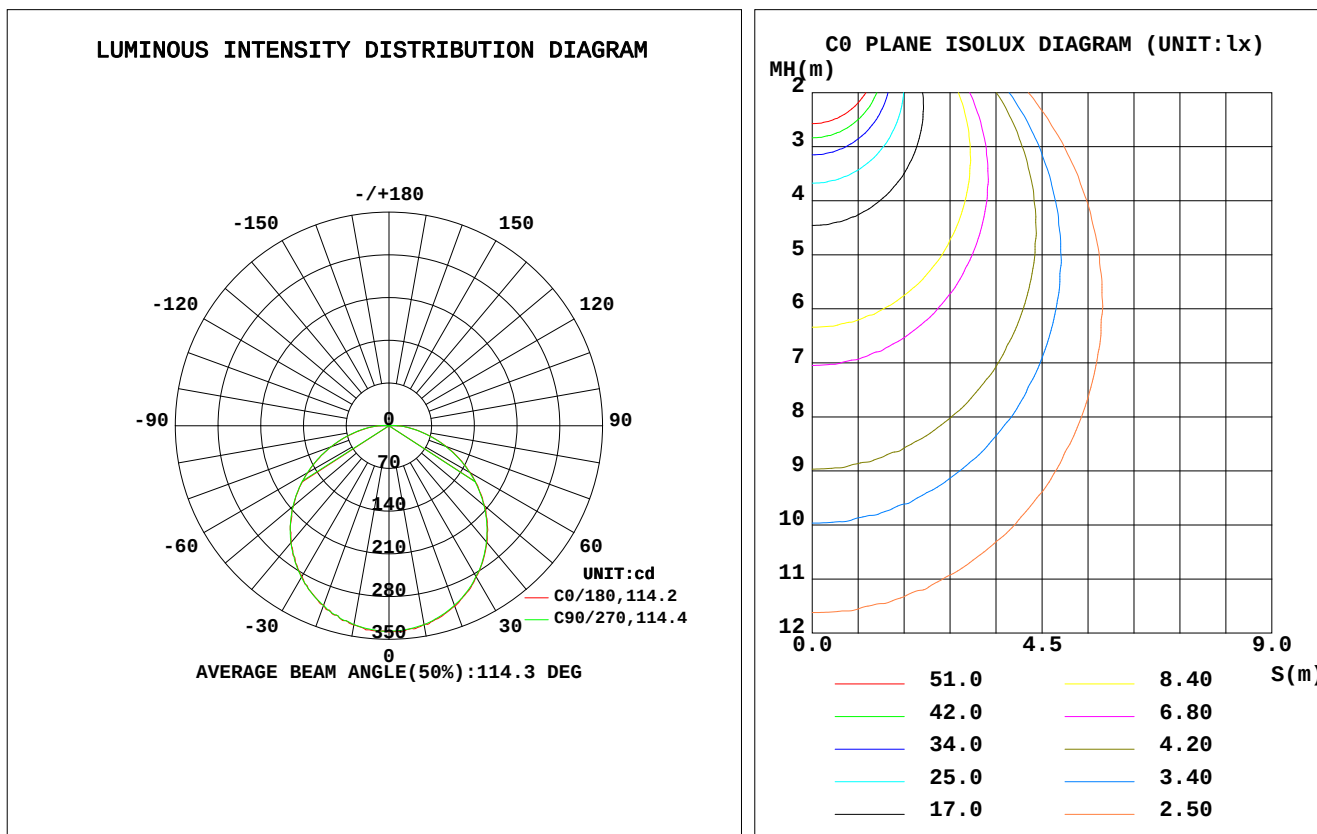


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220-240V I:0.065A P:11W PF:0.75 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: BHD3S-TC-S-11W-4000K	TYPE:LED	WEIGHT:
SPEC.:0028920257 11W 4000K 1000lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 91 lm/W			
MODEL		Imax(cd)	300	S/MH(C0/180)	1.26
NOMINAL POWER(W)	11W	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	220-240	TOTAL FLUX(lm)	1000	η UP, DN(C0-180)	0.8, 49.1
NOMINAL FLUX(lm)	1000	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.8, 49.4
LAMPS INSIDE	1	η up(%)	1.5	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)		η down(%)	98.5	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:
Test Date:2025-03-24

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
Humidity:56%
Test Distance:11.834m [K=1.0000]
Remarks:

Checker: CHENXIAOFU

Assessor: Ju Hongli

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
5	335.4	335.8	334.9	334.5	336.4	335.6	335.1	334.4	0- 5	8.036	8.036	0.79,0.79
10	330.8	331.5	331.0	330.3	331.6	331.2	330.8	330.0	5- 10	23.84	31.87	3.12,3.12
15	324.7	324.4	323.2	322.6	322.9	323.9	322.6	324.3	10- 15	38.84	70.72	6.93,6.93
20	314.8	314.5	313.2	313.0	312.7	313.8	313.6	314.3	15- 20	52.54	123.3	12.1,12.1
25	301.5	301.9	300.9	300.6	301.1	301.2	301.7	300.2	20- 25	64.50	187.8	18.4,18.4
30	285.6	286.7	285.2	285.2	285.5	286.1	286.9	285.5	25- 30	74.33	262.1	25.7,25.7
35	269.0	269.2	268.0	267.6	267.9	268.7	269.3	268.0	30- 35	81.68	343.8	33.7,33.7
40	249.8	249.6	248.4	248.2	249.8	249.1	250.0	248.7	35- 40	86.36	430.1	42.2,42.2
45	227.5	227.9	226.7	226.7	228.1	227.6	228.6	227.2	40- 45	88.25	518.4	50.8,50.8
50	204.4	204.5	203.2	203.6	204.4	204.4	205.3	204.1	45- 50	87.25	605.6	59.4,59.4
55	178.9	179.9	178.2	178.6	180.0	179.7	180.7	179.5	50- 55	83.41	689.0	67.5,67.5
60	153.5	153.6	152.2	153.0	153.5	153.9	154.7	153.4	55- 60	76.98	766.0	75.1,75.1
65	126.5	126.6	125.6	126.4	126.8	127.4	128.2	127.4	60- 65	68.14	834.2	81.8,81.8
70	99.91	99.87	98.76	100.1	100.5	100.7	101.6	100.4	65- 70	57.46	891.6	87.4,87.4
75	73.56	73.61	72.72	73.63	74.74	74.73	75.73	74.61	70- 75	45.48	937.1	91.8,91.8
80	49.51	49.77	49.27	50.08	50.83	51.37	52.27	50.95	75- 80	33.16	970.3	95.1,95.1
85	30.13	30.20	29.87	30.57	31.02	31.62	32.44	31.31	80- 85	21.90	992.2	97.2,97.2
90	15.66	15.77	15.70	16.01	16.14	16.11	17.53	16.58	85- 90	12.68	1005	98.5,98.5
95	6.419	5.166	6.758	4.682	6.521	5.204	7.721	5.691	90- 95	5.983	1011	99.1,99.1
100	1.717	0.9062	0.8286	0.8066	1.531	0.7379	0.8115	0.7860	95-100	1.428	1012	99.2,99.2
105	0.9195	0.9616	0.8468	0.9519	0.8894	0.8058	0.8683	0.7856	100-105	0.4682	1013	99.3,99.3
110	1.128	1.147	1.147	1.147	1.024	0.9772	1.034	0.9687	105-110	0.5063	1013	99.3,99.3
115	1.154	1.293	1.260	1.251	1.168	1.126	1.251	1.127	110-115	0.5805	1014	99.4,99.4
120	1.240	1.468	1.498	1.374	1.282	1.187	1.375	1.259	115-120	0.6154	1014	99.4,99.4
125	1.425	1.591	1.802	1.488	1.478	1.278	1.467	1.323	120-125	0.6526	1015	99.5,99.5
130	1.591	1.660	1.849	1.612	1.595	1.425	1.779	1.446	125-130	0.6758	1016	99.6,99.6
135	1.793	1.748	1.992	1.766	1.700	1.560	1.810	1.591	130-135	0.6779	1016	99.6,99.6
140	1.804	1.903	2.314	1.895	1.772	1.798	2.150	1.801	135-140	0.6799	1017	99.7,99.7
145	1.898	2.128	2.253	2.015	1.871	1.921	2.085	1.921	140-145	0.6616	1018	99.8,99.8
150	2.038	2.170	2.081	2.092	2.077	1.973	2.015	2.076	145-150	0.6005	1018	99.8,99.8
155	2.101	2.211	2.097	2.160	2.118	2.065	2.119	2.070	150-155	0.5283	1019	99.9,99.9
160	2.135	2.315	2.158	2.255	2.191	2.113	2.232	2.252	155-160	0.4508	1019	99.9,99.9
165	2.250	2.521	2.427	2.304	2.263	2.152	2.315	2.467	160-165	0.3759	1020	99.9,99.9
170	2.324	2.635	2.467	2.398	2.356	2.344	2.470	2.510	165-170	0.2818	1020	100,100
175	2.797	2.924	2.655	2.552	2.717	2.449	2.811	2.893	170-175	0.1822	1020	100,100
180	3.306	3.317	3.120	3.275	3.306	3.265	3.120	3.275	175-180	0.0699	1020	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

Conical surface Flux(90deg): 518.38 lm

%lum = 50.8%

%lamp = 50.8%

Conical surface Flux(120deg): 766.02 lm

%lum = 75.1%

%lamp = 75.1%

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:
Test Date:2025-03-24

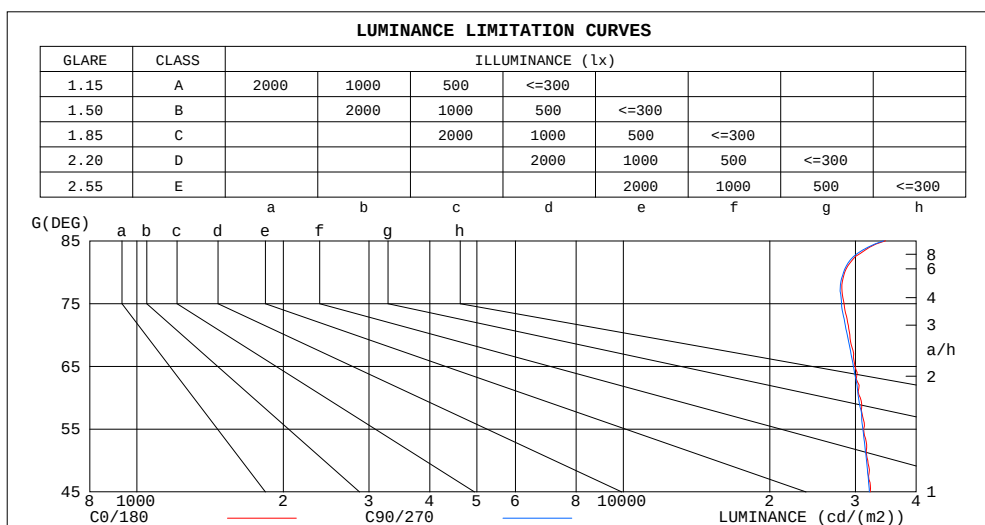
Checker: CHENXIAOFU

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
Humidity:56%
Test Distance:11.834m [K=1.0000]
Remarks:

Assessor: Ju Hongli

LUMINANCE LIMITATION CURVES

Test:U:220-240V I:0.065A P:11W PF:0.75 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: BHD3S-TC-S-11W-4000K	TYPE:LED	WEIGHT:
SPEC.:0028920257 11W 4000K 1000lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	34565	34274
80	28509	28374
75	28422	28098
70	29211	28875
65	29936	29715
60	30704	30438
55	31197	31075
50	31800	31618
45	32178	32055

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:
 Test Date:2025-03-24

Checker: CHENXIAOFU

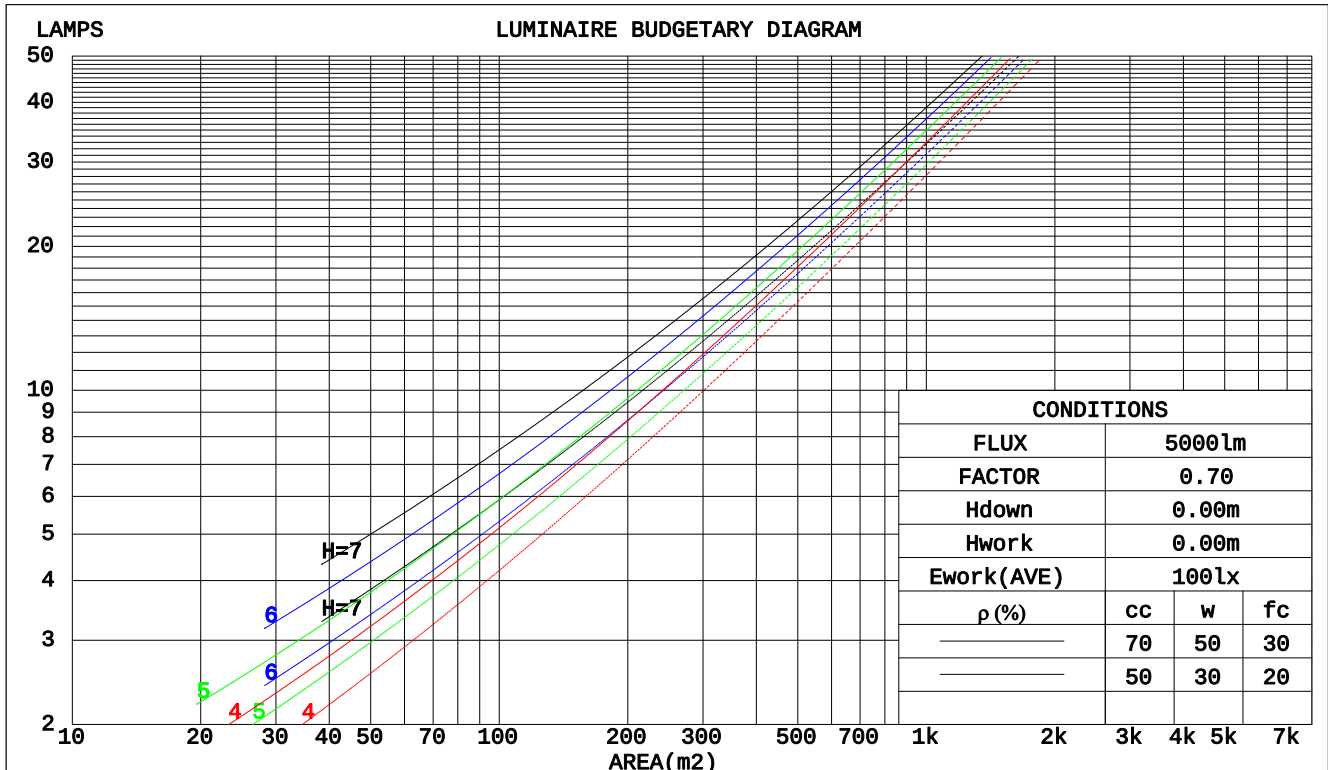
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
 Humidity:56%
 Test Distance:11.834m [K=1.0000]
 Remarks:

Assessor: Ju Hongli

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220-240V I:0.065A P:11W PF:0.75 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: BHD3S-TC-S-11W-4000K	TYPE:LED	WEIGHT:
SPEC.:0028920257 11W 4000K 1000lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	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			Coefficients of Utilization(CU)												
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.98
1.0	1.02	.98	.94	1.00	.96	.92	.95	.92	.89	.91	.88	.86	.87	.85	.83	.81
2.0	.89	.82	.76	.87	.80	.75	.83	.77	.73	.79	.75	.71	.76	.72	.69	.67
3.0	.78	.69	.63	.76	.68	.62	.73	.66	.61	.70	.64	.59	.67	.62	.58	.56
4.0	.69	.60	.53	.67	.59	.52	.65	.57	.51	.62	.56	.51	.60	.54	.50	.47
5.0	.61	.52	.45	.60	.52	.45	.58	.50	.44	.56	.49	.44	.54	.48	.43	.41
6.0	.55	.46	.40	.54	.46	.39	.52	.44	.39	.50	.44	.38	.49	.43	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.47	.40	.34	.46	.39	.34	.44	.38	.34	.31
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.31	.42	.35	.30	.41	.35	.30	.28
9.0	.42	.33	.28	.41	.33	.28	.40	.33	.28	.39	.32	.27	.38	.31	.27	.25
10.0	.39	.31	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:
 Test Date:2025-03-24

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
 Humidity:56%
 Test Distance:11.834m [K=1.0000]
 Remarks:

Checker: CHENXIAOFU

Assessor: Ju Hongli

WEC AND CCEC

Test:U:220-240V I:0.065A P:11W PF:0.75 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: BHD3S-TC-S-11W-4000K	TYPE:LED	WEIGHT:
SPEC.:0028920257 11W 4000K 1000lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	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	.330	.187	.059	.322	.184	.058	.308	.177	.056	.295	.170	.055	.283	.164	.053		
2.0	.303	.166	.051	.296	.163	.050	.284	.158	.049	.272	.153	.048	.261	.148	.047		
3.0	.277	.148	.044	.272	.145	.044	.260	.141	.043	.250	.137	.042	.240	.133	.041		
4.0	.254	.132	.039	.249	.130	.039	.239	.127	.038	.230	.124	.037	.221	.120	.037		
5.0	.234	.119	.035	.230	.118	.034	.221	.115	.034	.212	.112	.033	.205	.109	.033		
6.0	.217	.109	.031	.212	.107	.031	.204	.105	.030	.197	.102	.030	.190	.100	.030		
7.0	.201	.099	.028	.197	.098	.028	.190	.096	.028	.184	.094	.027	.177	.092	.027		
8.0	.187	.092	.026	.184	.091	.026	.178	.089	.025	.172	.087	.025	.166	.085	.025		
9.0	.175	.085	.024	.172	.084	.024	.167	.082	.023	.161	.081	.023	.156	.079	.023		
10.0	.165	.079	.022	.162	.078	.022	.157	.077	.022	.152	.075	.021	.147	.074	.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	.202	.202	.202	.173	.173	.173	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.193	.168	.144	.165	.144	.124	.113	.099	.086	.065	.057	.050	.021	.018	.016	
2.0	.185	.144	.108	.159	.124	.094	.109	.085	.065	.063	.050	.038	.020	.016	.012	
3.0	.178	.126	.085	.152	.109	.074	.105	.076	.052	.060	.044	.030	.019	.014	.010	
4.0	.170	.113	.069	.146	.098	.060	.100	.068	.042	.058	.040	.025	.019	.013	.008	
5.0	.162	.103	.058	.139	.089	.051	.096	.062	.036	.056	.036	.021	.018	.012	.007	
6.0	.155	.094	.051	.133	.082	.044	.092	.057	.031	.053	.034	.019	.017	.011	.006	
7.0	.148	.087	.045	.127	.076	.039	.088	.053	.028	.051	.031	.016	.017	.010	.005	
8.0	.142	.082	.040	.122	.071	.035	.084	.050	.025	.049	.029	.015	.016	.010	.005	
9.0	.135	.077	.037	.117	.067	.032	.081	.047	.023	.047	.028	.014	.015	.009	.005	
10.0	.130	.072	.034	.112	.063	.030	.078	.044	.021	.045	.026	.013	.015	.009	.004	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:
Test Date:2025-03-24

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
Humidity:56%
Test Distance:11.834m [K=1.0000]
Remarks:

Checker: CHENXIAOFU

Assessor: Ju Hongli

UGR(Unified Glare Rating) Table

Test:U:220-240V I:0.065A P:11W PF:0.75 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: BHD3S-TC-S-11W-4000K	TYPE:LED	WEIGHT:
SPEC.:0028920257 11W 4000K 1000lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	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	24.7	26.2	24.9	26.4	26.7	24.6	26.2	24.9	26.4	26.6
3H	26.3	27.7	26.6	28.0	28.2	26.2	27.7	26.6	27.9	28.2
4H	27.0	28.3	27.3	28.6	28.9	26.9	28.3	27.3	28.6	28.8
6H	27.5	28.8	27.9	29.1	29.4	27.5	28.8	27.9	29.1	29.4
8H	27.8	29.0	28.2	29.3	29.7	27.7	29.0	28.1	29.3	29.6
12H	28.0	29.2	28.4	29.5	29.9	28.0	29.2	28.4	29.5	29.8
4H 2H	25.3	26.6	25.6	26.9	27.2	25.3	26.6	25.6	26.9	27.2
3H	27.1	28.3	27.5	28.6	28.9	27.1	28.2	27.4	28.6	28.9
4H	27.9	29.0	28.3	29.4	29.7	27.9	29.0	28.3	29.3	29.7
6H	28.7	29.6	29.1	30.0	30.4	28.6	29.6	29.0	30.0	30.4
8H	29.0	29.9	29.4	30.3	30.7	28.9	29.8	29.4	30.2	30.7
12H	29.3	30.1	29.7	30.5	31.0	29.2	30.1	29.7	30.5	30.9
8H 4H	28.2	29.1	28.7	29.5	30.0	28.2	29.1	28.7	29.5	29.9
6H	29.2	29.9	29.6	30.4	30.8	29.1	29.9	29.6	30.3	30.8
8H	29.6	30.3	30.1	30.7	31.2	29.6	30.2	30.1	30.7	31.2
12H	30.1	30.6	30.6	31.1	31.6	30.0	30.6	30.5	31.1	31.6
12H 4H	28.3	29.1	28.7	29.5	30.0	28.2	29.1	28.7	29.5	29.9
6H	29.3	29.9	29.7	30.4	30.9	29.2	29.9	29.7	30.4	30.8
8H	29.8	30.4	30.3	30.8	31.3	29.7	30.3	30.2	30.8	31.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117, 1020 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 0.1$)

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:
Test Date:2025-03-24

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 γ Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
Humidity:56%
Test Distance:11.834m [K=1.0000]
Remarks:

Checker: CHENXIAOFU

Assessor: Ju Hongli

UTILIZATION FACTORS TABLE

Test:U:220-240V I:0.065A P:11W PF:0.75 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: BHD3S-TC-S-11W-4000K	TYPE:LED	WEIGHT:
SPEC.:0028920257 11W 4000K 1000lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	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) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	44	37	30
0.80	66	54	47	65	54	46	63	53	46	39
1.00	74	63	55	73	62	55	71	64	54	47
1.25	81	70	63	80	70	63	77	68	62	54
1.50	86	76	69	85	75	68	81	73	67	59
2.00	93	84	77	91	83	77	88	81	75	67
2.50	97	89	83	95	88	82	91	85	80	71
3.00	101	93	87	98	92	86	94	89	84	75
4.00	105	99	94	102	97	92	98	93	89	80
5.00	107	102	98	105	100	96	100	96	93	83
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNM = 1.25		

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:
 Test Date:2025-03-24

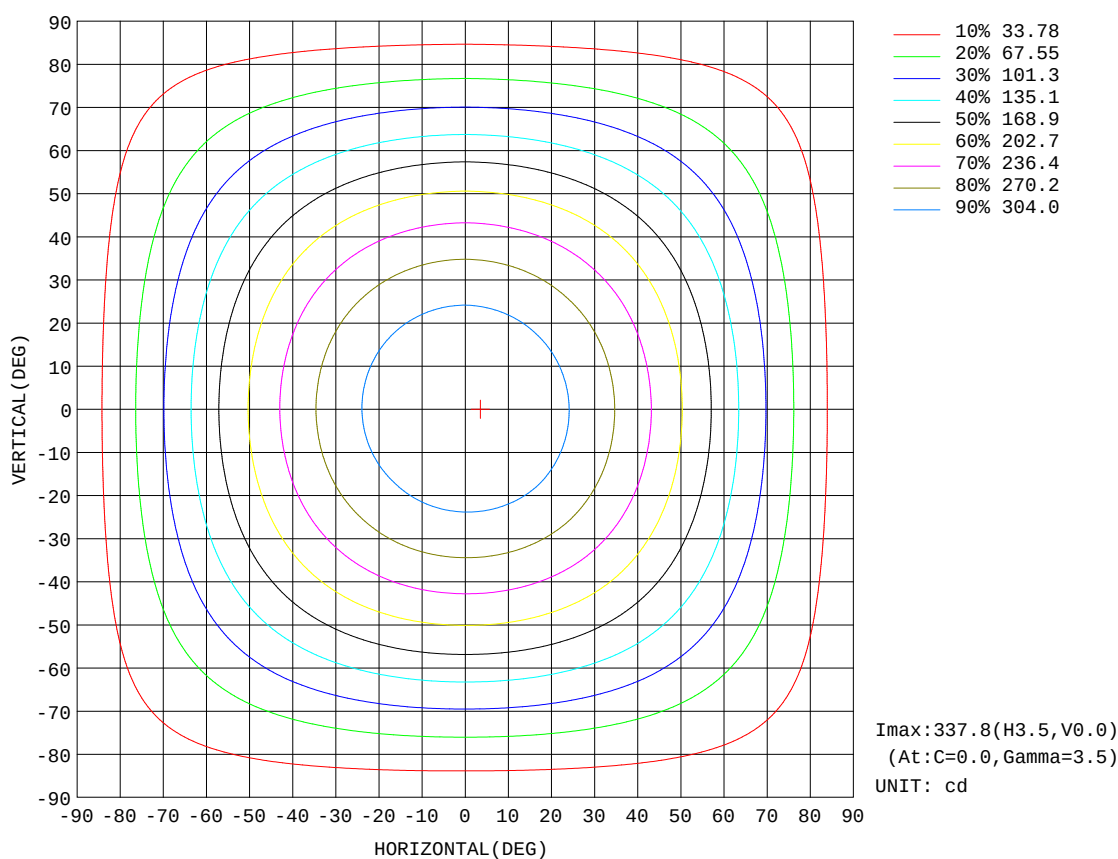
Checker: CHENXIAOFU

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 γ Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
 Humidity:56%
 Test Distance:11.834m [K=1.0000]
 Remarks:

Assessor: Ju Hongli

ISOCANDELA DIAGRAM

Test:U:220-240V I:0.065A P:11W PF:0.75 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: BHD3S-TC-S-11W-4000K	TYPE:LED	WEIGHT:
SPEC.:0028920257 11W 4000K 1000lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:
Test Date:2025-03-24

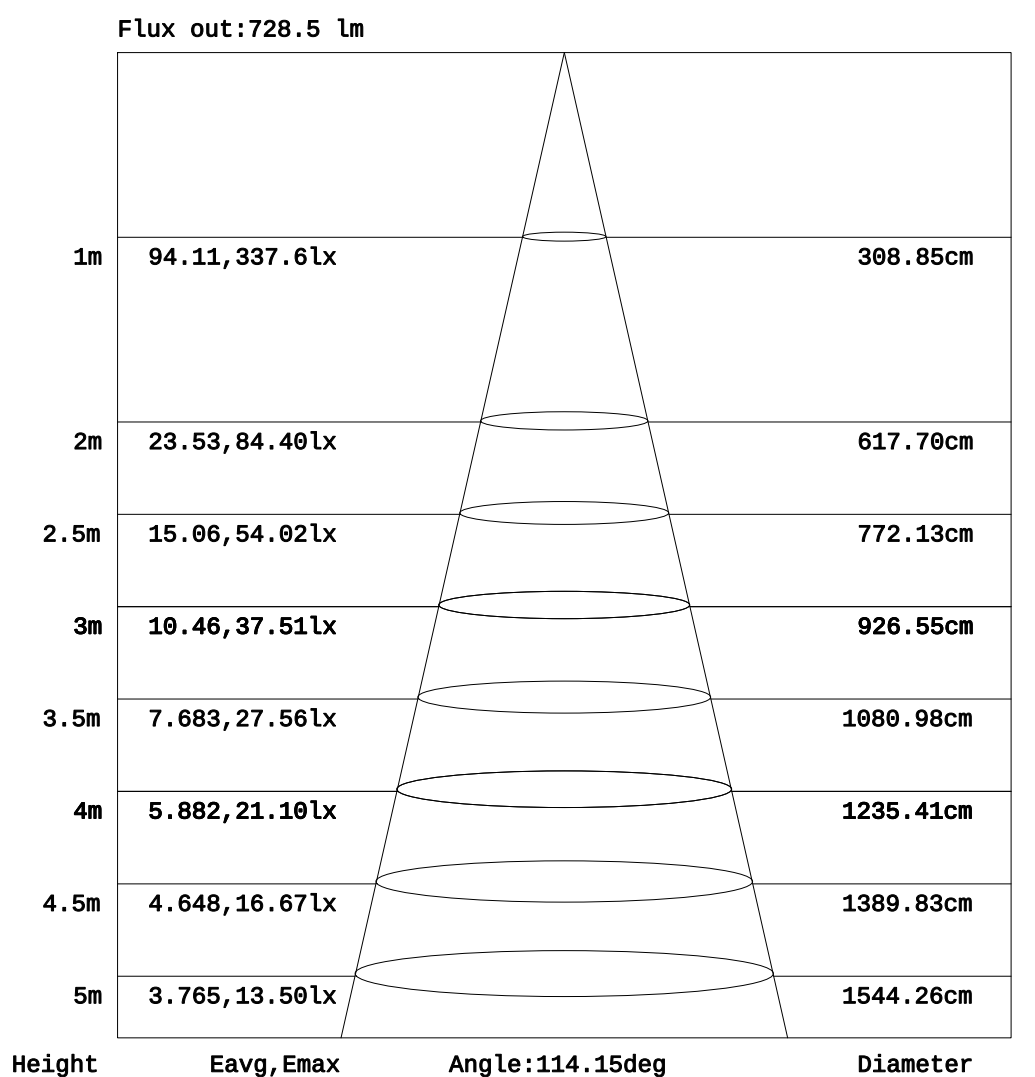
Checker: CHENXIAOFU

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
Humidity:56%
Test Distance:11.834m [K=1.0000]
Remarks:

Assessor: Ju Hongli

AAI Figure

Test:U:220-240V I:0.065A P:11W PF:0.75 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: BHD3S-TC-S-11W-4000K	TYPE:LED	WEIGHT:
SPEC.:0028920257 11W 4000K 1000lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	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: 45.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:
Test Date:2025-03-24

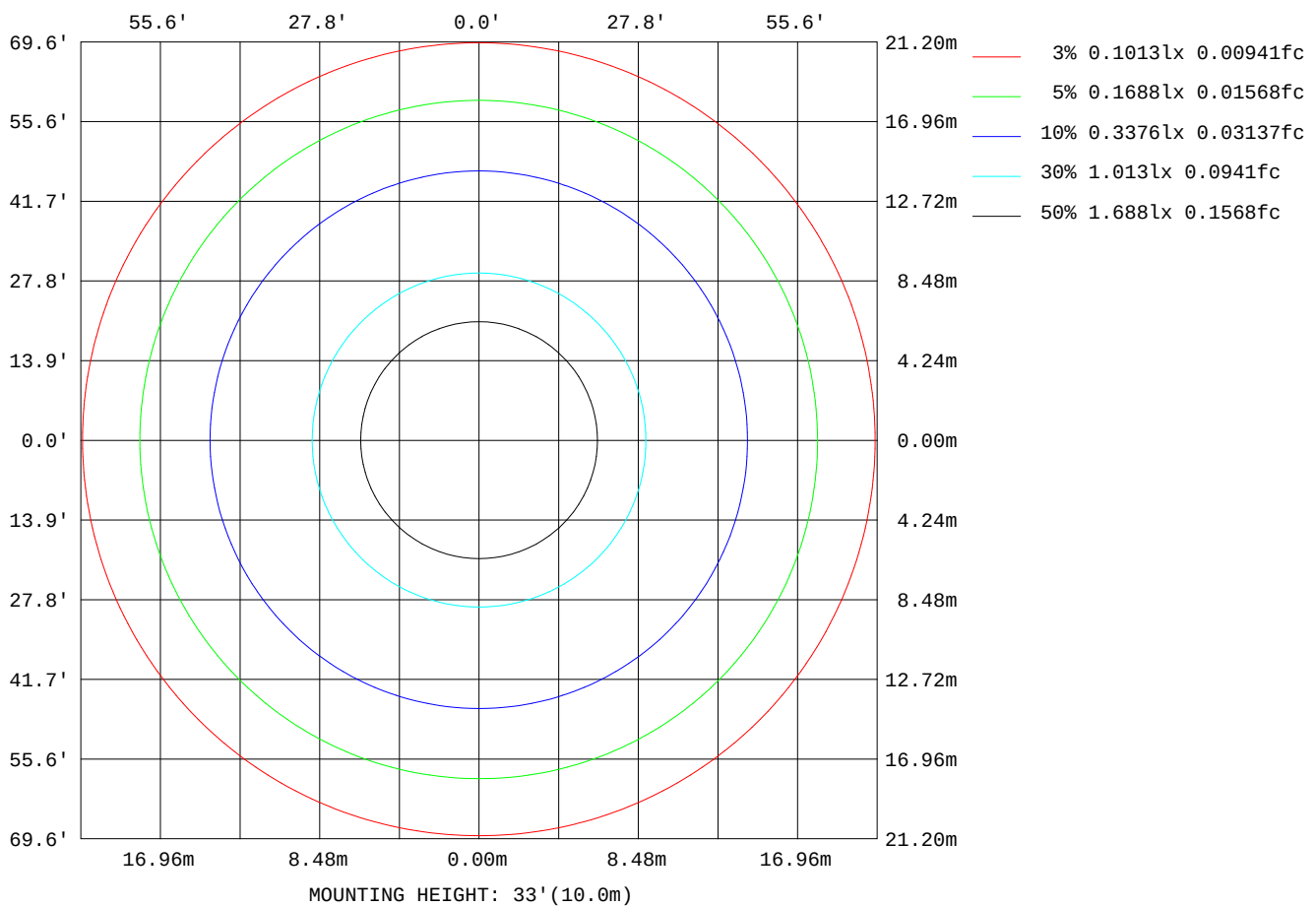
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
Humidity:56%
Test Distance:11.834m [K=1.0000]
Remarks:

Checker: CHENXIAOFU

Assessor: Ju Hongli

ISOLUX DIAGRAM

Test:U:220-240V I:0.065A P:11W PF:0.75 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: BHD3S-TC-S-11W-4000K	TYPE: LED	WEIGHT:
SPEC.:0028920257 11W 4000K 1000lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:
Test Date:2025-03-24

Checker: CHENXIAOFU

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
Humidity:56%
Test Distance:11.834m [K=1.0000]
Remarks:

Assessor: Ju Hongli

LED Avg.L Report

Test:U:220-240V I:0.065A P:11W PF:0.75 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: BHD3S-TC-S-11W-4000K	TYPE:LED	WEIGHT:
SPEC.:0028920257 11W 4000K 1000lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	29966
L_0~180(75)av	28650
L_0~180(85)av	35079
L_90~270(65)av	30024
L_90~270(75)av	28679
L_90~270(85)av	35750
L_45(65)av	30036
L_45(75)av	28648
L_45(85)av	35481

Standard: GB/T 29293-2012

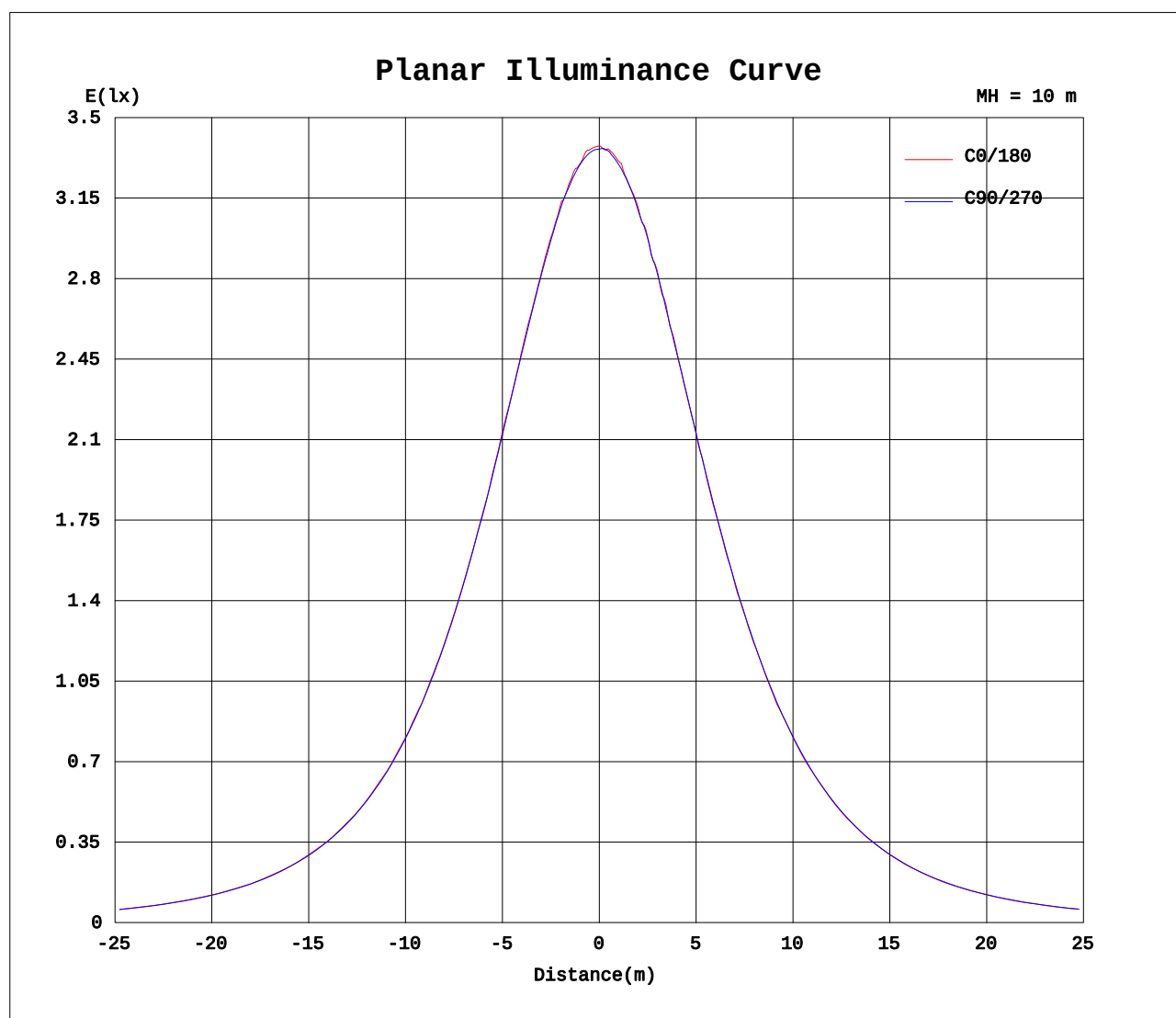
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:
Test Date:2025-03-24

Checker: CHENXIAOFU

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
Humidity:56%
Test Distance:11.834m [K=1.0000]
Remarks:

Assessor: Ju Hongli

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators:
Test Date: 2025-03-24

Checker: CHENXIAOFU

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-2000A_V1 SYSTEM V2.0.366
Humidity: 56%
Test Distance: 11.834m [K=1.0000]
Remarks:

Assessor: Ju Hongli

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220-240V I:0.065A P:11W PF:0.75 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: BHD3S-TC-S-11W-4000K	TYPE:LED	WEIGHT:
SPEC.:0028920257 11W 4000K 1000lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	45	90	135	180	225	270	315										
0	338	337	336	336	338	337	336	336										
5	335	336	335	334	336	336	335	334										
10	331	331	331	330	332	331	331	330										
15	325	324	323	323	323	324	323	324										
20	315	314	313	313	313	314	314	314										
25	302	302	301	301	301	301	302	300										
30	286	287	285	285	285	286	287	285										
35	269	269	268	268	268	269	269	268										
40	250	250	248	248	250	249	250	249										
45	228	228	227	227	228	228	229	227										
50	204	204	203	204	204	204	205	204										
55	179	180	178	179	180	180	181	180										
60	154	154	152	153	153	154	155	153										
65	127	127	126	126	127	127	128	127										
70	99.9	99.9	98.8	100	100	101	102	100										
75	73.6	73.6	72.7	73.6	74.7	74.7	75.7	74.6										
80	49.5	49.8	49.3	50.1	50.8	51.4	52.3	50.9										
85	30.1	30.2	29.9	30.6	31.0	31.6	32.4	31.3										
90	15.7	15.8	15.7	16.0	16.1	16.1	17.5	16.6										
95	6.42	5.17	6.76	4.68	6.52	5.20	7.72	5.69										
100	1.72	0.91	0.83	0.81	1.53	0.74	0.81	0.79										
105	0.92	0.96	0.85	0.95	0.89	0.81	0.87	0.79										
110	1.13	1.15	1.15	1.15	1.02	0.98	1.03	0.97										
115	1.15	1.29	1.26	1.25	1.17	1.13	1.25	1.13										
120	1.24	1.47	1.50	1.37	1.28	1.19	1.38	1.26										
125	1.43	1.59	1.80	1.49	1.48	1.28	1.47	1.32										
130	1.59	1.66	1.85	1.61	1.59	1.43	1.78	1.45										
135	1.79	1.75	1.99	1.77	1.70	1.56	1.81	1.59										
140	1.80	1.90	2.31	1.90	1.77	1.80	2.15	1.80										
145	1.90	2.13	2.25	2.02	1.87	1.92	2.08	1.92										
150	2.04	2.17	2.08	2.09	2.08	1.97	2.01	2.08										
155	2.10	2.21	2.10	2.16	2.12	2.06	2.12	2.07										
160	2.13	2.31	2.16	2.26	2.19	2.11	2.23	2.25										
165	2.25	2.52	2.43	2.30	2.26	2.15	2.32	2.47										
170	2.32	2.63	2.47	2.40	2.36	2.34	2.47	2.51										
175	2.80	2.92	2.66	2.55	2.72	2.45	2.81	2.89										
180	3.31	3.32	3.12	3.28	3.31	3.26	3.12	3.28										

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:
Test Date:2025-03-24

γ Range: 0 - 180DEG
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Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
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