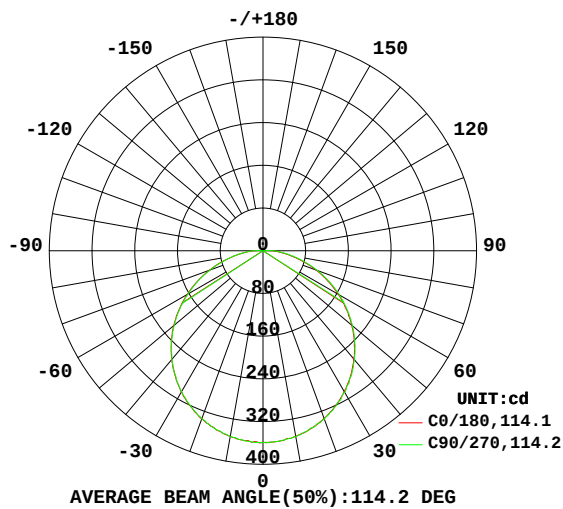


LUMINAIRE PHOTOMETRIC TEST REPORT

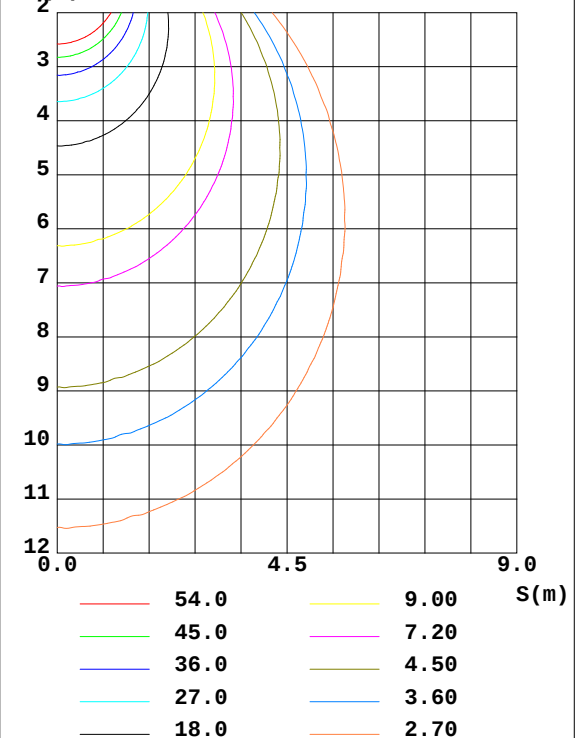
Test:U:220-240V I:0.05A P:10W PF:0.9 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: BHD3S-TC-10W-6500K	TYPE: LED	WEIGHT:
SPEC.:0028920256 10W 6500K 1000lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 100 lm/W			
MODEL		Imax(cd)	300	S/MH(C0/180)	1.27
NOMINAL POWER(W)	10W	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	220-240	TOTAL FLUX(lm)	1000	η UP, DN(C0-180)	0.8, 49.4
NOMINAL FLUX(lm)	1000	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.7, 49.1
LAMPS INSIDE	1	η up(%)	1.5	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)		η down(%)	98.5	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



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	357.8	358.0	357.9	357.9	356.9	357.5	357.8	357.6	0- 5	8.569	8.569	0.79,0.79
10	352.8	352.4	353.5	353.0	353.1	353.5	353.1	353.4	5- 10	25.41	33.98	3.13,3.13
15	345.1	345.9	343.9	345.4	345.6	345.4	345.4	344.8	10- 15	41.41	75.39	6.93,6.93
20	334.4	334.7	335.5	335.2	334.9	334.5	335.1	334.6	15- 20	56.03	131.4	12.1,12.1
25	320.8	321.8	321.8	321.9	321.5	320.8	321.0	320.7	20- 25	68.81	200.2	18.4,18.4
30	304.2	304.4	305.9	306.0	305.6	304.5	304.5	304.6	25- 30	79.26	279.5	25.7,25.7
35	286.1	286.4	287.4	287.3	286.5	285.9	285.3	286.5	30- 35	87.11	366.6	33.7,33.7
40	264.3	266.2	266.5	266.8	266.1	264.9	265.8	265.3	35- 40	92.09	458.7	42.2,42.2
45	242.3	243.2	243.2	243.3	243.0	242.0	242.2	242.0	40- 45	94.08	552.8	50.8,50.8
50	217.2	218.3	219.0	218.5	218.5	217.0	217.4	217.0	45- 50	93.03	645.8	59.4,59.4
55	189.8	192.3	192.4	191.9	191.9	190.3	190.3	190.3	50- 55	88.93	734.7	67.6,67.6
60	162.8	164.8	165.3	165.0	164.2	162.7	162.7	162.3	55- 60	82.02	816.8	75.1,75.1
65	134.2	136.2	136.7	136.4	135.8	134.1	134.3	133.9	60- 65	72.63	889.4	81.8,81.8
70	105.6	108.1	108.5	108.1	107.1	105.9	105.8	105.2	65- 70	61.21	950.6	87.4,87.4
75	77.82	80.30	80.82	79.96	79.00	77.85	78.14	77.64	70- 75	48.43	999.0	91.9,91.9
80	52.21	54.98	55.70	54.62	52.74	52.51	53.28	52.51	75- 80	35.25	1034	95.1,95.1
85	31.48	33.90	34.48	33.31	31.83	31.82	32.83	31.85	80- 85	23.21	1057	97.3,97.3
90	16.07	17.73	18.38	17.44	16.29	15.64	17.46	16.55	85- 90	13.36	1071	98.5,98.5
95	6.182	6.131	8.003	5.160	6.515	4.870	7.737	5.467	90- 95	6.250	1077	99.1,99.1
100	1.333	0.9025	0.8783	0.8490	1.571	0.7873	0.8273	0.8720	95-100	1.448	1079	99.2,99.2
105	0.9505	1.034	0.9287	1.013	0.9715	0.8676	0.9824	0.9161	100-105	0.4902	1079	99.2,99.2
110	1.104	1.220	1.104	1.168	1.136	1.085	1.179	1.089	105-110	0.5499	1080	99.3,99.3
115	1.261	1.406	1.414	1.343	1.271	1.159	1.405	1.207	110-115	0.6180	1080	99.4,99.4
120	1.414	1.602	1.604	1.469	1.365	1.287	1.561	1.394	115-120	0.6726	1081	99.4,99.4
125	1.558	1.809	1.901	1.622	1.550	1.425	1.674	1.467	120-125	0.7146	1082	99.5,99.5
130	1.756	1.885	2.034	1.725	1.736	1.527	2.091	1.624	125-130	0.7458	1082	99.5,99.5
135	1.849	1.976	2.108	1.881	1.850	1.730	2.166	1.758	130-135	0.7510	1083	99.6,99.6
140	1.950	2.026	2.438	2.078	1.882	1.838	2.348	1.860	135-140	0.7393	1084	99.7,99.7
145	2.065	2.356	2.317	2.149	2.036	2.128	2.272	2.096	140-145	0.7072	1085	99.7,99.7
150	2.242	2.383	2.249	2.268	2.253	2.208	2.222	2.333	145-150	0.6550	1085	99.8,99.8
155	2.346	2.408	2.242	2.314	2.278	2.279	2.284	2.321	150-155	0.5798	1086	99.9,99.9
160	2.347	2.521	2.306	2.428	2.346	2.395	2.449	2.427	155-160	0.4925	1086	99.9,99.9
165	2.451	2.749	2.470	2.490	2.458	2.448	2.646	2.604	160-165	0.4086	1087	99.9,99.9
170	2.550	2.965	2.573	2.563	2.593	2.489	2.883	2.756	165-170	0.3065	1087	100,100
175	3.057	3.224	2.779	2.903	3.121	2.748	3.121	3.139	170-175	0.1988	1087	100,100
180	3.771	3.616	3.544	3.606	3.771	3.595	3.533	3.616	175-180	0.0776	1087	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 552.78 lm

%lum = 50.8%

%lamp = 50.8%

Conical surface Flux(120deg): 816.76 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

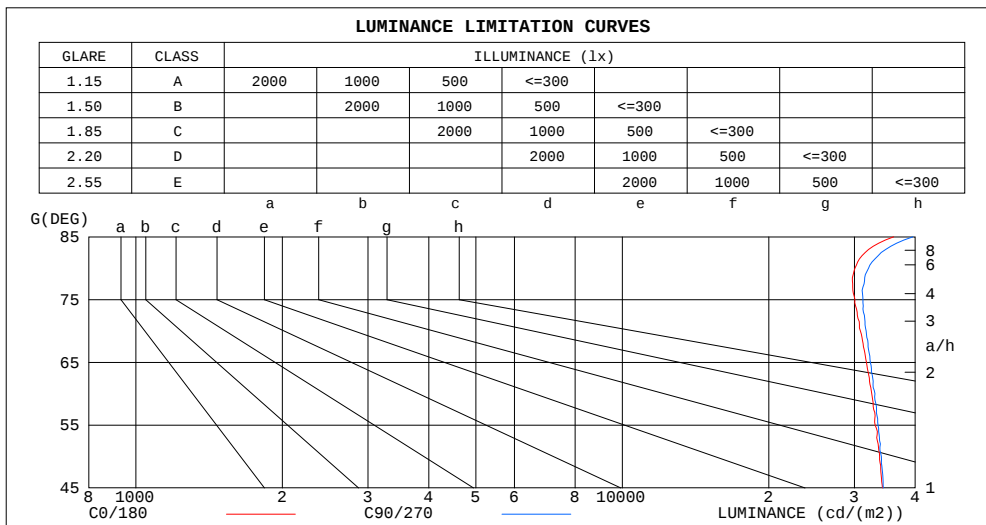
Checker: CHENXIAOFU

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:0.05A P:10W PF:0.9 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: BHD3S-TC-10W-6500K	TYPE: LED	WEIGHT:
SPEC.:0028920256 10W 6500K 1000lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	36124	39563
80	30066	32075
75	30067	31226
70	30865	31718
65	31758	32352
60	32553	33055
55	33097	33550
50	33786	34072
45	34263	34389

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

Checker: CHENXIAOFU

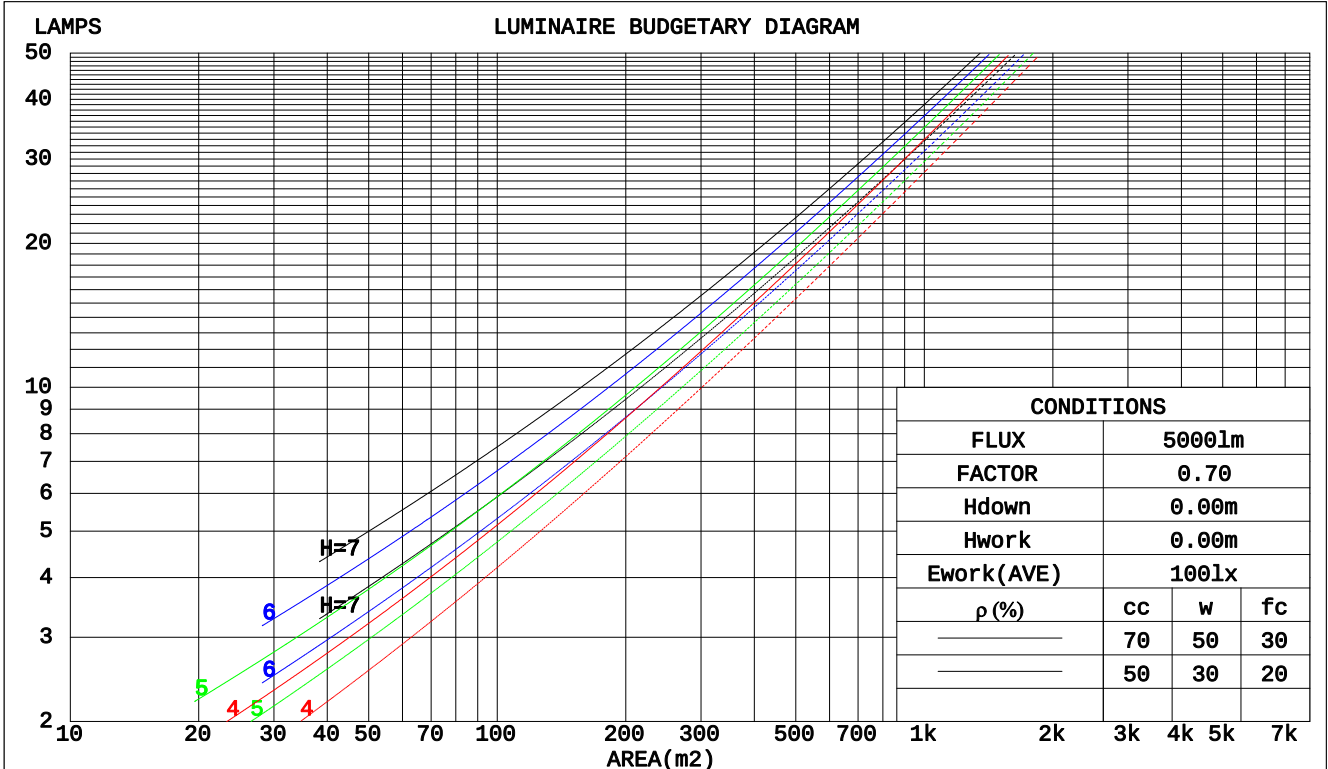
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
 Humidity:56%
 Test Distance:11.834m [K=1.0000]
 Remarks:

Assessor: Ju Hongli

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220-240V I:0.05A P:10W PF:0.9 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: BHD3S-TC-10W-6500K	TYPE: LED	WEIGHT:
SPEC.:0028920256 10W 6500K 1000lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	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	1.19	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:0.05A P:10W PF:0.9 Freq:50.00Hz Lamp Flux:1000x1 lm					
NAME: BHD3S-TC-10W-6500K			TYPE:LED		WEIGHT:
SPEC.:0028920256 10W 6500K 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	.329	.187	.059	.322	.184	.058	.308	.176	.056	.294	.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	.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:0.05A P:10W PF:0.9 Freq:50.00Hz Lamp Flux:1000x1 lm											
NAME: BHD3S-TC-10W-6500K						TYPE:LED			WEIGHT:		
SPEC.:0028920256 10W 6500K 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	24.6	26.2	24.9	26.4	26.6	24.7	26.2	25.0	26.5	26.7	
	3H	26.3	27.7	26.6	27.9	28.2	26.3	27.8	26.7	28.0	28.3
	4H	27.0	28.3	27.3	28.6	28.9	27.1	28.4	27.4	28.7	29.0
	6H	27.5	28.8	27.9	29.1	29.4	27.7	29.0	28.0	29.3	29.6
	8H	27.8	29.0	28.1	29.3	29.6	27.9	29.2	28.3	29.5	29.8
	12H	28.0	29.2	28.4	29.5	29.8	28.2	29.4	28.6	29.7	30.0
4H	2H	25.3	26.6	25.6	26.9	27.2	25.3	26.7	25.7	27.0	27.2
	3H	27.1	28.3	27.5	28.6	29.0	27.2	28.4	27.6	28.7	29.0
	4H	27.9	29.0	28.3	29.4	29.7	28.0	29.1	28.4	29.5	29.8
	6H	28.7	29.6	29.1	30.0	30.4	28.8	29.8	29.2	30.1	30.6
	8H	29.0	29.9	29.4	30.3	30.7	29.1	30.1	29.6	30.4	30.9
	12H	29.3	30.1	29.7	30.5	31.0	29.5	30.3	29.9	30.7	31.2
8H	4H	28.3	29.2	28.7	29.6	30.0	28.4	29.3	28.8	29.7	30.1
	6H	29.2	30.0	29.7	30.4	30.8	29.3	30.1	29.8	30.5	31.0
	8H	29.6	30.3	30.1	30.8	31.2	29.8	30.5	30.3	30.9	31.4
	12H	30.1	30.7	30.6	31.1	31.6	30.3	30.9	30.8	31.3	31.8
12H	4H	28.3	29.1	28.8	29.6	30.0	28.4	29.2	28.8	29.6	30.1
	6H	29.3	30.0	29.8	30.4	30.9	29.4	30.1	29.9	30.5	31.0
	8H	29.8	30.4	30.3	30.9	31.4	30.0	30.5	30.5	31.0	31.5
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, 1087 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 0.3$)

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:0.05A P:10W PF:0.9 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: BHD3S-TC-10W-6500K	TYPE:LED	WEIGHT:
SPEC.:0028920256 10W 6500K 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	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

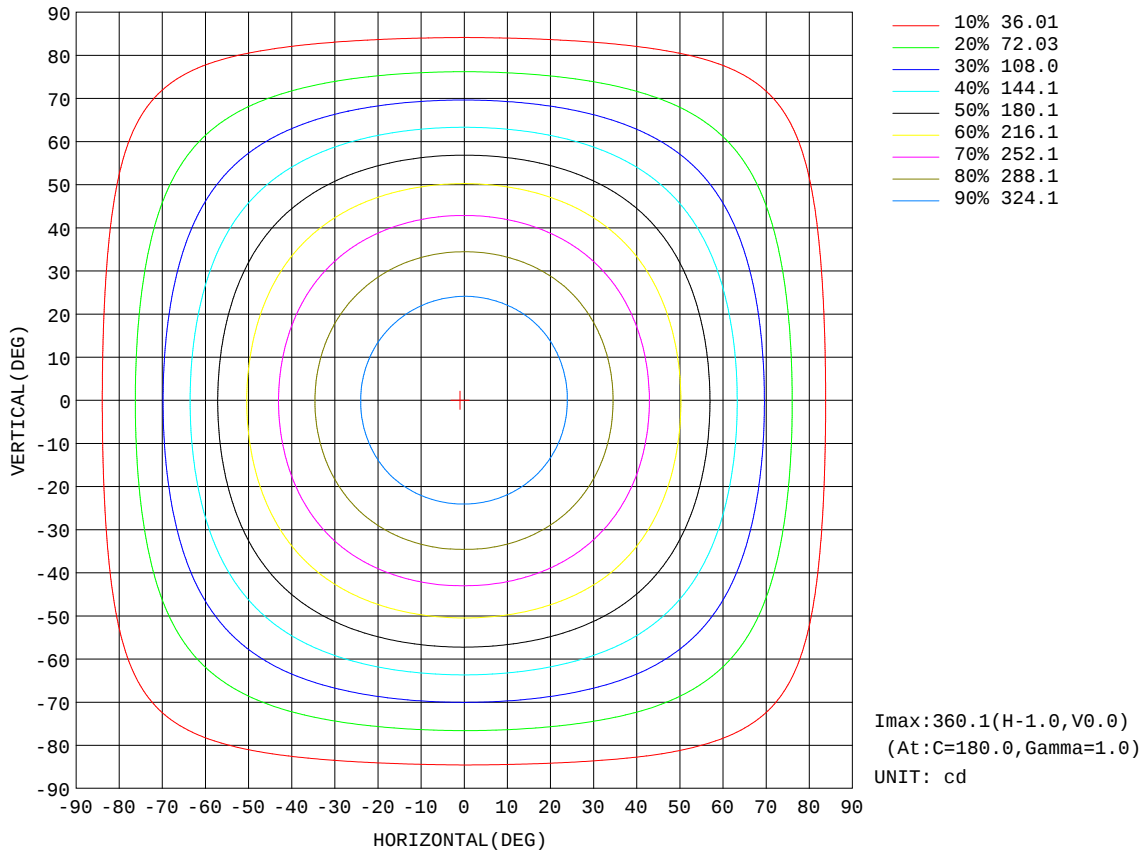
Checker: CHENXIAOFU

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:0.05A P:10W PF:0.9 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: BHD3S-TC-10W-6500K	TYPE: LED	WEIGHT:
SPEC.:0028920256 10W 6500K 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

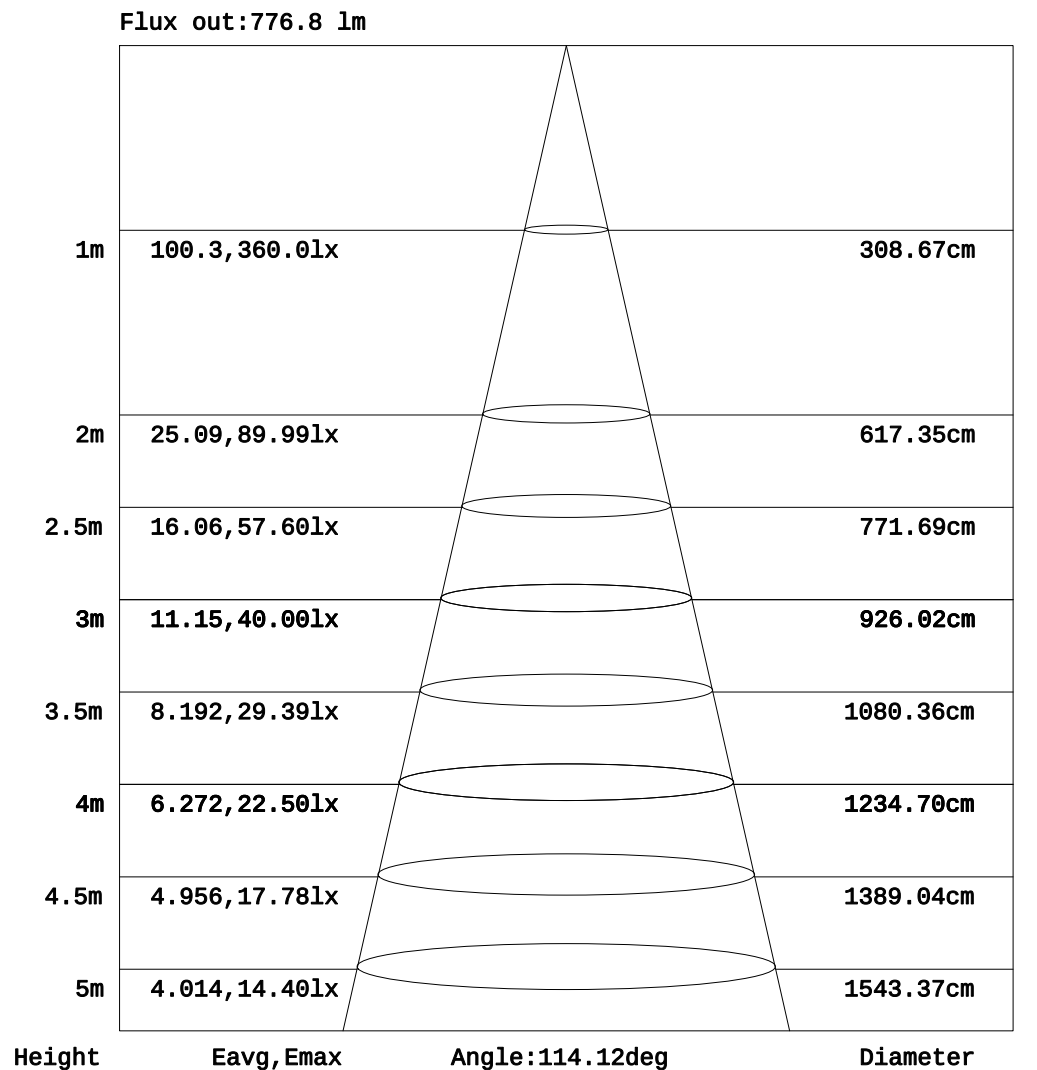
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-2000A_V1 SYSTEM V2.0.366
Humidity: 56%
Test Distance: 11.834m [K=1.0000]
Remarks:

Checker: CHENXIAOFU

Assessor: Ju Hongli

AAI Figure

Test:U:220-240V I:0.05A P:10W PF:0.9 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: BHD3S-TC-10W-6500K	TYPE:LED	WEIGHT:
SPEC.:0028920256 10W 6500K 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

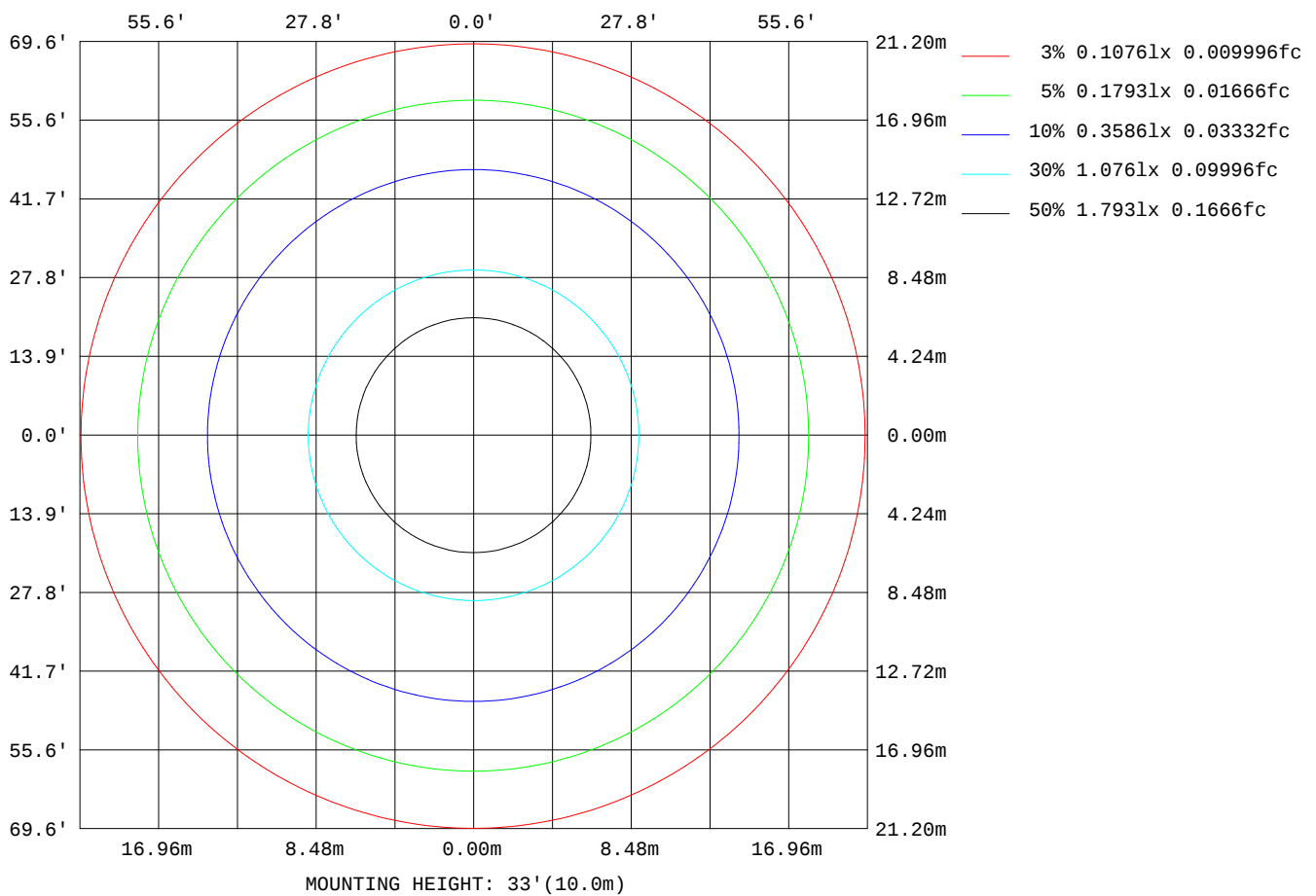
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
Humidity:56%
Test Distance:11.834m [K=1.0000]
Remarks:

Checker: CHENXIAOFU

Assessor: Ju Hongli

ISOLUX DIAGRAM

Test:U:220-240V I:0.05A P:10W PF:0.9 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: BHD3S-TC-10W-6500K	TYPE: LED	WEIGHT:
SPEC.:0028920256 10W 6500K 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:0.05A P:10W PF:0.9 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: BHD3S-TC-10W-6500K	TYPE:LED	WEIGHT:
SPEC.:0028920256 10W 6500K 1000lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	31944
L_0~180(75)av	30296
L_0~180(85)av	36323
L_90~270(65)av	32062
L_90~270(75)av	30709
L_90~270(85)av	38617
L_45(65)av	31979
L_45(75)av	30499
L_45(85)av	37545

Standard: GB/T 29293-2012

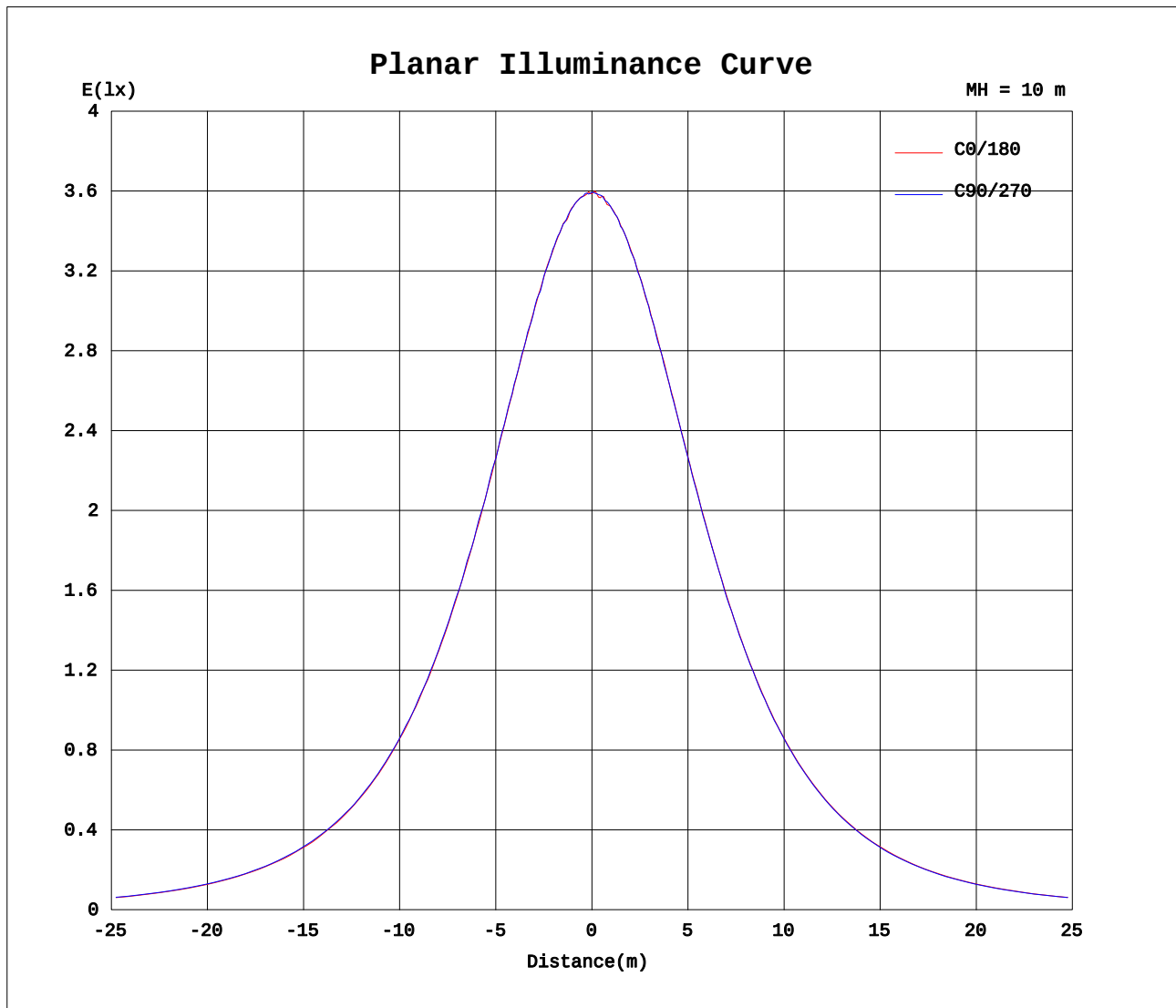
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:
Test Date:2025-03-24

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:0.05A P:10W PF:0.9 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: BHD3S-TC-10W-6500K	TYPE: LED	WEIGHT:
SPEC.:0028920256 10W 6500K 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	359	359	359	359	359	359	359	359										
5	358	358	358	358	357	357	358	358										
10	353	352	353	353	353	354	353	353										
15	345	346	344	345	346	345	345	345										
20	334	335	336	335	335	334	335	335										
25	321	322	322	322	321	321	321	321										
30	304	304	306	306	306	305	304	305										
35	286	286	287	287	286	286	285	286										
40	264	266	267	267	266	265	266	265										
45	242	243	243	243	243	242	242	242										
50	217	218	219	219	218	217	217	217										
55	190	192	192	192	192	190	190	190										
60	163	165	165	165	164	163	163	162										
65	134	136	137	136	136	134	134	134										
70	106	108	108	108	107	106	106	105										
75	77.8	80.3	80.8	80.0	79.0	77.8	78.1	77.6										
80	52.2	55.0	55.7	54.6	52.7	52.5	53.3	52.5										
85	31.5	33.9	34.5	33.3	31.8	31.8	32.8	31.9										
90	16.1	17.7	18.4	17.4	16.3	15.6	17.5	16.6										
95	6.18	6.13	8.00	5.16	6.51	4.87	7.74	5.47										
100	1.33	0.90	0.88	0.85	1.57	0.79	0.83	0.87										
105	0.95	1.03	0.93	1.01	0.97	0.87	0.98	0.92										
110	1.10	1.22	1.10	1.17	1.14	1.08	1.18	1.09										
115	1.26	1.41	1.41	1.34	1.27	1.16	1.41	1.21										
120	1.41	1.60	1.68	1.47	1.36	1.29	1.56	1.39										
125	1.56	1.81	1.90	1.62	1.55	1.42	1.67	1.47										
130	1.76	1.88	2.03	1.73	1.74	1.53	2.09	1.62										
135	1.85	1.98	2.11	1.88	1.85	1.73	2.17	1.76										
140	1.95	2.03	2.44	2.08	1.88	1.84	2.35	1.86										
145	2.07	2.36	2.32	2.15	2.04	2.13	2.27	2.10										
150	2.24	2.38	2.25	2.27	2.25	2.21	2.22	2.33										
155	2.35	2.41	2.24	2.31	2.28	2.28	2.28	2.32										
160	2.35	2.52	2.40	2.43	2.35	2.39	2.45	2.43										
165	2.45	2.75	2.47	2.49	2.46	2.45	2.65	2.60										
170	2.55	2.97	2.57	2.56	2.59	2.49	2.88	2.76										
175	3.06	3.22	2.78	2.90	3.12	2.75	3.12	3.14										
180	3.77	3.62	3.54	3.61	3.77	3.60	3.53	3.62										

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