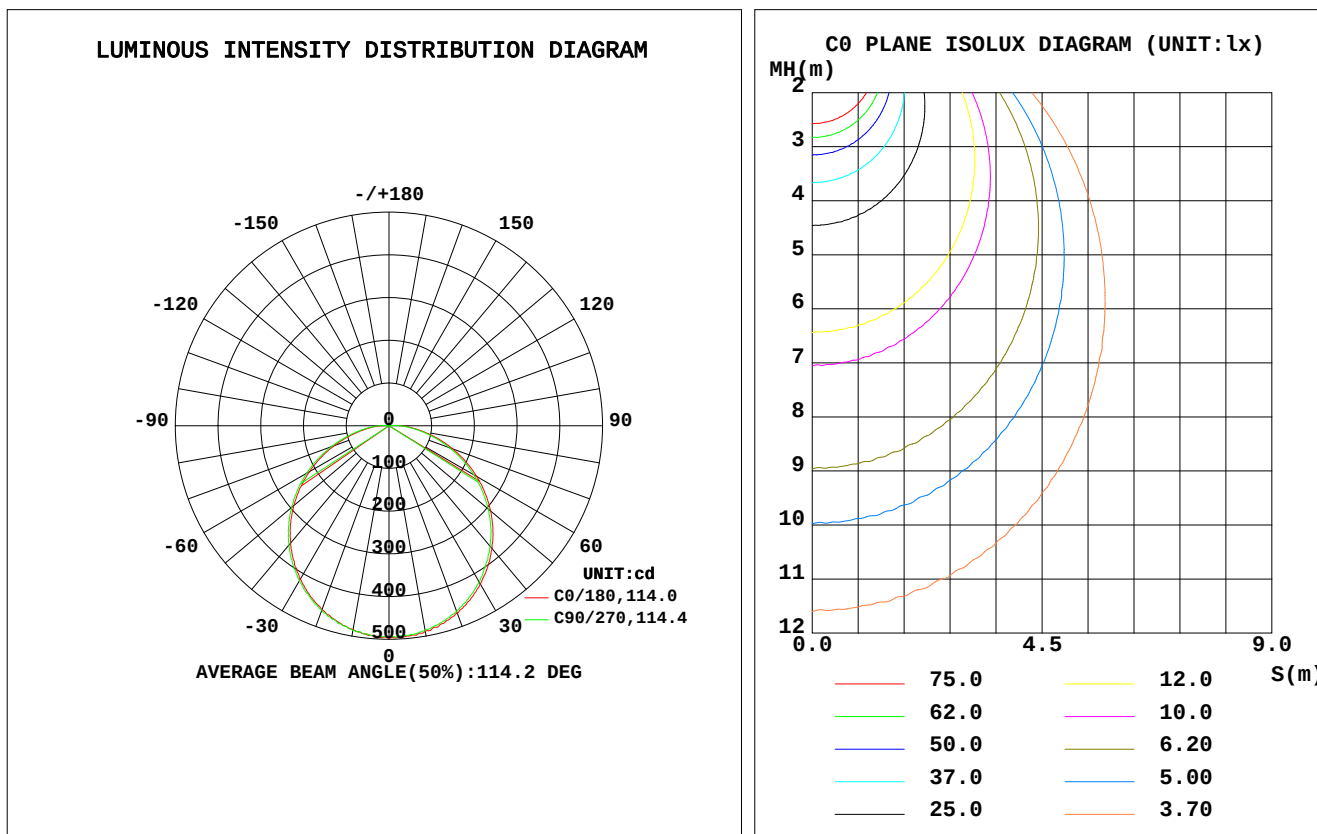


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220-240V I:0.085A P:16W PF:0.75 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-S-16W-4000K	TYPE:LED	WEIGHT:
SPEC.:0028920257 16W 4000K 1500lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 93.75 lm/W			
MODEL		Imax(cd)	450	S/MH(C0/180)	1.24
NOMINAL POWER(W)	16W	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	220-240	TOTAL FLUX(lm)	1500	η UP, DN(C0-180)	0.8, 50.1
NOMINAL FLUX(lm)	1500	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.7, 48.4
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	493.9	493.7	492.9	491.0	491.9	492.5	493.1	491.5	0- 5	11.80	11.80	0.79,0.79
10	488.3	488.3	487.4	483.7	484.8	484.3	486.1	485.9	5- 10	35.01	46.81	3.12,3.12
15	479.8	479.0	476.9	472.4	473.3	472.6	474.5	475.2	10- 15	57.04	103.8	6.92,6.92
20	466.8	466.5	462.3	457.0	458.2	456.7	459.8	461.6	15- 20	77.20	181.0	12.1,12.1
25	449.8	448.2	443.5	438.8	438.6	437.6	441.2	444.2	20- 25	94.77	275.8	18.4,18.4
30	427.3	426.9	421.7	416.2	415.3	414.5	419.1	423.1	25- 30	109.2	385.0	25.7,25.7
35	403.0	402.5	395.7	389.4	386.9	387.2	393.3	396.4	30- 35	120.0	505.0	33.7,33.7
40	376.0	374.6	368.3	359.3	358.7	358.0	364.5	368.7	35- 40	126.9	631.9	42.1,42.1
45	344.0	344.0	336.9	329.1	325.9	326.0	332.6	338.0	40- 45	129.7	761.6	50.8,50.8
50	310.7	310.1	303.1	294.3	291.1	290.4	297.7	304.2	45- 50	128.2	889.8	59.3,59.3
55	274.3	274.3	266.7	257.8	254.3	253.1	261.2	267.2	50- 55	122.5	1012	67.5,67.5
60	237.2	236.9	228.8	219.4	214.5	214.1	222.8	230.2	55- 60	113.0	1125	75,75
65	198.2	198.4	190.3	180.6	175.6	175.0	183.2	191.4	60- 65	100.1	1225	81.7,81.7
70	158.5	159.3	151.3	141.3	136.2	135.6	143.7	152.2	65- 70	84.44	1310	87.3,87.3
75	119.9	120.5	112.8	103.2	98.14	98.06	105.9	113.9	70- 75	66.87	1377	91.8,91.8
80	83.49	84.65	77.71	69.63	64.71	65.03	71.72	79.10	75- 80	48.85	1426	95.1,95.1
85	52.92	53.63	48.34	41.92	38.01	38.43	43.88	49.31	80- 85	32.36	1458	97.2,97.2
90	29.02	29.70	26.16	21.66	18.90	18.95	23.05	26.56	85- 90	18.84	1477	98.5,98.5
95	12.84	9.431	11.24	7.002	7.112	6.648	9.869	8.919	90- 95	8.991	1486	99.1,99.1
100	3.775	1.465	1.174	1.189	1.678	1.136	1.347	1.179	95-100	2.224	1488	99.2,99.2
105	1.282	1.322	1.260	1.415	1.365	1.250	1.312	1.178	100-105	0.7107	1489	99.3,99.3
110	1.446	1.571	1.487	1.615	1.592	1.508	1.550	1.415	105-110	0.7348	1489	99.3,99.3
115	1.751	1.830	1.805	1.870	1.819	1.798	1.808	1.611	110-115	0.8351	1490	99.4,99.4
120	1.828	2.098	2.066	2.006	1.932	1.845	2.040	1.788	115-120	0.9078	1491	99.4,99.4
125	2.087	2.367	2.472	2.180	2.139	1.982	2.378	1.942	120-125	0.9547	1492	99.5,99.5
130	2.469	2.477	2.624	2.346	2.469	2.158	2.728	2.103	125-130	0.9999	1493	99.6,99.6
135	2.509	2.512	2.856	2.573	2.625	2.404	2.862	2.363	130-135	1.010	1494	99.6,99.6
140	2.616	2.666	3.253	2.760	2.667	2.541	3.164	2.570	135-140	0.9923	1495	99.7,99.7
145	2.769	3.007	3.309	2.955	2.812	2.883	3.242	2.675	140-145	0.9537	1496	99.8,99.8
150	3.117	3.129	3.027	3.122	3.017	3.100	3.007	3.035	145-150	0.8863	1497	99.8,99.8
155	3.125	3.194	3.127	3.152	3.152	3.110	3.100	3.092	150-155	0.7846	1498	99.9,99.9
160	3.151	3.297	3.171	3.410	3.235	3.202	3.235	3.242	155-160	0.6641	1498	99.9,99.9
165	3.301	3.596	3.337	3.379	3.433	3.259	3.410	3.502	160-165	0.5485	1499	99.9,99.9
170	3.419	3.833	3.482	3.461	3.514	3.337	3.679	3.734	165-170	0.4109	1499	100,100
175	3.957	4.133	3.812	3.751	4.196	3.748	4.071	3.978	170-175	0.2640	1500	100,100
180	5.104	4.897	4.443	4.939	5.094	4.825	4.474	4.907	175-180	0.1008	1500	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

Conical surface Flux(90deg): 761.6 lm

%lum = 50.8%

%lamp = 50.8%

Conical surface Flux(120deg): 1125.3 lm

%lum = 75.0%

%lamp = 75.0%

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

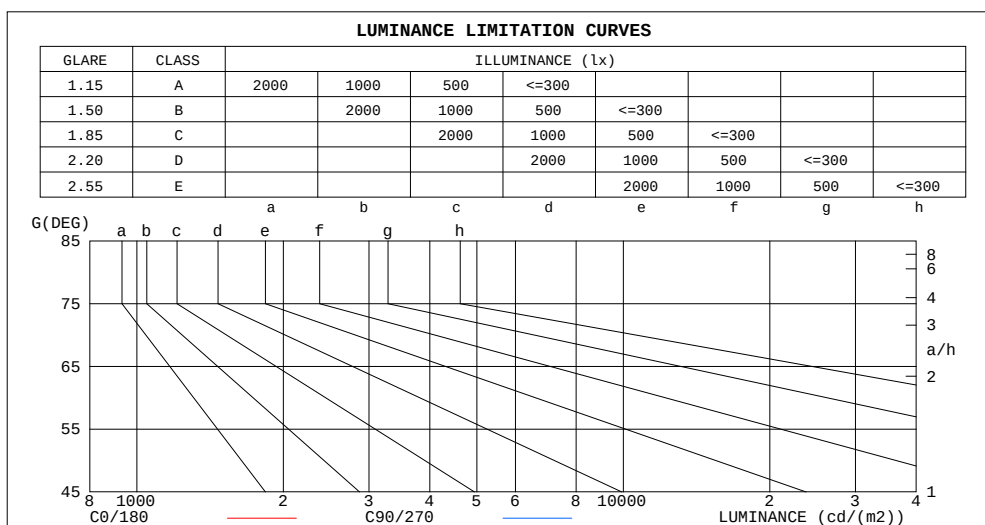
Checker: CHENXIAOFU

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:0.085A P:16W PF:0.75 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-S-16W-4000K	TYPE:LED	WEIGHT:
SPEC.:0028920257 16W 4000K 1500lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	60723	55466
80	48080	44753
75	46312	43600
70	46331	44223
65	46903	45018
60	47440	45752
55	47819	46498
50	48331	47159
45	48650	47645

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

Checker: CHENXIAOFU

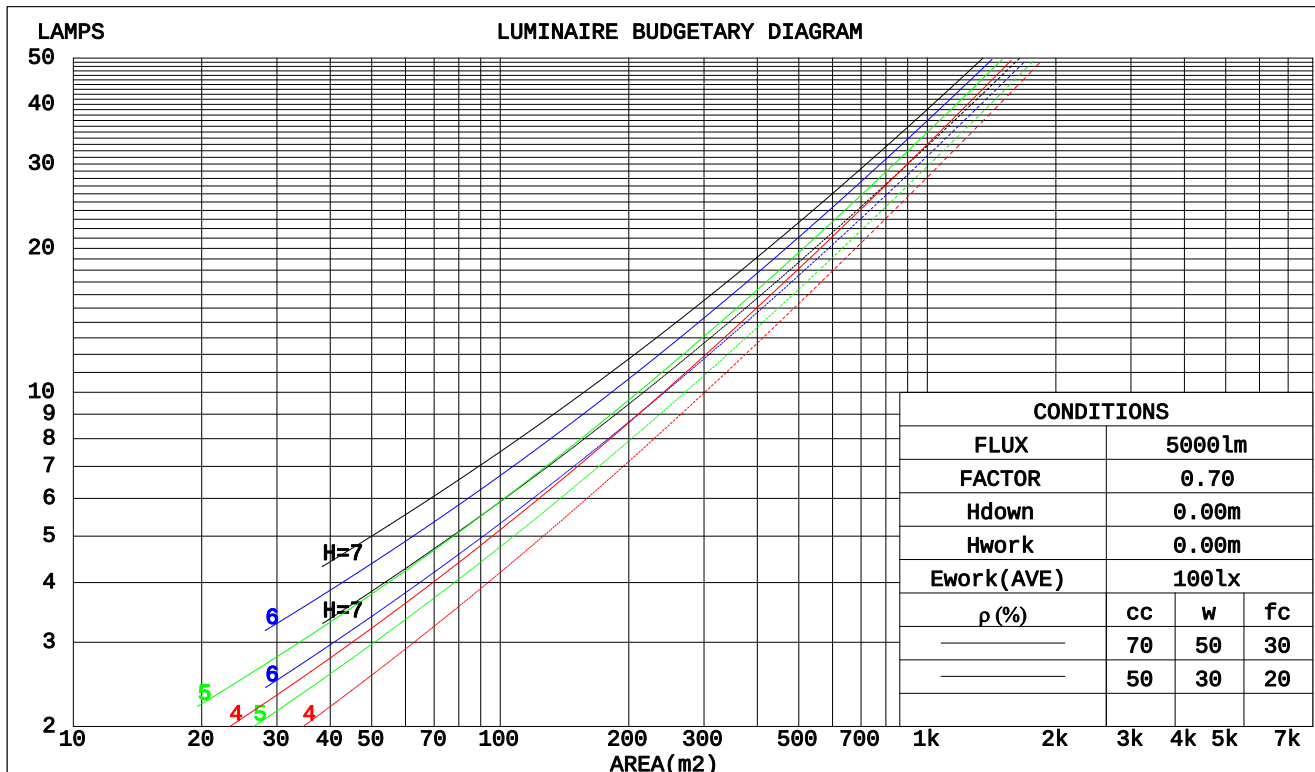
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
Humidity:56%
Test Distance:11.834m [K=1.0000]
Remarks:

Assessor: Ju Hongli

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220-240V I:0.085A P:16W PF:0.75 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-S-16W-4000K	TYPE:LED	WEIGHT:
SPEC.:0028920257 16W 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						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	.51	.45	.58	.50	.44	.56	.49	.44	.54	.48	.43	.41
6.0	.55	.46	.39	.54	.46	.39	.52	.44	.39	.50	.43	.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	.27	.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:0.085A P:16W PF:0.75 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-S-16W-4000K	TYPE:LED	WEIGHT:
SPEC.:0028920257 16W 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	.330	.188	.059	.322	.184	.058	.308	.177	.056	.295	.170	.055	.283	.164	.053		
2.0	.303	.166	.051	.297	.163	.050	.284	.158	.049	.272	.153	.048	.262	.148	.047		
3.0	.278	.148	.044	.272	.145	.044	.260	.141	.043	.250	.137	.042	.240	.133	.041		
4.0	.255	.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	.188	.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	.145	.166	.144	.124	.113	.099	.086	.065	.057	.050	.021	.018	.016	
2.0	.186	.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	.031	.019	.014	.010	
4.0	.170	.113	.069	.146	.098	.060	.100	.068	.043	.058	.040	.025	.019	.013	.008	
5.0	.163	.103	.059	.140	.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	.088	.045	.128	.076	.039	.088	.053	.028	.051	.031	.017	.017	.010	.005	
8.0	.142	.082	.041	.122	.071	.035	.084	.050	.025	.049	.029	.015	.016	.010	.005	
9.0	.136	.077	.037	.117	.067	.032	.081	.047	.023	.047	.028	.014	.015	.009	.005	
10.0	.130	.073	.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:0.085A P:16W PF:0.75 Freq:50.00Hz Lamp Flux:1500x1 lm										
NAME: BHD3S-TC-S-16W-4000K					TYPE:LED			WEIGHT:		
SPEC.:0028920257 16W 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	24.9	26.5	25.2	26.7	26.9	24.8	26.4	25.1	26.6	26.8
3H	26.7	28.1	27.0	28.3	28.6	26.5	27.9	26.8	28.2	28.4
4H	27.4	28.8	27.8	29.0	29.3	27.2	28.6	27.5	28.8	29.1
6H	28.1	29.3	28.4	29.6	30.0	27.8	29.1	28.2	29.4	29.7
8H	28.4	29.6	28.7	29.9	30.2	28.1	29.3	28.5	29.6	30.0
12H	28.6	29.8	29.0	30.2	30.5	28.4	29.5	28.7	29.9	30.2
4H 2H	25.6	26.9	25.9	27.2	27.5	25.5	26.9	25.8	27.1	27.4
3H	27.5	28.7	27.9	29.0	29.4	27.4	28.6	27.7	28.9	29.2
4H	28.4	29.5	28.8	29.9	30.2	28.2	29.3	28.6	29.7	30.0
6H	29.2	30.2	29.7	30.6	31.0	29.0	30.0	29.4	30.4	30.8
8H	29.6	30.5	30.0	30.9	31.3	29.4	30.3	29.8	30.7	31.1
12H	30.0	30.8	30.4	31.2	31.7	29.7	30.5	30.2	30.9	31.4
8H 4H	28.8	29.7	29.2	30.1	30.5	28.6	29.5	29.1	29.9	30.3
6H	29.8	30.5	30.3	31.0	31.4	29.6	30.4	30.1	30.8	31.2
8H	30.3	31.0	30.8	31.4	31.9	30.1	30.7	30.6	31.2	31.7
12H	30.8	31.4	31.3	31.9	32.4	30.6	31.1	31.1	31.6	32.1
12H 4H	28.8	29.6	29.3	30.0	30.5	28.7	29.5	29.1	29.9	30.3
6H	29.9	30.6	30.4	31.0	31.5	29.7	30.4	30.2	30.8	31.3
8H	30.5	31.1	31.0	31.5	32.0	30.3	30.9	30.8	31.3	31.8
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, 1500 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 1.4$)

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:0.085A P:16W PF:0.75 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-S-16W-4000K	TYPE:LED	WEIGHT:
SPEC.:0028920257 16W 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	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

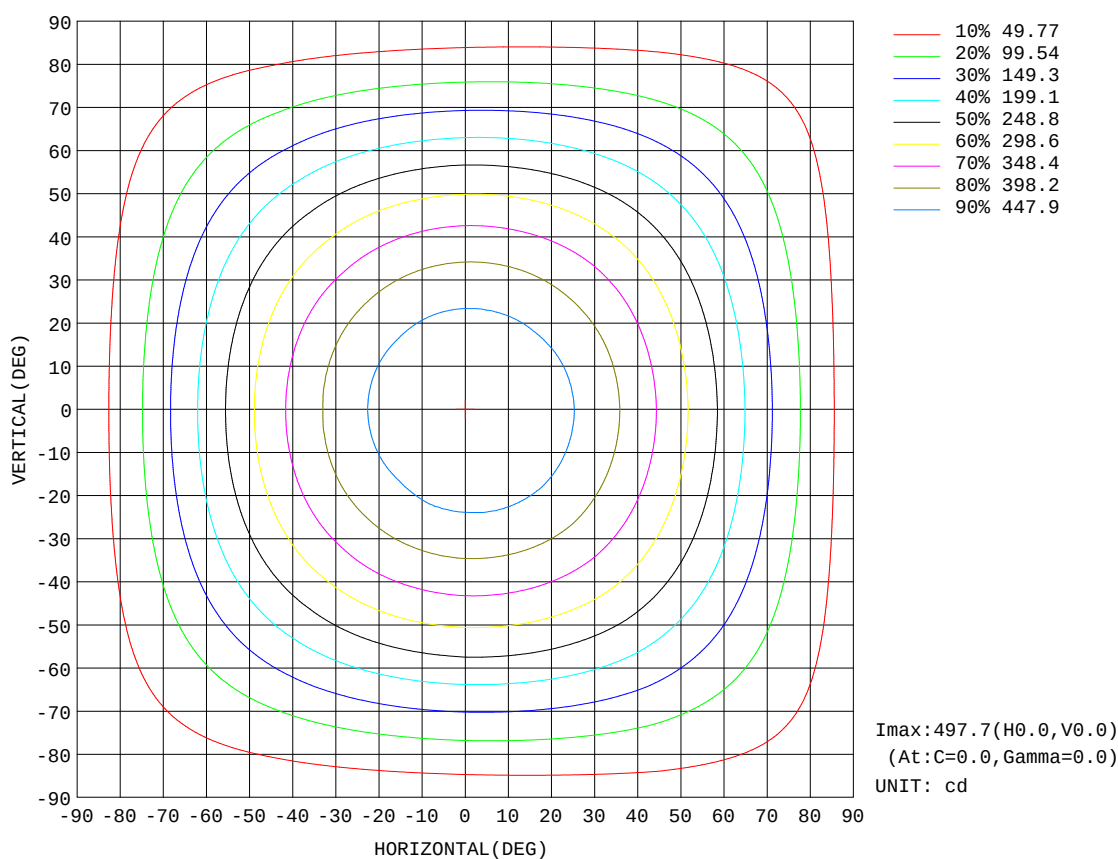
Checker: CHENXIAOFU

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:0.085A P:16W PF:0.75 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-S-16W-4000K	TYPE: LED	WEIGHT:
SPEC.:0028920257 16W 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

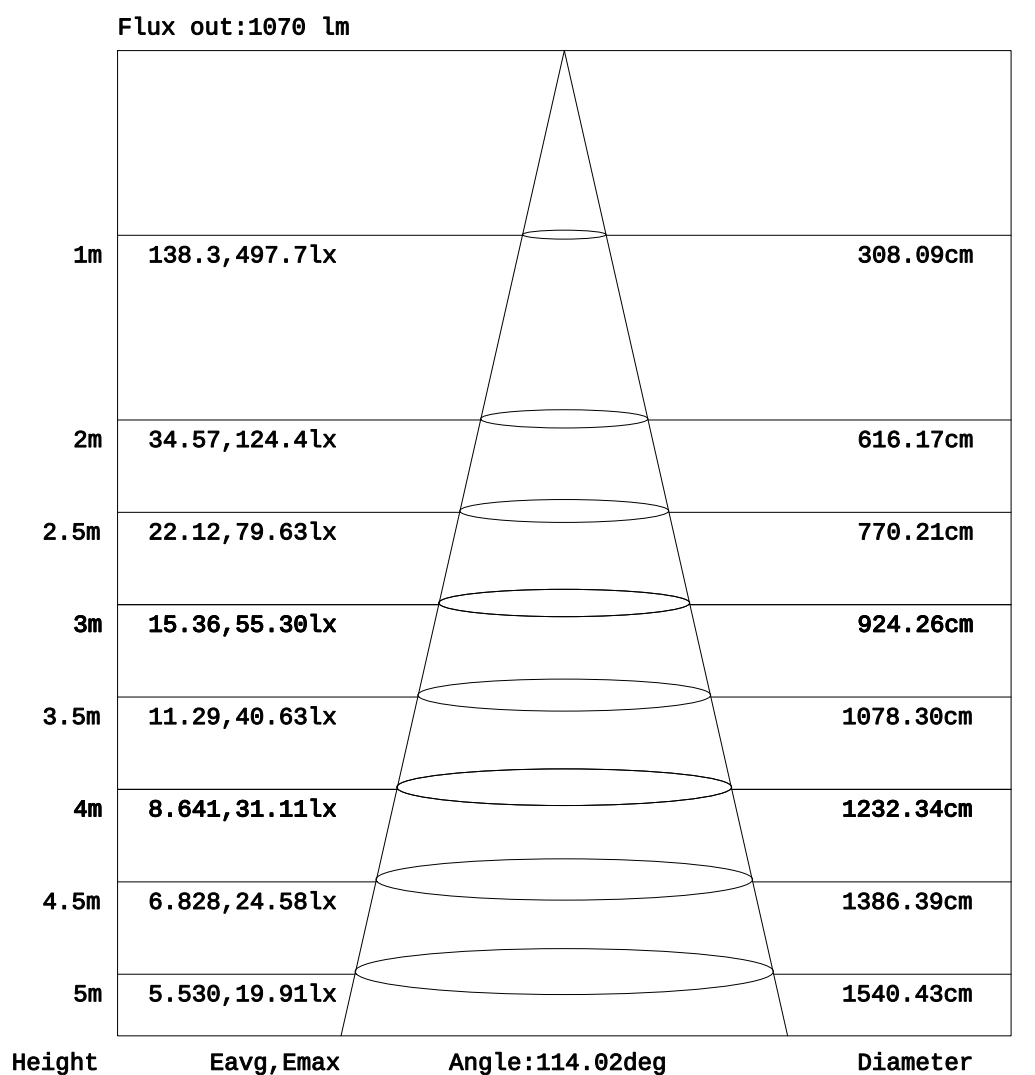
Checker: CHENXIAOFU

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:0.085A P:16W PF:0.75 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-S-16W-4000K	TYPE:LED	WEIGHT:
SPEC.:0028920257 16W 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

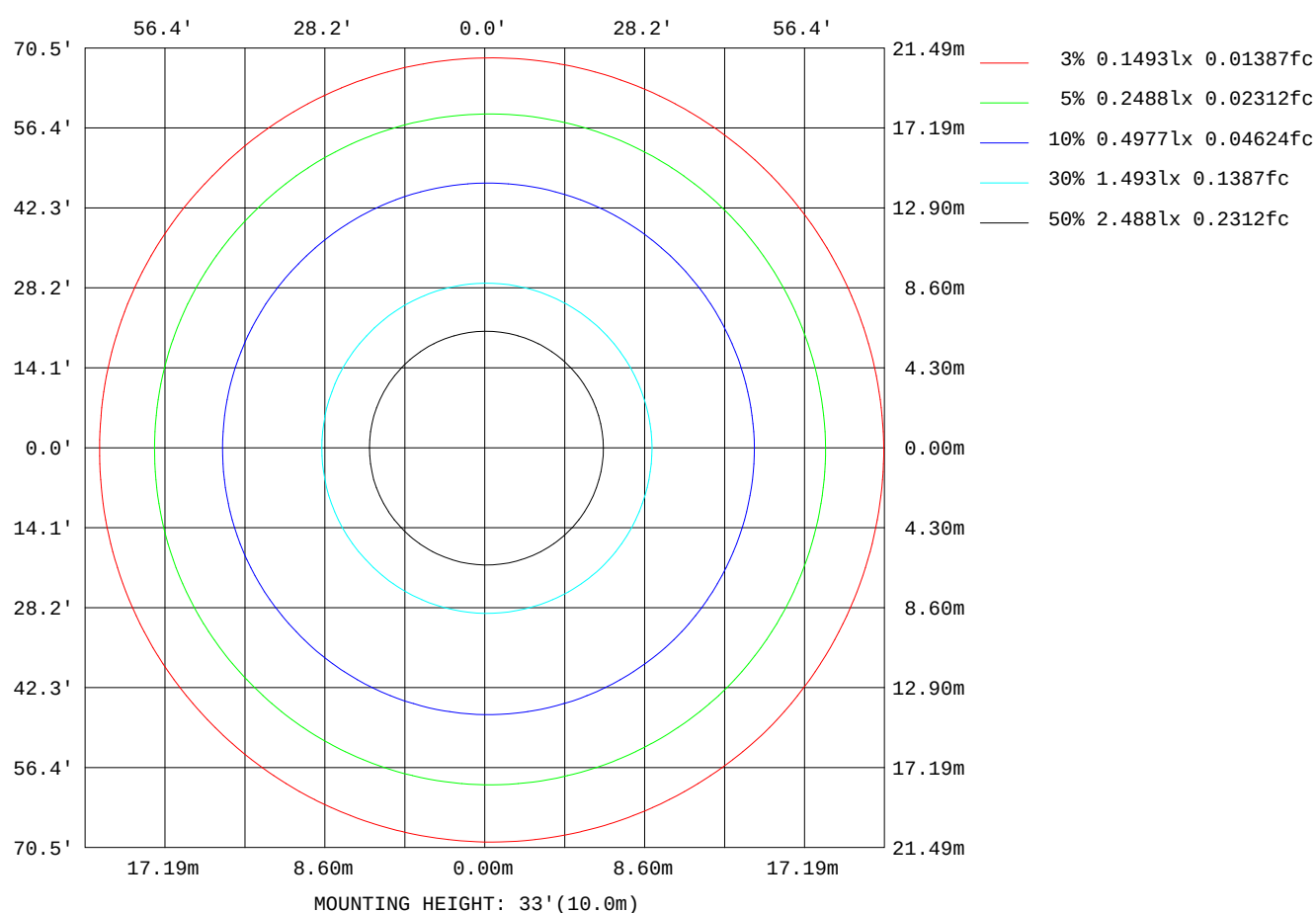
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
Humidity:56%
Test Distance:11.834m [K=1.0000]
Remarks:

Checker: CHENXIAOFU

Assessor: Ju Hongli

ISOLUX DIAGRAM

Test:U:220-240V I:0.085A P:16W PF:0.75 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-S-16W-4000K	TYPE: LED	WEIGHT:
SPEC.:0028920257 16W 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:0.085A P:16W PF:0.75 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-S-16W-4000K	TYPE:LED	WEIGHT:
SPEC.:0028920257 16W 4000K 1500lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	44227
L_0~180(75)av	42115
L_0~180(85)av	52170
L_90~270(65)av	44186
L_90~270(75)av	42261
L_90~270(85)av	52905
L_45(65)av	44098
L_45(75)av	42078
L_45(85)av	52575

Standard: GB/T 29293-2012

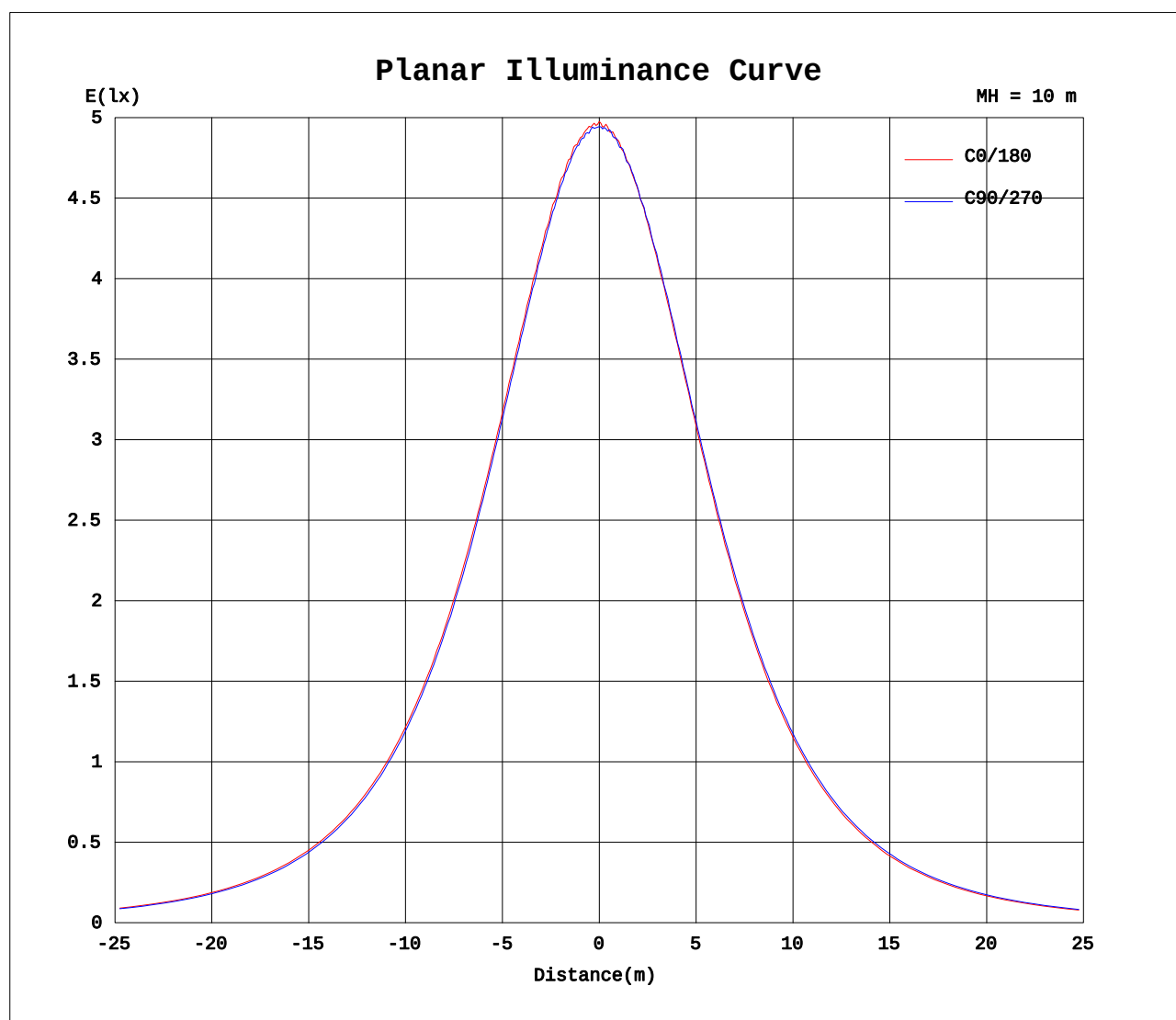
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:
Test Date:2025-03-24

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:0.085A P:16W PF:0.75 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-S-16W-4000K	TYPE:LED	WEIGHT:
SPEC.:0028920257 16W 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	498	495	494	494	498	495	494	494										
5	494	494	493	491	492	493	493	491										
10	488	488	487	484	485	484	486	486										
15	480	479	477	472	473	473	474	475										
20	467	466	462	457	458	457	460	462										
25	450	448	443	439	439	438	441	444										
30	427	427	422	416	415	415	419	423										
35	403	403	396	389	387	387	393	396										
40	376	375	368	359	359	358	364	369										
45	344	344	337	329	326	326	333	338										
50	311	310	303	294	291	290	298	304										
55	274	274	267	258	254	253	261	267										
60	237	237	229	219	215	214	223	230										
65	198	198	190	181	176	175	183	191										
70	158	159	151	141	136	136	144	152										
75	120	121	113	103	98.1	98.1	106	114										
80	83.5	84.6	77.7	69.6	64.7	65.0	71.7	79.1										
85	52.9	53.6	48.3	41.9	38.0	38.4	43.9	49.3										
90	29.0	29.7	26.2	21.7	18.9	18.9	23.1	26.6										
95	12.8	9.43	11.2	7.00	7.11	6.65	9.87	8.92										
100	3.77	1.46	1.17	1.19	1.68	1.14	1.35	1.18										
105	1.28	1.32	1.26	1.42	1.36	1.25	1.31	1.18										
110	1.45	1.57	1.49	1.61	1.59	1.51	1.55	1.41										
115	1.75	1.83	1.80	1.87	1.82	1.80	1.81	1.61										
120	1.83	2.10	2.07	2.01	1.93	1.84	2.04	1.79										
125	2.09	2.37	2.47	2.18	2.14	1.98	2.38	1.94										
130	2.47	2.48	2.62	2.35	2.47	2.16	2.73	2.10										
135	2.51	2.51	2.86	2.57	2.62	2.40	2.86	2.36										
140	2.62	2.67	3.25	2.76	2.67	2.54	3.16	2.57										
145	2.77	3.01	3.31	2.95	2.81	2.88	3.24	2.67										
150	3.12	3.13	3.03	3.12	3.02	3.10	3.01	3.03										
155	3.13	3.19	3.13	3.15	3.15	3.11	3.10	3.09										
160	3.15	3.30	3.17	3.41	3.24	3.20	3.23	3.24										
165	3.30	3.60	3.34	3.38	3.43	3.26	3.41	3.50										
170	3.42	3.83	3.48	3.46	3.51	3.34	3.68	3.73										
175	3.96	4.13	3.81	3.75	4.20	3.75	4.07	3.98										
180	5.10	4.90	4.44	4.94	5.09	4.82	4.47	4.91										

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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