-96-2.9W-FT-IP40-1M	TYPE:	WEIGHT: 0.5Kg
SPEC.:	DIM.: 1000*8*4(MM)	SERIAL No.: 01
MFR.: Signcomplex	SUR.: 1000*8(MM)	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 98.27 lm/W			
MODEL	SMD 2835/LED	Imax(cd)	231.4	S/MH(C0/180)	1.49
NOMINAL POWER(W)	9.6	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	941.65	η UP,DN(C0-180)	4.5,45.0
NOMINAL FLUX(lm)	941.649	CIE CLASS	DIRECT	η UP,DN(C180-360)	4.8,45.7
LAMPS INSIDE	1	η up(%)	9.3	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	24	η down(%)	90.7	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

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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	214.7	227.4	226.7	228.7	221.5	228.9	227.3	228.0	0- 10	21.73	21.73	2.31,2.31
20	214.7	218.1	214.4	220.2	225.1	220.9	215.7	219.1	10- 20	63.26	84.99	9.03,9.03
30	205.7	203.2	194.7	206.2	214.7	207.2	196.7	204.6	20- 30	98.03	183.0	19.4,19.4
40	191.7	183.4	168.3	186.9	198.0	188.2	171.2	184.9	30- 40	122.2	305.2	32.4,32.4
50	174.2	159.8	136.2	160.7	179.5	165.0	139.8	161.3	40- 50	133.3	438.5	46.6,46.6
60	153.6	134.0	99.37	135.3	158.7	138.8	104.0	135.7	50- 60	131.4	569.9	60.5,60.5
70	131.7	107.4	59.97	109.1	137.4	111.5	64.87	108.9	60- 70	117.7	687.6	73,73
80	110.0	82.21	22.26	83.69	116.0	86.10	26.72	83.37	70- 80	95.85	783.4	83.2,83.2
90	88.61	58.39	0.6733	62.37	94.43	64.51	2.205	58.54	80- 90	70.55	854.0	90.7,90.7
100	68.71	31.76	0.6642	44.40	74.72	46.24	0.6882	35.66	90-100	49.56	903.5	96,96
110	37.88	3.229	0.8127	4.564	45.63	6.487	0.9067	5.661	100-110	27.28	930.8	98.8,98.8
120	2.877	1.258	1.000	1.211	3.298	1.485	1.149	1.563	110-120	5.699	936.5	99.5,99.5
130	1.853	1.352	1.227	1.320	1.789	1.548	1.376	1.626	120-130	1.343	937.8	99.6,99.6
140	1.805	1.508	1.422	1.453	1.711	1.657	1.602	1.727	130-140	1.198	939.0	99.7,99.7
150	1.922	1.696	1.633	1.649	1.751	1.774	1.767	1.829	140-150	1.050	940.1	99.8,99.8
160	1.821	1.868	1.805	1.813	1.774	1.884	1.899	1.923	150-160	0.8346	940.9	99.9,99.9
170	1.938	1.962	1.946	1.961	1.876	1.970	1.977	2.024	160-170	0.5411	941.5	100,100
180	1.915	1.985	2.001	2.009	1.938	2.009	1.985	1.993	170-180	0.1897	941.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 371.29 lm

%lum = 39.4%

%lamp = 39.4%

Conical surface Flux(120deg): 569.89 lm

%lum = 60.5%

%lamp = 60.5%

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:

LUMINANCE LIMITATION CURVES

Test:U:23.998V I:0.3993A P:9.5824W PF:1.0000 Freq:60.00Hz

Lamp Flux:941.649x1 lm

NAME: NEAT-40K-96-2.9W-FT-IP40-1M

TYPE:

WEIGHT: 0.5Kg

SPEC.:

DIM.: 1000*8*4(MM)

SERIAL No.: 01

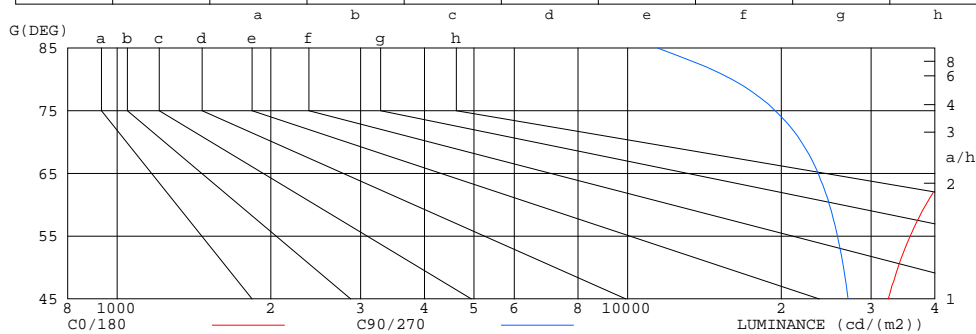
MFR.: Signcomplex

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	142230	11440
80	79216	16020
75	58339	19468
70	48139	21917
65	42237	23639
60	38407	24843
55	35780	25778
50	33873	26495
45	32414	27028

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%

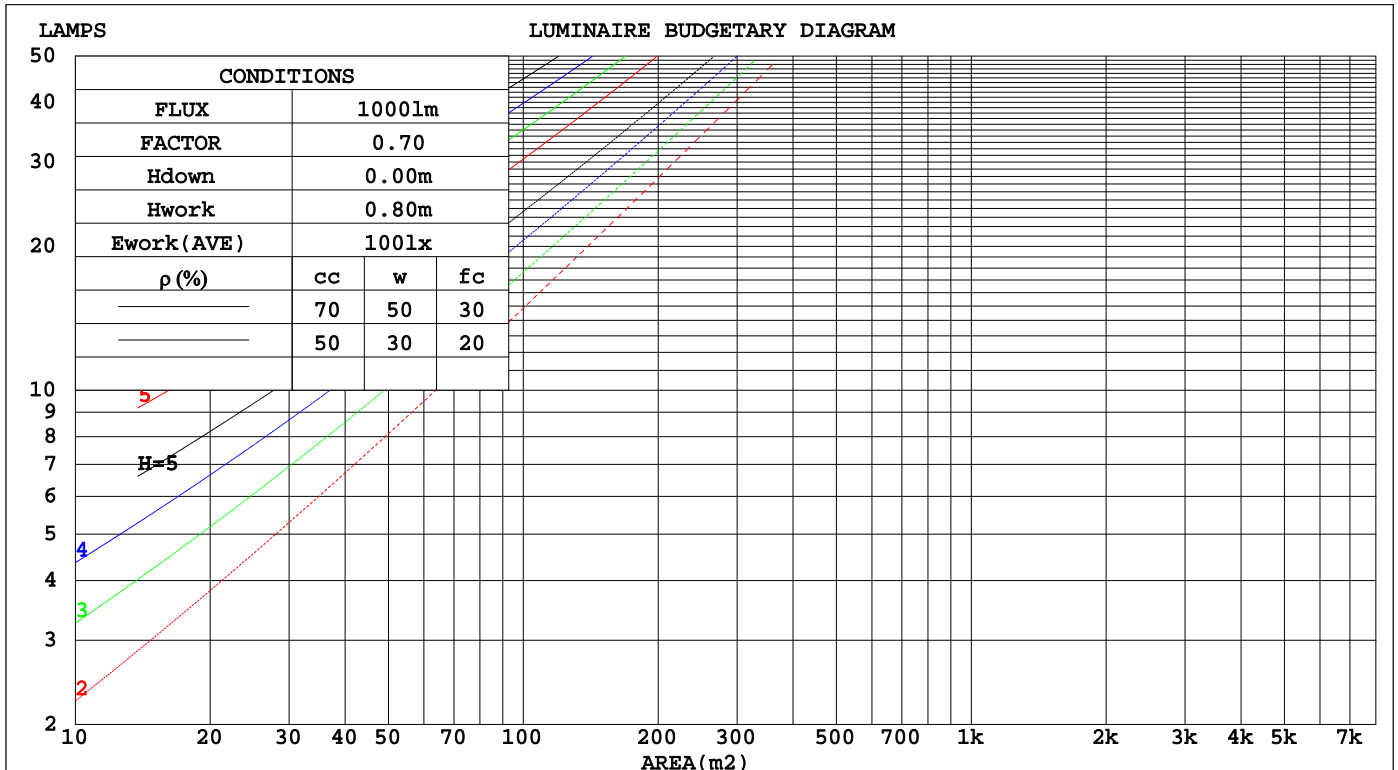
Test Distance:10.800m [K=1.0000]

Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:23.998V I:0.3993A P:9.5824W PF:1.0000 Freq:60.00Hz Lamp Flux:941.649x1 lm		
NAME: NEAT-40K-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	.99	.99	.99	.93	.93	.93	.91
1.0	.98	.92	.87	.94	.89	.85	.88	.84	.80	.83	.79	.76	.77	.75	.72	.70
2.0	.83	.75	.69	.81	.73	.67	.75	.69	.64	.71	.66	.61	.66	.62	.58	.56
3.0	.72	.63	.56	.70	.62	.55	.66	.58	.53	.61	.55	.50	.58	.53	.48	.46
4.0	.63	.54	.47	.61	.53	.46	.58	.50	.44	.54	.48	.42	.51	.45	.41	.38
5.0	.56	.47	.40	.55	.46	.39	.51	.44	.38	.48	.42	.36	.46	.40	.35	.33
6.0	.50	.41	.34	.49	.40	.34	.46	.38	.33	.44	.37	.32	.41	.35	.31	.28
7.0	.46	.36	.30	.44	.36	.29	.42	.34	.29	.40	.33	.28	.37	.31	.27	.25
8.0	.41	.33	.26	.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	.21	.20
10.0	.35	.27	.21	.34	.26	.21	.32	.25	.20	.31	.24	.20	.29	.24	.19	.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:0.3993A P:9.5824W PF:1.0000 Freq:60.00Hz Lamp Flux:941.649x1 lm		
NAME: NEAT-40K-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:

ρ_{cc}	80%			70%			50%			30%			10%			0														
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0														
ρ_{fc}	20%			20%			20%			20%			20%			0														
RCR	RCR:Room Cavity Ratio															Wall Exitance Coefficients(WEC)														
0.0																														
1.0	.389	.221	.070	.379	.216	.069	.360	.207	.066	.343	.198	.063	.327	.189	.061															
2.0	.338	.185	.057	.329	.181	.056	.312	.174	.054	.296	.166	.052	.282	.159	.050															
3.0	.301	.160	.048	.293	.157	.047	.277	.150	.046	.263	.144	.044	.250	.138	.043															
4.0	.271	.141	.041	.264	.138	.041	.250	.132	.040	.237	.127	.038	.225	.122	.037															
5.0	.246	.125	.036	.240	.123	.036	.227	.118	.035	.216	.114	.034	.205	.110	.033															
6.0	.226	.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	.026	.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															

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Ceiling Cavity Exitance Coefficients(CCEC)															
0.0	.261	.261	.261	.223	.223	.223	.153	.153	.153	.088	.088	.088	.028	.028	.028	
1.0	.257	.227	.200	.220	.195	.172	.151	.134	.119	.087	.078	.069	.028	.025	.022	
2.0	.250	.204	.164	.215	.175	.142	.147	.121	.099	.085	.071	.058	.027	.023	.019	
3.0	.243	.187	.142	.208	.161	.123	.143	.112	.087	.083	.065	.051	.027	.021	.017	
4.0	.235	.174	.128	.202	.151	.111	.139	.105	.078	.080	.061	.046	.026	.020	.015	
5.0	.227	.164	.118	.195	.142	.102	.134	.099	.072	.078	.058	.043	.025	.019	.014	
6.0	.219	.156	.111	.189	.135	.096	.130	.095	.068	.076	.056	.041	.024	.018	.013	
7.0	.212	.149	.105	.183	.129	.092	.126	.091	.065	.073	.053	.039	.024	.018	.013	
8.0	.205	.144	.101	.177	.125	.088	.122	.088	.063	.071	.052	.037	.023	.017	.012	
9.0	.199	.139	.098	.171	.120	.086	.119	.085	.061	.069	.050	.036	.022	.016	.012	
10.0	.193	.135	.096	.166	.117	.083	.115	.082	.059	.067	.049	.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

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ 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:0.3993A P:9.5824W PF:1.0000 Freq:60.00Hz Lamp Flux:941.649x1 lm										
NAME: NEAT-40K-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	22.9	25.9	23.8	26.8	27.7	20.9	23.9	21.8	24.8	25.7
3H	25.5	28.3	26.4	29.2	30.2	22.3	25.2	23.3	26.1	27.1
4H	26.9	29.5	27.8	30.5	31.5	22.8	25.5	23.8	26.5	27.5
6H	28.3	30.8	29.3	31.8	32.9	23.1	25.6	24.1	26.6	27.7
8H	29.1	31.5	30.1	32.5	33.6	23.2	25.6	24.2	26.6	27.7
12H	30.0	32.3	31.1	33.4	34.5	23.2	25.5	24.2	26.5	27.7
4H 2H	23.1	25.8	24.1	26.7	27.8	21.7	24.4	22.7	25.3	26.4
3H	26.0	28.4	27.1	29.4	30.5	23.5	25.9	24.6	26.9	28.0
4H	27.6	29.8	28.7	30.8	32.0	24.3	26.4	25.3	27.5	28.6
6H	29.3	31.2	30.4	32.3	33.6	24.8	26.7	25.9	27.8	29.0
8H	30.2	32.0	31.3	33.1	34.4	24.9	26.7	26.0	27.8	29.1
12H	31.3	32.9	32.5	34.1	35.4	24.9	26.6	26.1	27.8	29.1
8H 4H	27.8	29.7	29.0	30.8	32.0	25.2	27.0	26.4	28.2	29.4
6H	29.8	31.3	31.0	32.5	33.8	26.1	27.7	27.3	28.9	30.2
8H	30.9	32.3	32.2	33.5	34.9	26.5	27.9	27.7	29.1	30.5
12H	32.3	33.5	33.5	34.8	36.2	26.8	28.0	28.0	29.2	30.7
12H 4H	27.8	29.5	29.0	30.7	32.0	25.6	27.2	26.7	28.4	29.7
6H	29.9	31.3	31.1	32.5	33.9	26.7	28.1	27.9	29.3	30.7
8H	31.1	32.4	32.4	33.6	35.0	27.3	28.5	28.5	29.7	31.2
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:0.3993A P:9.5824W PF:1.0000 Freq:60.00Hz Lamp Flux:941.649x1 lm		
NAME: NEAT-40K-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:

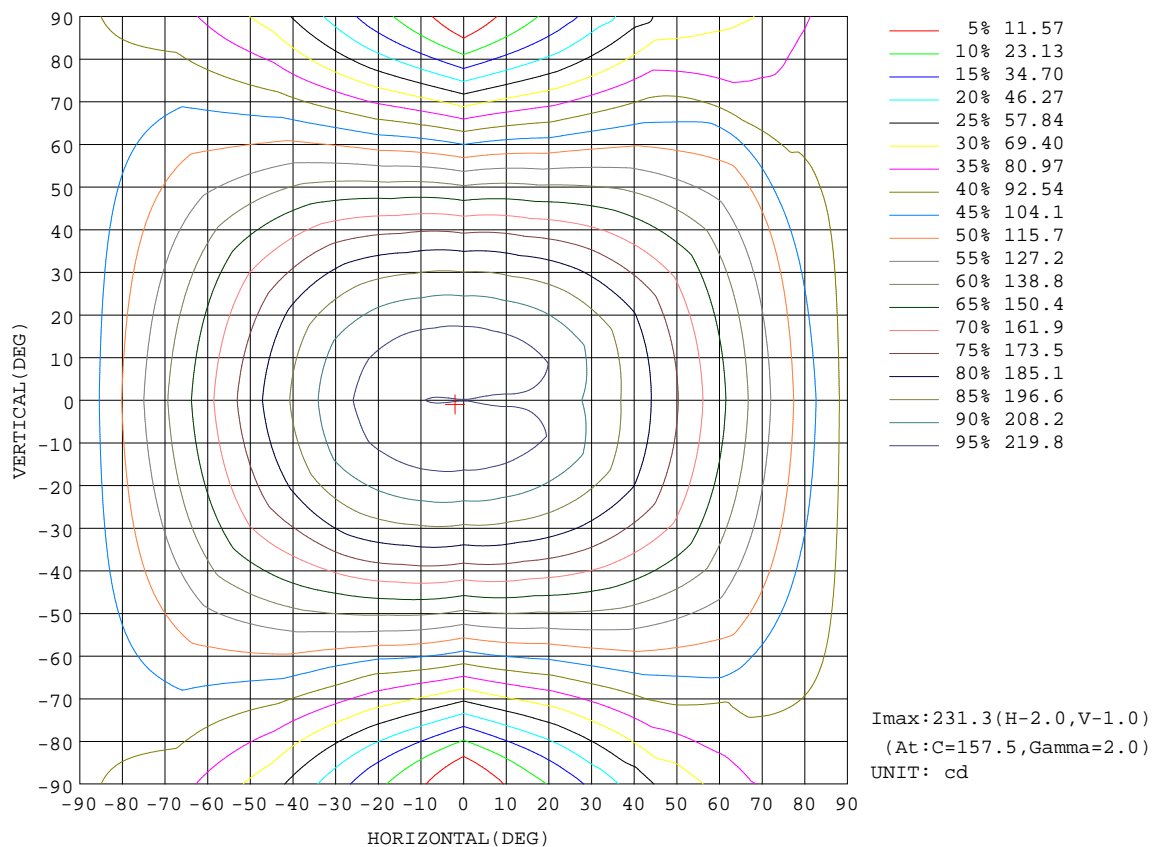
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	50	38	30	49	37	30	48	37	30	23
0.80	59	47	38	58	46	38	56	45	38	30
1.00	67	55	46	66	54	46	63	55	45	37
1.25	74	62	53	72	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	86	80	74	63
4.00	99	92	85	96	89	83	91	85	80	68
5.00	102	95	90	99	93	88	93	88	84	71
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:0.3993A P:9.5824W PF:1.0000 Freq:60.00Hz Lamp Flux:941.649x1 lm		
NAME: NEAT-40K-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:



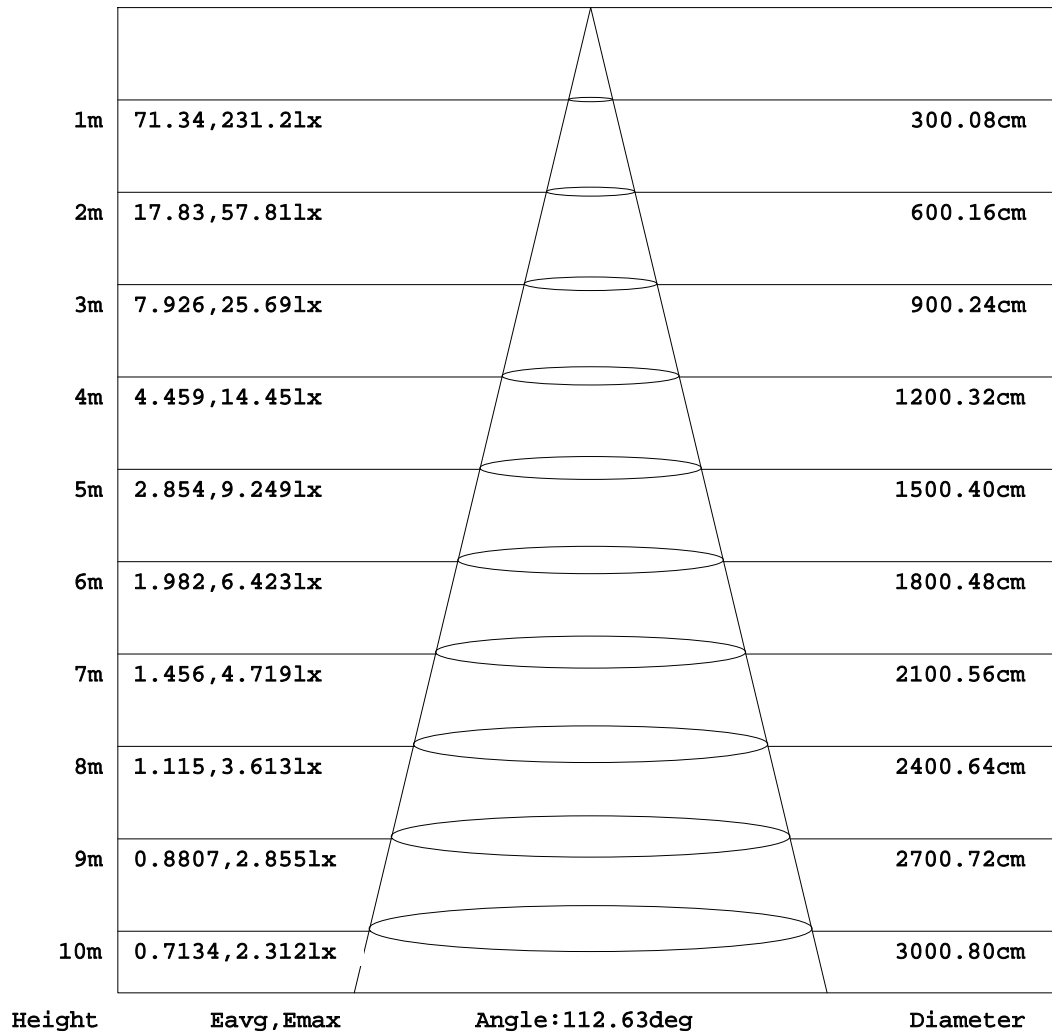
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZHANG
Test Date:2025-1-4

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:

AAI Figure

Test:U:23.998V I:0.3993A P:9.5824W PF:1.0000 Freq:60.00Hz Lamp Flux:941.649x1 lm		
NAME: NEAT-40K-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:

Flux out:531.4 lm



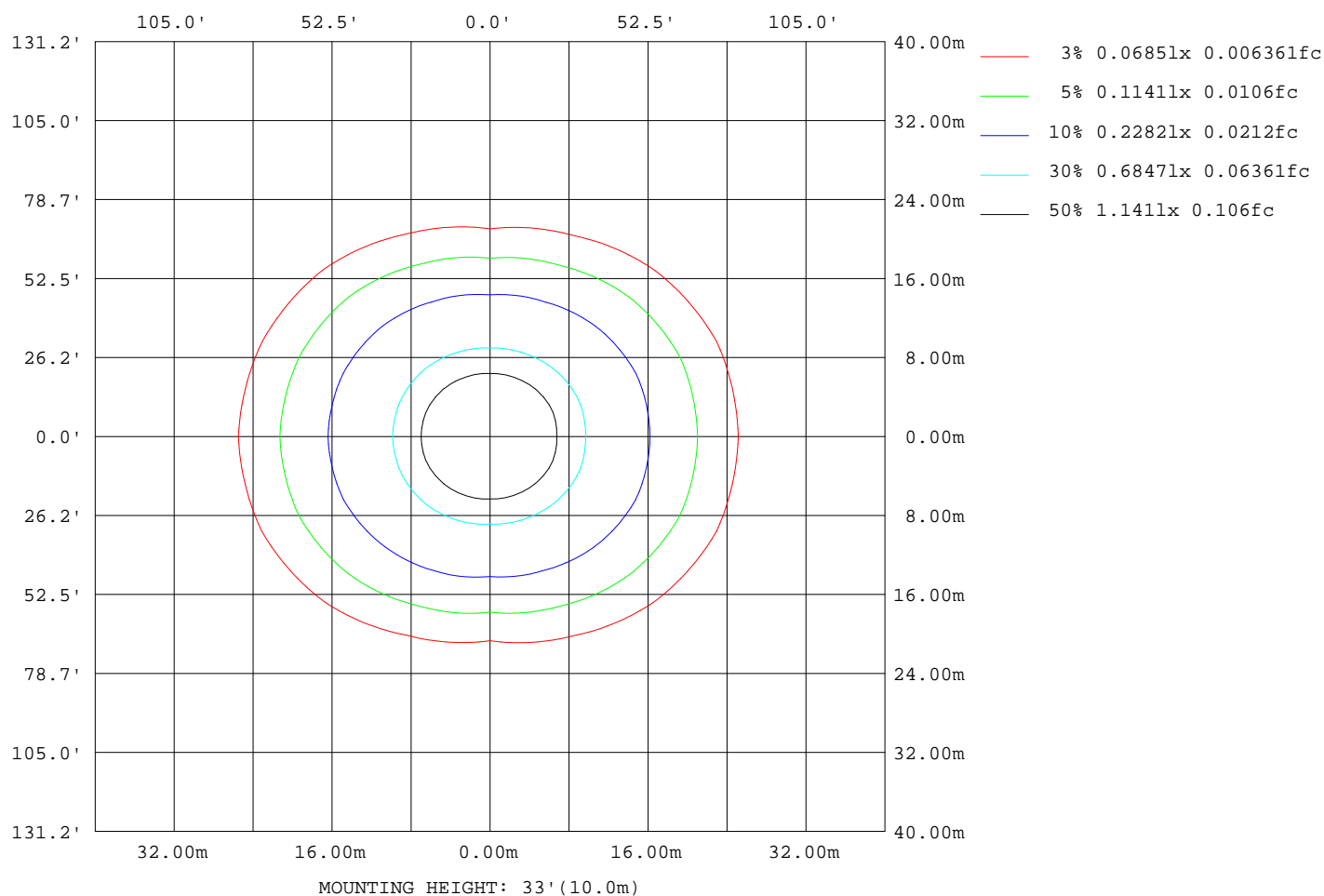
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.3993A P:9.5824W PF:1.0000 Freq:60.00Hz Lamp Flux:941.649x1 lm		
NAME: NEAT-40K-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

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:

LED Avg.L Report

Test:U:23.998V I:0.3993A P:9.5824W PF:1.0000 Freq:60.00Hz Lamp Flux:941.649x1 lm		
NAME: NEAT-40K-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:

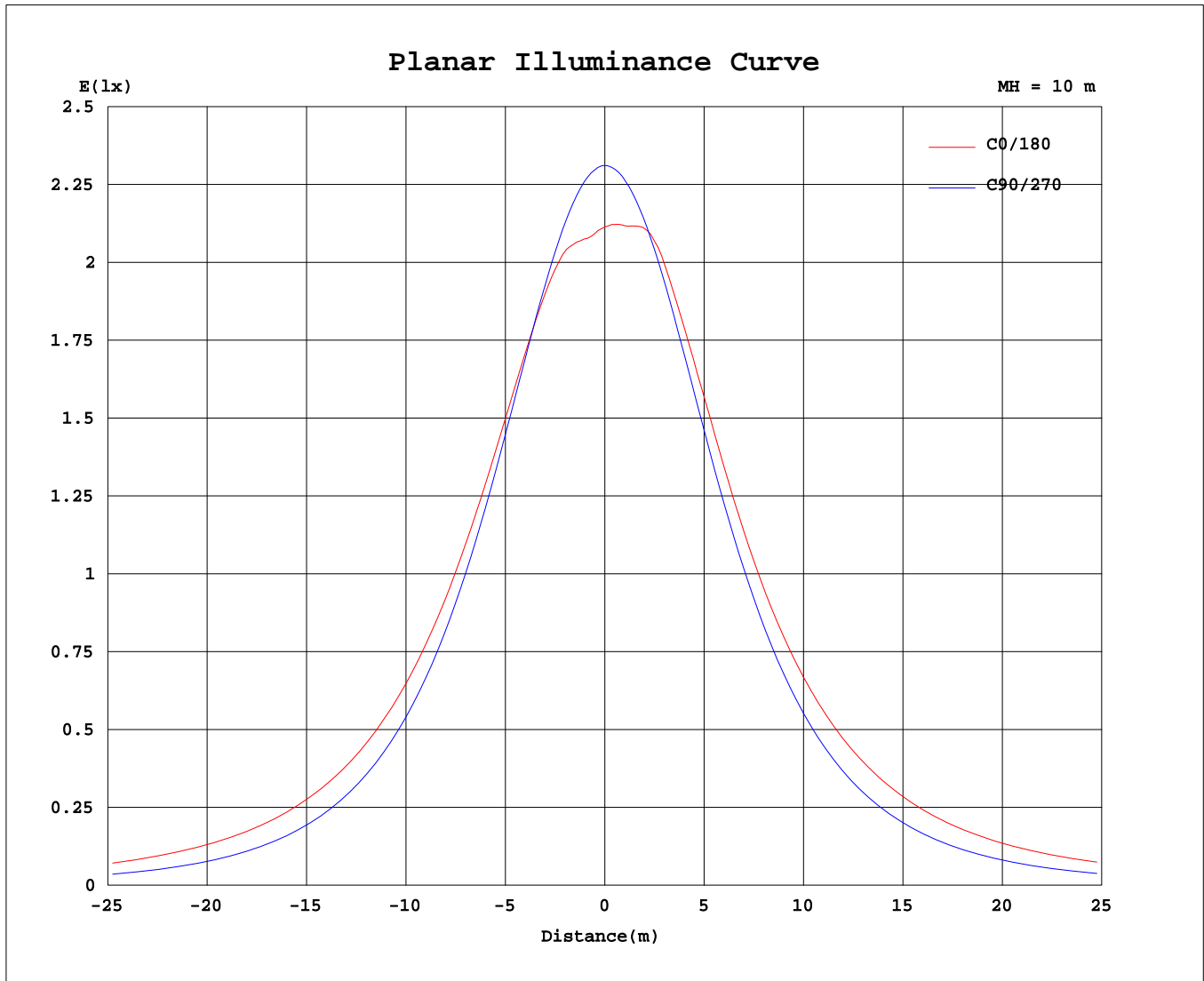
AvgL	cd/m2
L_0~180(65)av	42998
L_0~180(75)av	59886
L_0~180(85)av	146461
L_90~270(65)av	24324
L_90~270(75)av	20674
L_90~270(85)av	13898
L_45(65)av	36271
L_45(75)av	46429
L_45(85)av	104119

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

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:23.998V I:0.3993A P:9.5824W PF:1.0000 Freq:60.00Hz Lamp Flux:941.649x1 lm																	
NAME: NEAT-40K-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	211	231	231	231	231	231	231	231	211	231	231	231	231	231	231	231			
5	210	230	230	230	230	230	231	231	214	231	231	230	230	230	230	230			
10	215	228	227	227	227	228	229	230	221	230	229	228	227	227	228	229			
15	217	225	223	222	222	223	225	227	227	227	226	224	223	223	224	226			
20	215	221	218	215	214	217	220	224	225	224	221	217	216	216	219	222			
25	211	215	211	207	205	209	214	219	221	219	215	210	207	208	213	216			
30	206	209	203	197	195	199	206	213	215	213	207	200	197	199	205	209			
35	199	201	194	186	182	188	197	205	207	205	198	189	185	188	195	202			
40	192	192	183	173	168	175	187	195	198	196	188	177	171	175	185	193			
45	183	183	172	159	153	162	174	185	189	186	177	163	156	162	174	184			
50	174	173	160	145	136	147	161	175	179	175	165	149	140	147	161	173			
55	164	162	147	129	118	131	148	164	170	165	152	134	122	131	149	163			
60	154	151	134	113	99.4	114	135	153	159	154	139	117	104	115	136	151			
65	143	139	121	96.3	79.9	95.6	122	142	148	141	125	101	84.6	98.9	122	140			
70	132	127	107	80.2	60.0	80.6	109	130	137	130	112	84.8	64.9	82.7	109	128			
75	121	116	94.4	64.2	40.3	65.4	96.1	118	127	119	98.3	69.2	45.3	67.1	95.8	116			
80	110	99.1	82.2	49.8	22.3	51.0	83.7	107	116	108	86.1	54.5	26.7	52.2	83.4	93.1			
85	99.2	90.7	70.8	37.2	7.98	38.4	72.6	96.2	105	96.4	75.2	41.3	11.4	39.3	71.8	78.6			
90	88.6	80.5	58.4	26.7	0.67	28.7	62.4	85.9	94.4	85.8	64.5	30.7	2.20	29.0	58.5	68.9			
95	78.5	71.2	49.0	14.4	0.58	21.3	53.5	76.1	84.4	76.1	55.2	23.0	0.60	17.8	39.4	67.1			
100	68.7	52.3	31.8	2.68	0.66	4.83	44.4	66.8	74.7	66.8	46.2	7.63	0.69	6.44	35.7	59.8			
105	57.7	40.1	13.5	0.79	0.74	0.87	26.2	55.6	64.1	55.9	30.4	1.07	0.81	1.04	21.4	49.4			
110	37.9	23.3	3.23	0.87	0.81	0.82	4.56	32.7	45.6	33.8	6.49	1.04	0.91	1.08	5.66	28.9			
115	12.7	6.04	1.27	0.95	0.90	0.91	1.30	8.13	16.3	8.76	1.39	1.13	1.03	1.18	1.62	7.82			
120	2.88	1.59	1.26	1.03	1.00	0.99	1.21	1.74	3.30	2.07	1.48	1.23	1.15	1.27	1.56	2.18			
125	1.99	1.54	1.28	1.15	1.12	1.07	1.27	1.49	1.93	1.80	1.50	1.33	1.29	1.37	1.57	1.91			
130	1.85	1.52	1.35	1.25	1.23	1.17	1.32	1.48	1.79	1.71	1.55	1.45	1.38	1.48	1.63	1.84			
135	1.80	1.57	1.42	1.36	1.32	1.29	1.39	1.49	1.72	1.70	1.59	1.55	1.49	1.56	1.67	1.83			
140	1.81	1.58	1.51	1.47	1.42	1.39	1.45	1.53	1.71	1.73	1.66	1.61	1.60	1.65	1.73	1.81			
145	1.88	1.64	1.58	1.58	1.52	1.49	1.53	1.60	1.71	1.74	1.71	1.70	1.70	1.72	1.76	1.84			
150	1.92	1.75	1.70	1.67	1.63	1.63	1.65	1.67	1.75	1.81	1.77	1.77	1.77	1.81	1.83	1.87			
155	1.95	1.81	1.79	1.76	1.73	1.70	1.73	1.74	1.76	1.86	1.84	1.84	1.84	1.88	1.88	1.89			
160	1.82	1.88	1.87	1.84	1.81	1.78	1.81	1.82	1.77	1.89	1.88	1.88	1.88	1.90	1.91	1.92	1.89		
165	1.89	1.95	1.92	1.91	1.88	1.85	1.88	1.87	1.84	1.94	1.92	1.94	1.97	1.97	1.98	1.99			
170	1.94	2.01	1.96	1.96	1.95	1.92	1.96	1.94	1.88	1.98	1.97	1.98	1.98	2.00	2.02	2.03			
175	1.96	2.04	2.00	1.99	2.00	1.98	1.99	1.99	1.93	2.02	2.02	2.01	2.02	2.03	2.03	2.04			
180	1.91	2.02	1.99	1.99	2.00	1.99	2.01	2.00	1.94	2.02	2.01	1.99	1.99	2.00	1.99	1.99			

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

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