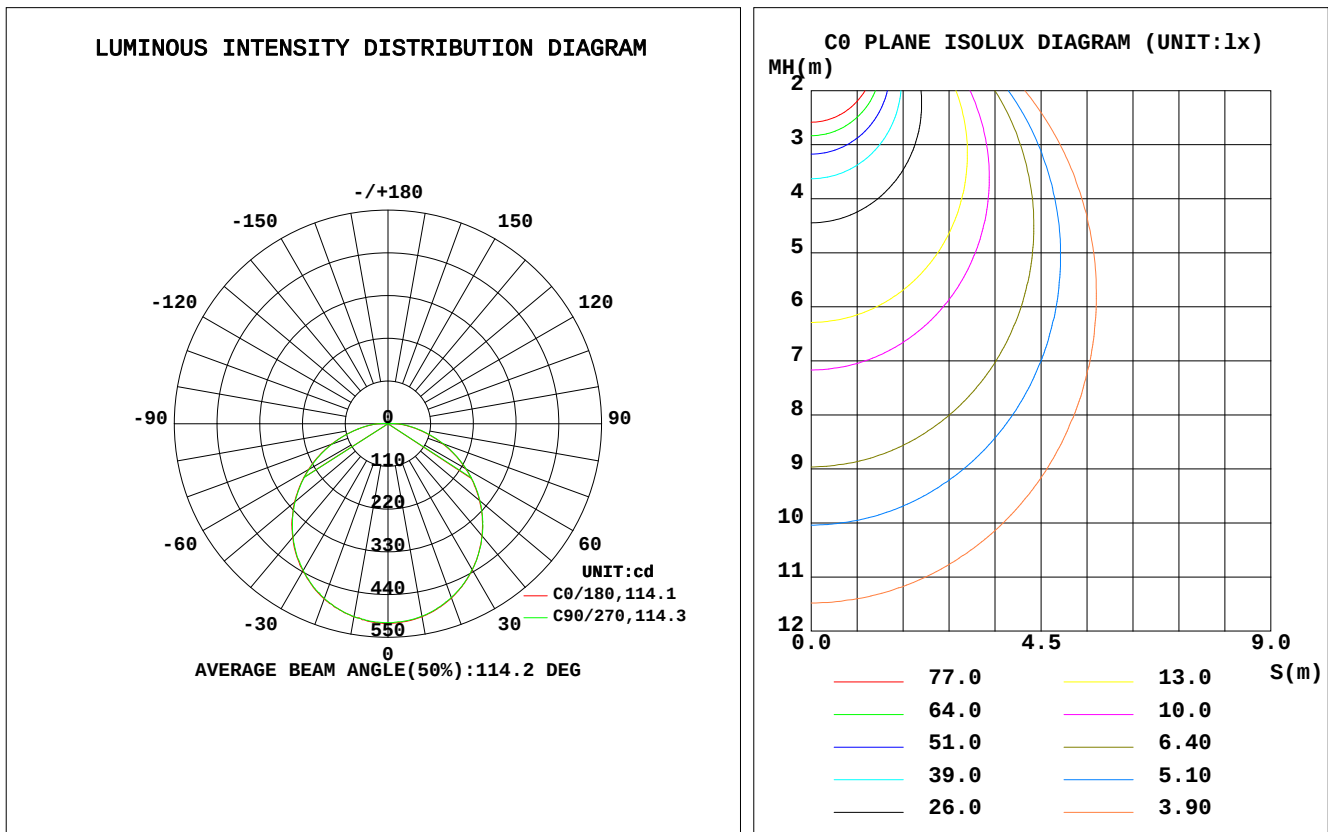


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220-240V I:0.07A P:15W PF:0.9 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-15W-4000K	TYPE:LED	WEIGHT:
SPEC.:0028920256 15W 4000K 1500lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 100 lm/W			
MODEL		Imax(cd)	450.0	S/MH(C0/180)	1.27
NOMINAL POWER(W)	15W	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1500	η UP, DN(C0-180)	0.8, 49.0
NOMINAL FLUX(lm)	1500	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.7, 49.5
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	511.5	510.5	509.8	509.9	511.9	510.5	510.4	509.1	0- 5	12.23	12.23	0.79,0.79
10	504.5	503.2	503.1	502.5	504.2	503.4	504.5	503.1	5- 10	36.27	48.50	3.13,3.13
15	493.1	491.7	491.6	491.5	493.8	493.5	493.7	491.8	10- 15	59.11	107.6	6.94,6.94
20	477.5	476.1	476.1	476.6	480.0	478.9	478.7	476.6	15- 20	79.96	187.6	12.1,12.1
25	457.7	456.8	457.1	457.5	460.8	459.3	459.2	457.2	20- 25	98.17	285.7	18.4,18.4
30	434.3	433.8	433.8	435.6	437.9	437.7	436.6	434.3	25- 30	113.1	398.8	25.7,25.7
35	407.1	406.7	406.8	408.3	411.9	411.3	410.7	407.9	30- 35	124.3	523.1	33.7,33.7
40	376.7	376.9	377.4	379.0	381.5	381.5	380.4	377.9	35- 40	131.4	654.6	42.2,42.2
45	343.4	343.8	344.7	346.2	349.7	348.4	347.6	344.9	40- 45	134.2	788.8	50.8,50.8
50	308.1	308.1	308.9	311.0	314.3	313.2	312.4	309.3	45- 50	132.7	921.4	59.4,59.4
55	270.4	271.0	271.6	273.5	276.1	275.1	274.3	271.4	50- 55	126.9	1048	67.6,67.6
60	230.8	231.6	231.9	234.3	236.9	235.8	234.9	231.9	55- 60	117.0	1165	75.1,75.1
65	190.0	191.3	192.1	194.2	196.4	195.2	194.4	191.3	60- 65	103.7	1269	81.8,81.8
70	148.7	150.7	151.7	153.2	155.4	154.3	153.7	150.6	65- 70	87.39	1356	87.4,87.4
75	109.5	111.2	112.1	113.5	115.1	114.4	114.1	111.0	70- 75	69.10	1425	91.9,91.9
80	73.02	75.29	76.66	77.31	77.59	78.39	78.47	75.38	75- 80	50.33	1476	95.1,95.1
85	43.78	45.89	47.22	47.28	47.17	48.07	48.70	45.89	80- 85	33.17	1509	97.3,97.3
90	22.33	23.79	24.99	24.72	24.45	24.18	26.28	24.15	85- 90	19.13	1528	98.5,98.5
95	8.832	9.051	10.99	8.015	9.711	7.281	11.73	8.715	90- 95	8.996	1537	99.1,99.1
100	2.114	1.312	1.327	1.200	2.169	1.143	1.254	1.188	95-100	2.218	1539	99.2,99.2
105	1.415	1.478	1.393	1.395	1.344	1.260	1.385	1.260	100-105	0.7016	1540	99.3,99.3
110	1.591	1.747	1.767	1.633	1.540	1.467	1.685	1.476	105-110	0.7748	1541	99.3,99.3
115	1.799	1.994	2.014	1.871	1.715	1.621	1.855	1.810	110-115	0.8781	1542	99.4,99.4
120	1.994	2.203	2.451	2.099	1.922	1.817	2.102	1.952	115-120	0.9505	1543	99.4,99.4
125	2.241	2.376	2.675	2.358	2.181	1.951	2.350	2.302	120-125	1.007	1544	99.5,99.5
130	2.474	2.606	2.840	2.565	2.366	2.170	2.553	2.398	125-130	1.054	1545	99.6,99.6
135	2.603	2.802	3.211	2.628	2.521	2.452	2.892	2.509	130-135	1.049	1546	99.6,99.6
140	2.822	2.976	3.409	2.780	2.697	2.666	3.069	2.743	135-140	1.041	1547	99.7,99.7
145	3.042	3.131	3.265	3.017	2.976	2.810	3.100	2.923	140-145	0.9833	1548	99.8,99.8
150	3.265	3.312	3.259	3.191	3.120	3.094	3.147	3.172	145-150	0.9245	1549	99.8,99.8
155	3.251	3.330	3.265	3.280	3.203	3.255	3.213	3.148	150-155	0.8138	1549	99.9,99.9
160	3.336	3.443	3.347	3.399	3.389	3.250	3.421	3.367	155-160	0.6886	1550	99.9,99.9
165	3.449	3.893	3.771	3.470	3.451	3.446	3.781	3.681	160-165	0.5758	1551	99.9,99.9
170	3.745	4.246	3.978	3.575	3.596	3.656	4.102	4.161	165-170	0.4393	1551	100,100
175	4.400	4.773	4.143	3.927	4.040	3.966	4.268	4.741	170-175	0.2876	1551	100,100
180	5.207	5.063	5.104	5.094	5.228	5.051	5.094	5.104	175-180	0.1096	1552	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 788.78 lm

%lum = 50.8%

%lamp = 50.8%

Conical surface Flux(120deg): 1165.3 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

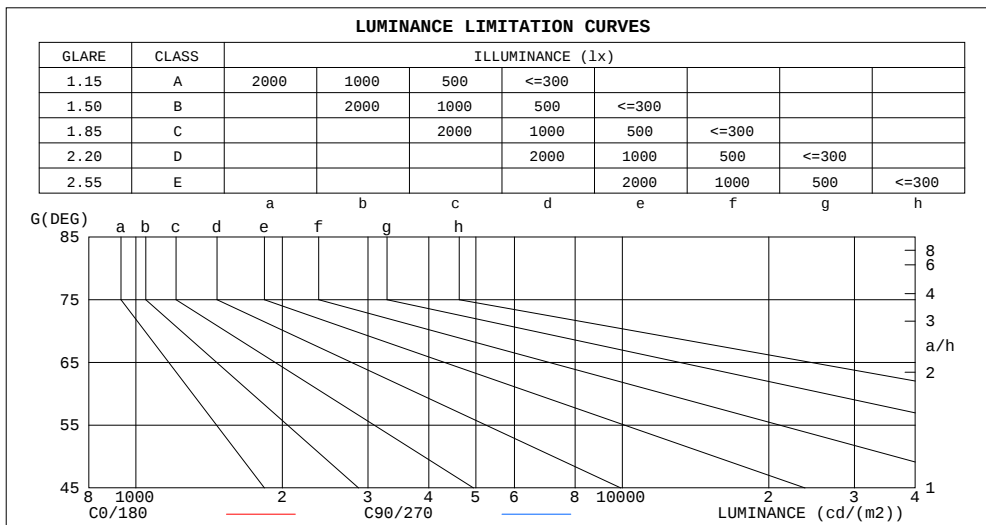
Checker: CHENXIAOFU

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 γ 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:0.07A P:15W PF:0.9 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-15W-4000K	TYPE:LED	WEIGHT:
SPEC.:0028920256 15W 4000K 1500lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	50232	54182
80	42052	44144
75	42326	43296
70	43491	44365
65	44959	45453
60	46165	46377
55	47146	47355
50	47931	48061
45	48570	48747

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

Checker: CHENXIAOFU

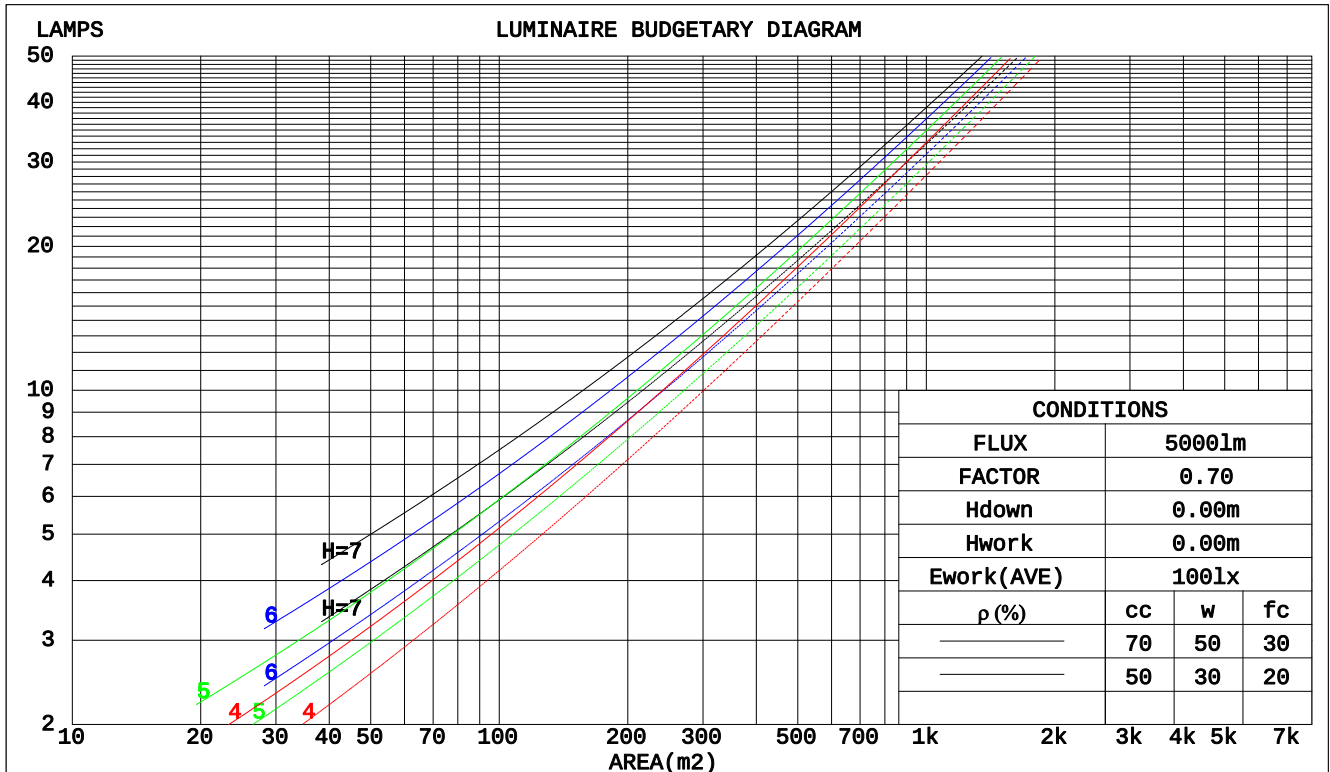
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
 Humidity:56%
 Test Distance:11.834m [K=1.0000]
 Remarks:

Assessor: Ju Hongli

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220-240V I:0.07A P:15W PF:0.9 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-15W-4000K	TYPE: LED	WEIGHT:
SPEC.:0028920256 15W 4000K 1500lm	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	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
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	.78	.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	.52	.62	.56	.51	.60	.54	.50	.48
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	.45	.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	.32
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	.32	.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:0.07A P:15W PF:0.9 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-15W-4000K	TYPE:LED	WEIGHT:
SPEC.:0028920256 15W 4000K 1500lm	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	.329	.187	.059	.322	.184	.058	.308	.176	.056	.295	.170	.055	.282	.164	.053		
2.0	.303	.166	.051	.296	.163	.050	.284	.158	.049	.272	.153	.048	.261	.148	.047		
3.0	.277	.148	.044	.271	.145	.044	.260	.141	.043	.250	.137	.042	.240	.133	.041		
4.0	.254	.132	.039	.249	.130	.039	.239	.127	.038	.230	.123	.037	.221	.120	.037		
5.0	.234	.119	.035	.229	.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	.086	.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:0.07A P:15W PF:0.9 Freq:50.00Hz Lamp Flux:1500x1 lm											
NAME: BHD3S-TC-15W-4000K						TYPE:LED			WEIGHT:		
SPEC.:0028920256 15W 4000K 1500lm						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	24.6	26.1	24.9	26.3	26.6	24.6	26.1	24.9	26.4	26.6	
	3H	26.2	27.6	26.5	27.9	28.1	26.2	27.7	26.6	27.9	28.2
	4H	26.9	28.2	27.2	28.5	28.8	26.9	28.3	27.3	28.6	28.9
	6H	27.4	28.7	27.8	29.0	29.3	27.5	28.8	27.9	29.1	29.4
	8H	27.7	28.9	28.0	29.2	29.5	27.8	29.0	28.2	29.3	29.7
	12H	27.9	29.1	28.3	29.4	29.7	28.0	29.2	28.4	29.5	29.9
4H	2H	25.2	26.6	25.6	26.8	27.1	25.2	26.6	25.6	26.9	27.2
	3H	27.0	28.2	27.4	28.5	28.9	27.1	28.2	27.4	28.6	28.9
	4H	27.8	28.9	28.2	29.3	29.6	27.9	29.0	28.3	29.3	29.7
	6H	28.6	29.5	29.0	29.9	30.3	28.6	29.6	29.1	30.0	30.4
	8H	28.9	29.8	29.3	30.2	30.6	29.0	29.9	29.4	30.3	30.7
	12H	29.2	30.0	29.6	30.4	30.8	29.3	30.1	29.8	30.5	31.0
8H	4H	28.2	29.1	28.6	29.5	29.9	28.2	29.1	28.7	29.5	29.9
	6H	29.1	29.8	29.5	30.3	30.7	29.2	29.9	29.6	30.3	30.8
	8H	29.5	30.2	30.0	30.6	31.1	29.6	30.3	30.1	30.7	31.2
	12H	29.9	30.5	30.4	31.0	31.5	30.1	30.7	30.6	31.1	31.6
12H	4H	28.2	29.0	28.7	29.4	29.9	28.2	29.1	28.7	29.5	29.9
	6H	29.2	29.8	29.7	30.3	30.8	29.3	29.9	29.7	30.4	30.9
	8H	29.7	30.2	30.2	30.7	31.2	29.8	30.4	30.3	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, 1552 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 1.5$)

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

UTILIZATION FACTORS TABLE

Test:U:220-240V I:0.07A P:15W PF:0.9 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-15W-4000K	TYPE:LED	WEIGHT:
SPEC.:0028920256 15W 4000K 1500lm	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	88	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

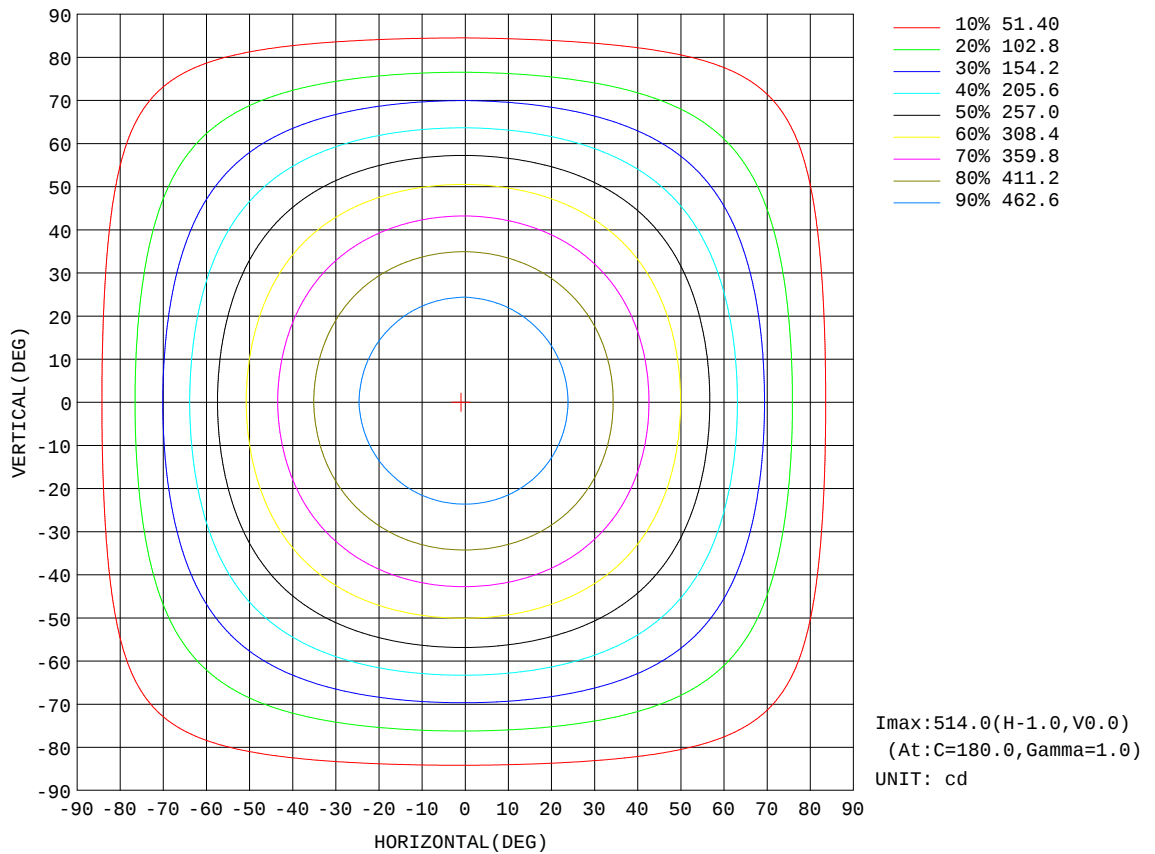
Checker: CHENXIAOFU

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:0.07A P:15W PF:0.9 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-15W-4000K	TYPE: LED	WEIGHT:
SPEC.:0028920256 15W 4000K 1500lm	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

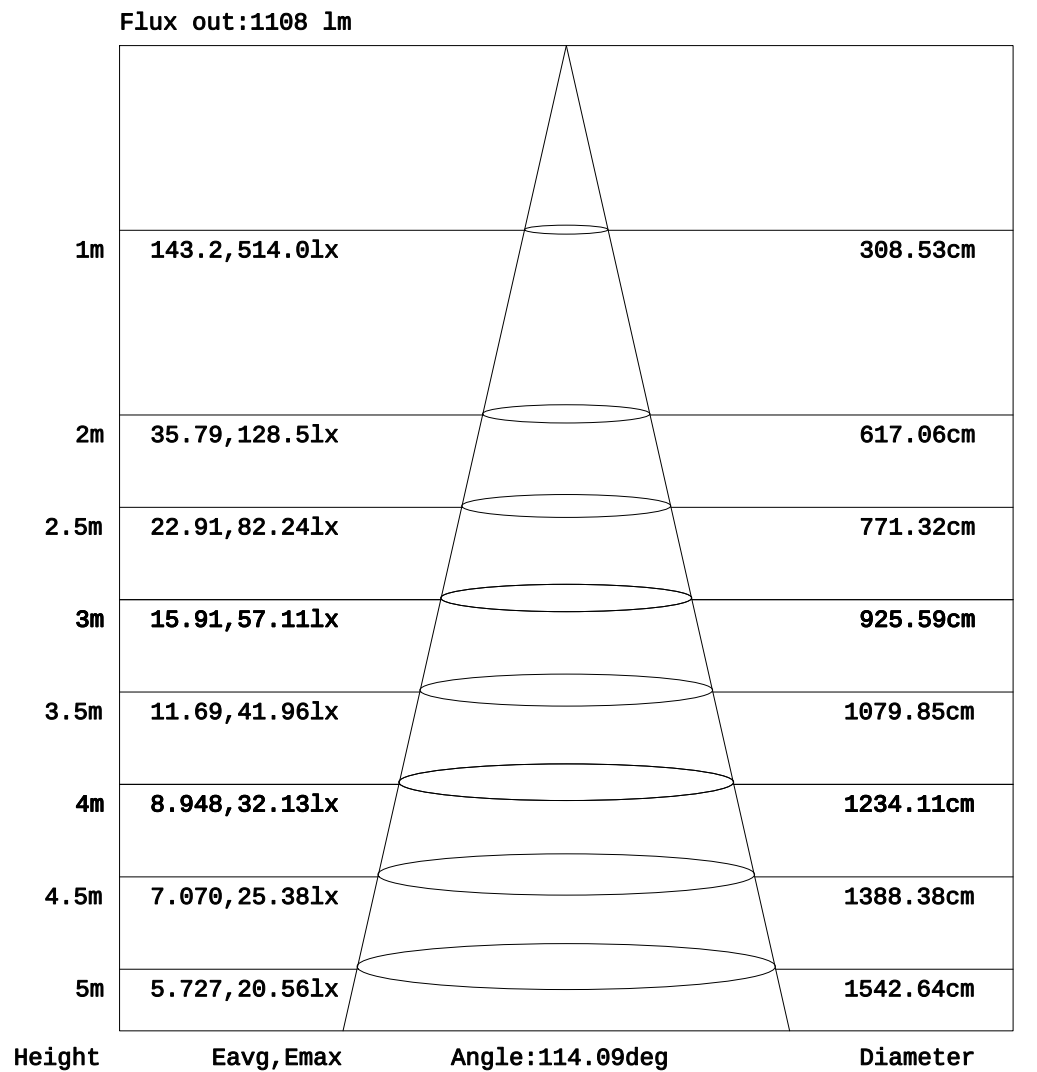
Checker: CHENXIAOFU

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:0.07A P:15W PF:0.9 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-15W-4000K	TYPE:LED	WEIGHT:
SPEC.:0028920256 15W 4000K 1500lm	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

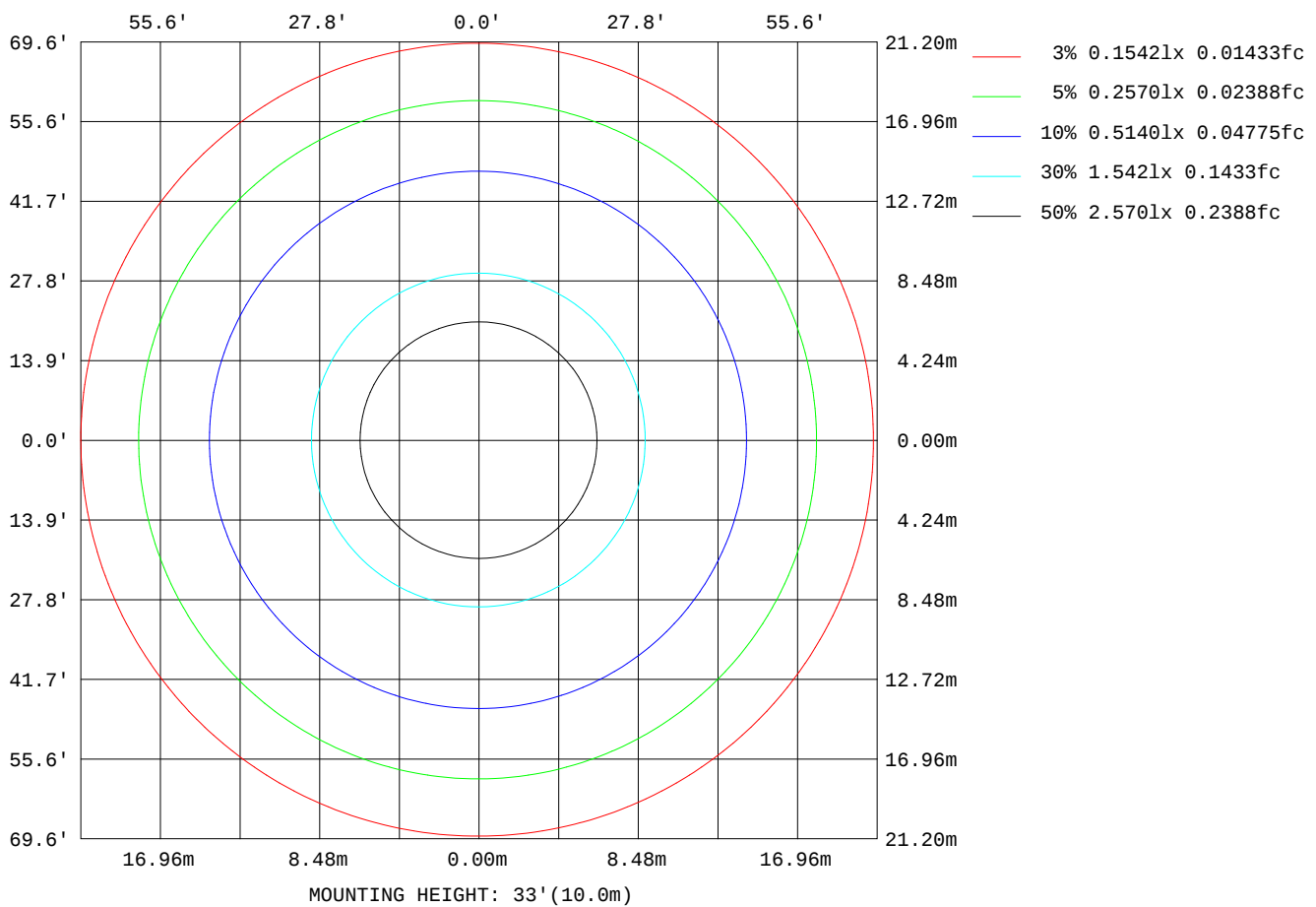
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
Humidity:56%
Test Distance:11.834m [K=1.0000]
Remarks:

Checker: CHENXIAOFU

Assessor: Ju Hongli

ISOLUX DIAGRAM

Test:U:220-240V I:0.07A P:15W PF:0.9 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-15W-4000K	TYPE: LED	WEIGHT:
SPEC.:0028920256 15W 4000K 1500lm	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:0.07A P:15W PF:0.9 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-15W-4000K	TYPE:LED	WEIGHT:
SPEC.:0028920256 15W 4000K 1500lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	45712
L_0~180(75)av	43398
L_0~180(85)av	52178
L_90~270(65)av	45722
L_90~270(75)av	43698
L_90~270(85)av	55028
L_45(65)av	45670
L_45(75)av	43469
L_45(85)av	53675

Standard: GB/T 29293-2012

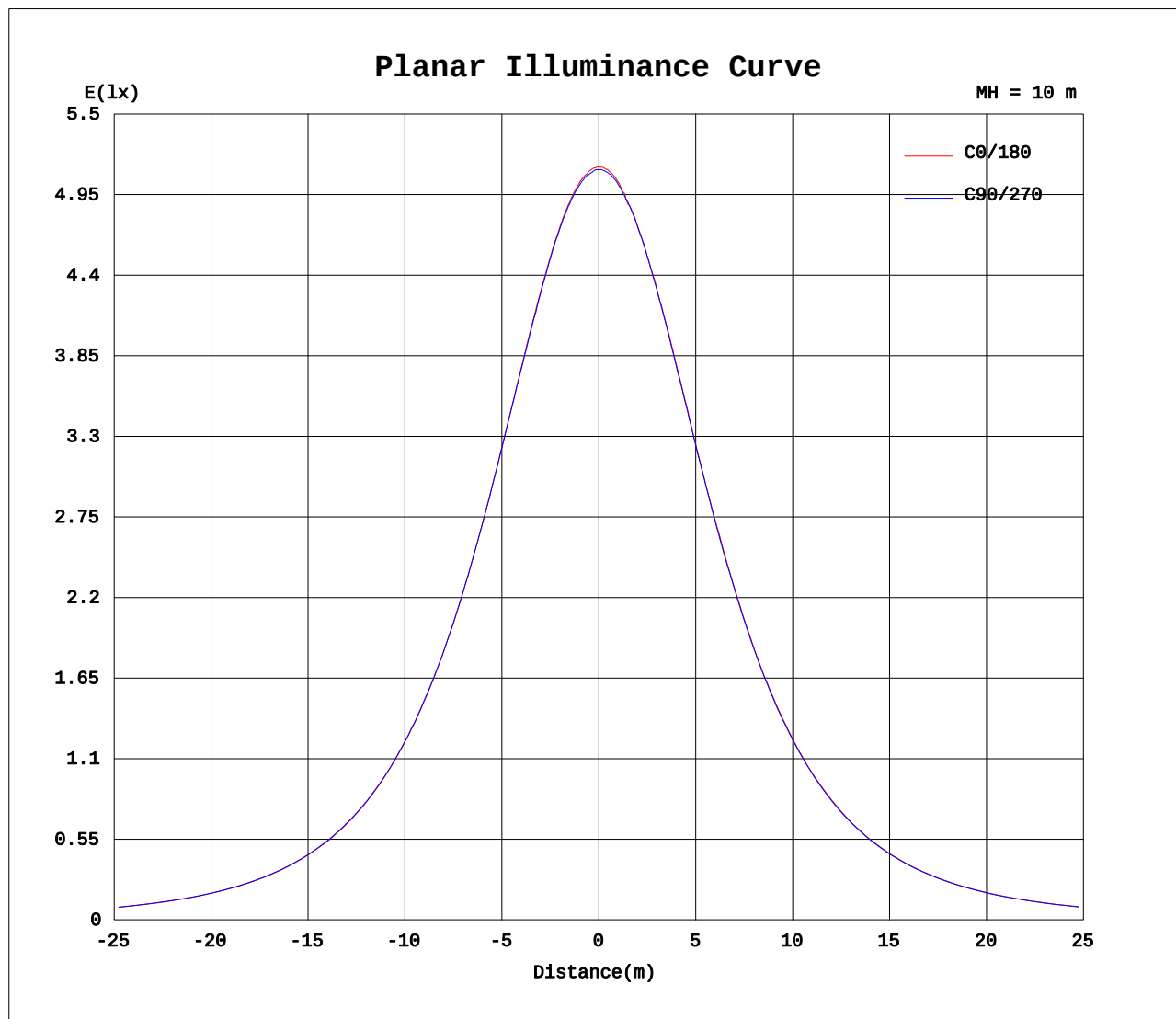
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:
Test Date:2025-03-24

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:0.07A P:15W PF:0.9 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-15W-4000K	TYPE: LED	WEIGHT:
SPEC.:0028920256 15W 4000K 1500lm	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	514	512	512	512	514	512	512	512										
5	511	510	510	510	512	511	510	509										
10	505	503	503	502	504	503	504	503										
15	493	492	492	492	494	493	494	492										
20	477	476	476	477	480	479	479	477										
25	458	457	457	458	461	459	459	457										
30	434	434	434	436	438	438	437	434										
35	407	407	407	408	412	411	411	408										
40	377	377	377	379	381	382	380	378										
45	343	344	345	346	350	348	348	345										
50	308	308	309	311	314	313	312	309										
55	270	271	272	274	276	275	274	271										
60	231	232	232	234	237	236	235	232										
65	190	191	192	194	196	195	194	191										
70	149	151	152	153	155	154	154	151										
75	110	111	112	113	115	114	114	111										
80	73.0	75.3	76.7	77.3	77.6	78.4	78.5	75.4										
85	43.8	45.9	47.2	47.3	47.2	48.1	48.7	45.9										
90	22.3	23.8	25.0	24.7	24.4	24.2	26.3	24.2										
95	8.83	9.05	11.0	8.02	9.71	7.28	11.7	8.72										
100	2.11	1.31	1.33	1.20	2.17	1.14	1.25	1.19										
105	1.42	1.48	1.39	1.40	1.34	1.26	1.39	1.26										
110	1.59	1.75	1.77	1.63	1.54	1.47	1.69	1.48										
115	1.80	1.99	2.01	1.87	1.72	1.62	1.86	1.81										
120	1.99	2.20	2.45	2.10	1.92	1.82	2.10	1.95										
125	2.24	2.38	2.68	2.36	2.18	1.95	2.35	2.39										
130	2.47	2.61	2.84	2.56	2.37	2.17	2.55	2.40										
135	2.60	2.80	3.21	2.63	2.52	2.45	2.89	2.51										
140	2.82	2.98	3.41	2.78	2.70	2.67	3.07	2.74										
145	3.04	3.13	3.27	3.02	2.98	2.81	3.10	2.92										
150	3.26	3.31	3.26	3.19	3.12	3.09	3.15	3.17										
155	3.25	3.33	3.26	3.28	3.20	3.25	3.21	3.15										
160	3.34	3.44	3.35	3.40	3.39	3.25	3.42	3.37										
165	3.45	3.89	3.77	3.47	3.45	3.45	3.78	3.68										
170	3.74	4.25	3.98	3.58	3.60	3.66	4.10	4.16										
175	4.40	4.77	4.14	3.93	4.04	3.97	4.27	4.74										
180	5.21	5.06	5.10	5.09	5.23	5.05	5.09	5.10										

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
Humidity:56%
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