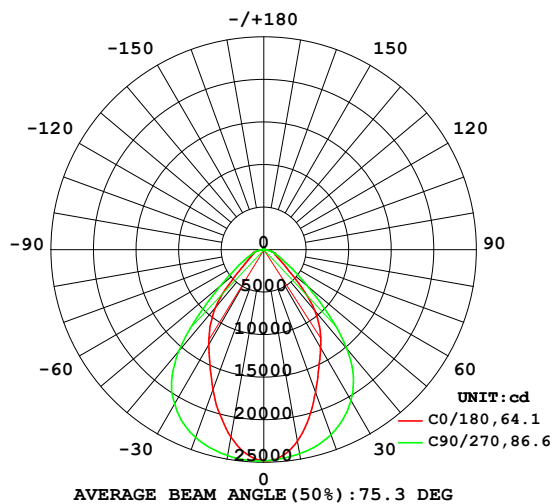


LUMINAIRE PHOTOMETRIC TEST REPORT

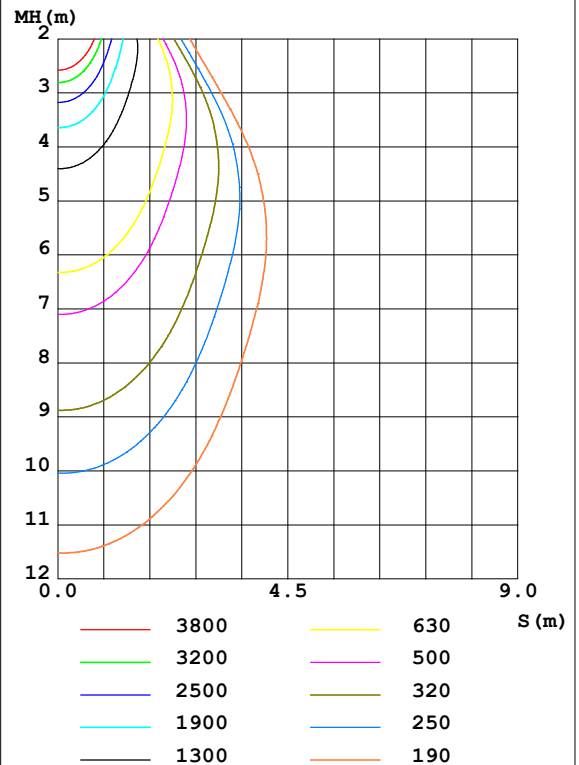
Test:U:119.35V I:2.0397A P:243.25W PF:0.9993 Freq:60.00Hz Lamp Flux:37890.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:Havells Lighting LLC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 155.77 lm/W			
MODEL	HL-LHB-MW-MCCT-ML3-240W	I _{max} (cd)	24828	S/MH (C0/180)	0.85
NOMINAL POWER(W)	240	LOR(%)	100.0	S/MH (C90/270)	1.24
RATED VOLTAGE(V)	120	TOTAL FLUX (lm)	37891	η UP,DN (C0-180)	0.6,49.6
NOMINAL FLUX(lm)	37890.6	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.5,49.4
LAMPS INSIDE	1	η up (%)	1.0	CIBSE SHR NOM	1.00
TEST VOLTAGE (V)	120	η down (%)	99.0	CIBSE SHR MAX	1.10

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:
Test Date: 2025-04-22

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 7.450m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

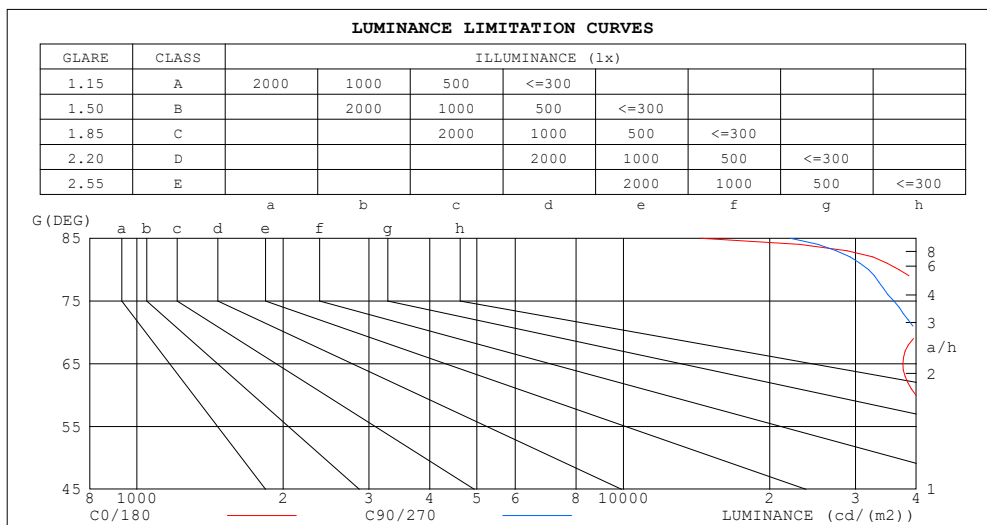
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2283	2356	2434	2326	2233	2337	2457	2373	0- 10	2305	2305	6.08,6.08
20	1781	2010	2314	1972	1749	1996	2347	2038	10- 20	6183	8488	22.4,22.4
30	1338	1545	2050	1505	1295	1541	2096	1580	20- 30	8377	16866	44.5,44.5
40	932.8	1046	1519	1002	878.7	1018	1553	1065	30- 40	8642	25508	67.3,67.3
50	386.9	470.2	684.4	450.3	350.4	448.2	673.6	465.7	40- 50	6042	31549	83.3,83.3
60	196.8	238.8	286.3	230.9	183.7	234.1	290.7	242.4	50- 60	3064	34613	91.4,91.4
70	137.9	116.2	138.3	114.3	134.3	116.6	143.7	119.5	60- 70	1755	36368	96,96
80	63.09	41.51	55.62	38.72	60.73	40.90	60.65	43.90	70- 80	932.6	37300	98.4,98.4
90	1.360	1.062	1.134	1.298	1.428	1.170	0.9381	1.004	80- 90	194.5	37495	99,99
100	1.102	1.319	1.784	1.409	1.001	1.036	1.310	0.9742	90-100	12.25	37507	99,99
110	2.217	2.745	3.547	2.844	1.846	2.065	2.505	1.961	100-110	18.58	37526	99,99
120	4.213	5.182	6.255	5.325	3.616	4.050	4.704	3.877	110-120	34.48	37560	99.1,99.1
130	7.044	8.214	9.100	8.432	6.096	6.738	7.216	6.517	120-130	53.63	37614	99.3,99.3
140	10.43	11.28	11.69	11.65	9.175	9.778	9.803	9.445	130-140	68.53	37682	99.5,99.5
150	13.89	13.93	13.98	14.56	12.67	12.79	12.23	12.22	140-150	74.19	37757	99.6,99.6
160	16.42	16.17	16.35	16.99	15.62	15.52	14.86	14.77	150-160	67.05	37824	99.8,99.8
170	18.81	18.83	19.13	19.17	18.60	18.31	18.19	17.91	160-170	48.48	37872	100,100
180	20.28	19.93	20.26	19.97	20.37	20.07	20.32	20.02	170-180	18.43	37891	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2025-04-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.450m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.35V I:2.0397A P:243.25W PF:0.9993 Freq:60.00Hz Lamp Flux:37890.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	14455	22062
80	36910	31925
75	44196	36001
70	40948	40296
65	37555	46470
60	39989	57065
55	47657	75736
50	61155	106127
45	91277	151910

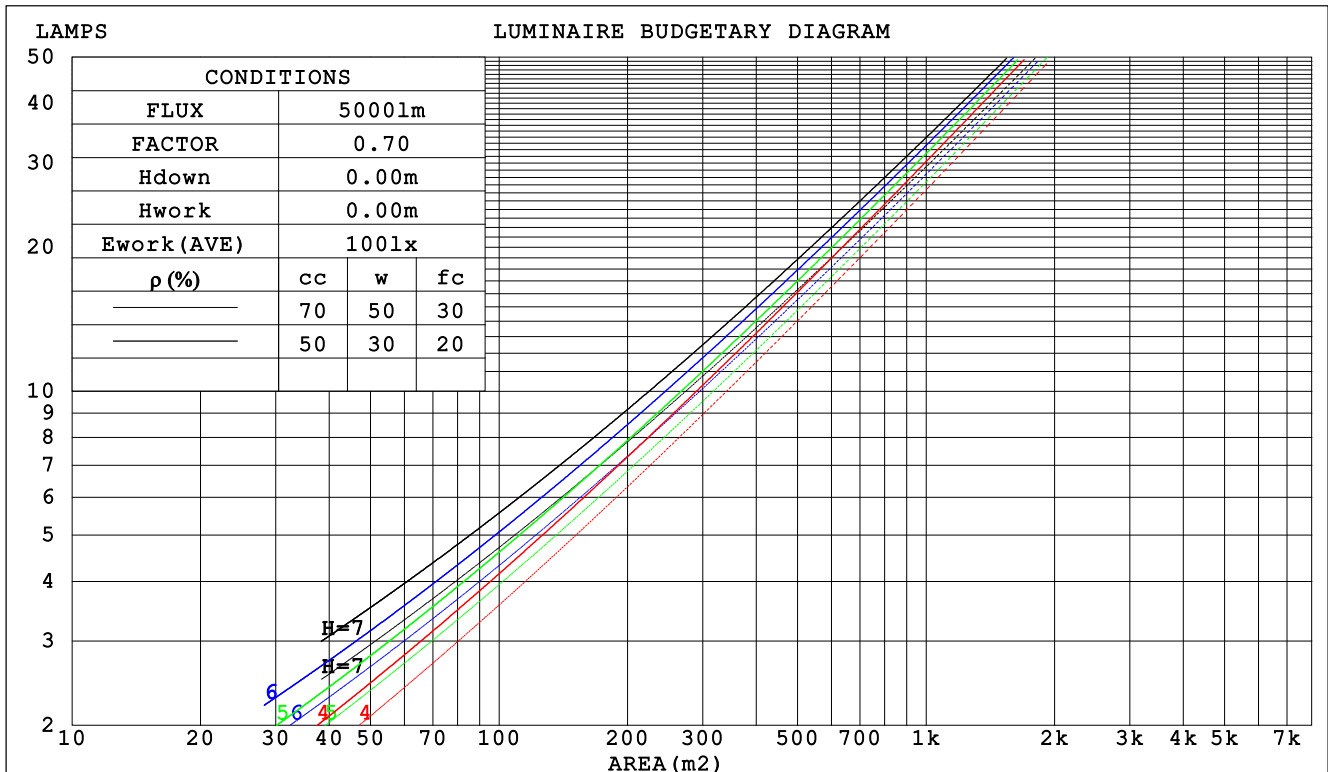
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-04-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.450m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.35V I:2.0397A P:243.25W PF:0.9993 Freq:60.00Hz Lamp Flux:37890.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	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	1.11	1.11	1.11	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.08	1.04	1.01	1.05	1.02	.90	1.01	.99	.96	.97	.95	.93	.93	.92	.90	.88
2.0	.97	.92	.87	.95	.90	.86	.92	.88	.84	.88	.85	.82	.85	.83	.80	.78
3.0	.88	.81	.76	.86	.80	.76	.83	.78	.74	.81	.76	.73	.78	.75	.72	.70
4.0	.80	.73	.67	.79	.72	.67	.76	.71	.66	.74	.69	.65	.72	.68	.64	.62
5.0	.73	.66	.60	.72	.65	.60	.70	.64	.59	.68	.63	.59	.66	.62	.58	.56
6.0	.67	.60	.54	.66	.59	.54	.64	.58	.54	.63	.57	.53	.61	.56	.53	.51
7.0	.62	.54	.49	.61	.54	.49	.60	.53	.49	.58	.53	.48	.57	.52	.48	.46
8.0	.57	.50	.45	.57	.50	.45	.55	.49	.44	.54	.48	.44	.53	.48	.44	.42
9.0	.53	.46	.41	.53	.46	.41	.51	.45	.41	.50	.45	.41	.49	.44	.40	.39
10.0	.50	.43	.38	.49	.42	.38	.48	.42	.38	.47	.42	.38	.46	.41	.37	.36



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-04-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.450m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:119.35V I:2.0397A P:243.25W PF:0.9993 Freq:60.00Hz Lamp Flux:37890.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)										
0.0																	
1.0	.235	.133	.042	.227	.130	.041	.214	.123	.039	.202	.116	.037	.190	.110	.036		
2.0	.226	.124	.038	.219	.121	.037	.208	.115	.036	.197	.110	.035	.187	.106	.033		
3.0	.213	.114	.034	.208	.111	.034	.198	.107	.033	.188	.103	.032	.180	.099	.031		
4.0	.201	.104	.031	.196	.103	.030	.187	.099	.030	.179	.096	.029	.171	.093	.028		
5.0	.189	.096	.028	.185	.095	.028	.177	.092	.027	.170	.090	.027	.163	.087	.026		
6.0	.178	.089	.026	.175	.088	.025	.168	.086	.025	.161	.084	.025	.155	.081	.024		
7.0	.168	.083	.024	.165	.082	.023	.159	.080	.023	.153	.078	.023	.147	.077	.022		
8.0	.159	.078	.022	.156	.077	.022	.151	.075	.022	.145	.074	.021	.140	.072	.021		
9.0	.151	.073	.020	.148	.072	.020	.143	.071	.020	.138	.069	.020	.134	.068	.020		
10.0	.144	.069	.019	.141	.068	.019	.136	.067	.019	.132	.066	.019	.128	.064	.018		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.198	.198	.198	.170	.170	.170	.116	.116	.116	.066	.066	.066	.021	.021	.021	
1.0	.183	.165	.148	.157	.141	.128	.107	.097	.088	.062	.056	.051	.020	.018	.017	
2.0	.171	.140	.114	.147	.121	.099	.101	.084	.069	.058	.049	.040	.019	.016	.013	
3.0	.162	.122	.090	.139	.105	.078	.095	.073	.055	.055	.043	.032	.018	.014	.011	
4.0	.153	.108	.074	.131	.093	.064	.090	.065	.045	.052	.038	.027	.017	.012	.009	
5.0	.145	.097	.061	.125	.084	.053	.086	.059	.038	.050	.034	.022	.016	.011	.007	
6.0	.139	.088	.052	.119	.077	.046	.082	.054	.032	.048	.032	.019	.015	.010	.006	
7.0	.132	.081	.046	.114	.070	.040	.079	.049	.028	.046	.029	.017	.015	.010	.006	
8.0	.126	.075	.040	.109	.065	.035	.075	.046	.025	.044	.027	.015	.014	.009	.005	
9.0	.121	.070	.036	.104	.061	.032	.072	.043	.022	.042	.025	.013	.014	.008	.004	
10.0	.116	.066	.033	.100	.057	.029	.069	.040	.020	.040	.024	.012	.013	.008	.004	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2025-04-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.450m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.35V I:2.0397A P:243.25W PF:0.9993 Freq:60.00Hz Lamp Flux:37890.6x1 lm										
NAME:			TYPE:			WEIGHT:				
SPEC.:			DIM.:			SERIAL No.:				
MFR.:			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	25.2	26.5	25.5	26.7	26.9	27.3	28.5	27.5	28.7	28.9
3H	25.9	27.0	26.2	27.2	27.5	27.7	28.8	28.0	29.0	29.3
4H	26.3	27.4	26.6	27.6	27.9	27.9	28.9	28.2	29.2	29.4
6H	26.6	27.6	27.0	27.9	28.2	28.0	29.0	28.3	29.3	29.5
8H	26.7	27.7	27.1	28.0	28.3	28.0	29.0	28.4	29.3	29.6
12H	26.7	27.6	27.1	27.9	28.2	28.0	28.9	28.4	29.2	29.5
4H 2H	25.5	26.5	25.8	26.8	27.1	27.3	28.3	27.6	28.6	28.9
3H	26.3	27.2	26.6	27.5	27.8	27.8	28.8	28.2	29.1	29.4
4H	26.8	27.6	27.2	28.0	28.3	28.1	29.0	28.5	29.3	29.6
6H	27.2	27.9	27.6	28.3	28.7	28.4	29.1	28.8	29.5	29.8
8H	27.3	28.0	27.7	28.4	28.8	28.4	29.1	28.8	29.5	29.9
12H	27.3	28.0	27.8	28.4	28.8	28.4	29.1	28.9	29.5	29.9
8H 4H	26.9	27.6	27.3	27.9	28.3	28.1	28.8	28.6	29.2	29.6
6H	27.4	27.9	27.8	28.3	28.8	28.4	29.0	28.9	29.4	29.9
8H	27.5	28.0	28.0	28.5	28.9	28.6	29.1	29.0	29.5	30.0
12H	27.6	28.0	28.1	28.5	28.9	28.6	29.0	29.1	29.5	30.0
12H 4H	26.9	27.5	27.3	27.9	28.3	28.1	28.7	28.5	29.1	29.6
6H	27.4	27.9	27.8	28.3	28.8	28.4	28.9	28.9	29.4	29.8
8H	27.5	28.0	28.0	28.4	28.9	28.6	29.0	29.0	29.4	29.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.8 / - 1.0					+ 0.9 / - 1.2				
1.5H	+ 0.9 / - 0.8					+ 1.5 / - 1.3				
2.0H	+ 1.6 / - 1.0					+ 2.8 / - 1.4				

CIE Pub.117, 37891 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 12.6$)
Area: 0.1 m²

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-04-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.450m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:119.35V I:2.0397A P:243.25W PF:0.9993 Freq:60.00Hz Lamp Flux:37890.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

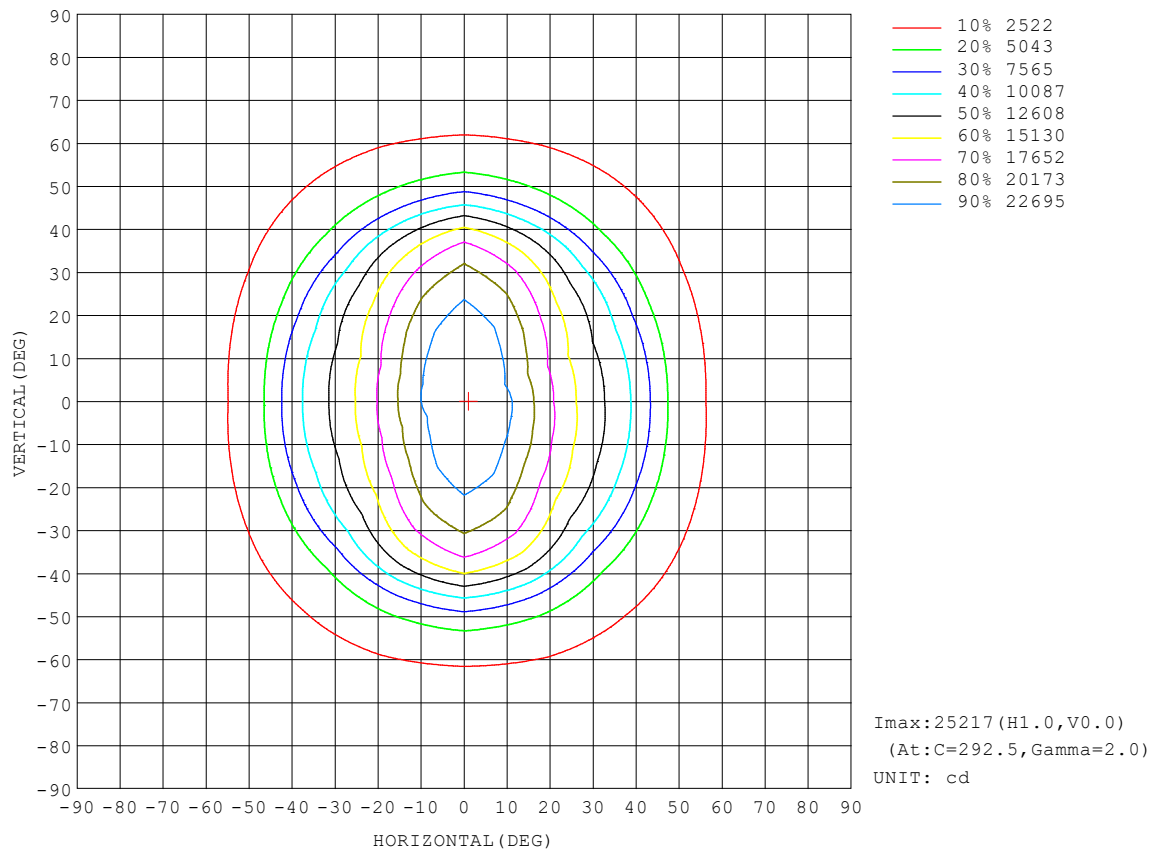
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	71	62	56	70	62	56	69	61	56	51
0.80	80	72	66	80	71	66	78	70	65	60
1.00	87	79	74	86	79	73	84	79	73	67
1.25	93	86	80	92	85	80	90	83	79	73
1.50	97	90	85	96	89	84	93	87	83	77
2.00	102	96	91	100	95	90	97	92	89	82
2.50	105	99	95	103	98	94	99	95	92	85
3.00	107	102	98	105	101	97	101	98	95	87
4.00	110	106	103	108	104	101	104	101	98	90
5.00	112	108	105	109	106	104	105	103	100	92
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:
 Test Date: 2025-04-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 7.450m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:119.35V I:2.0397A P:243.25W PF:0.9993 Freq:60.00Hz Lamp Flux:37890.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

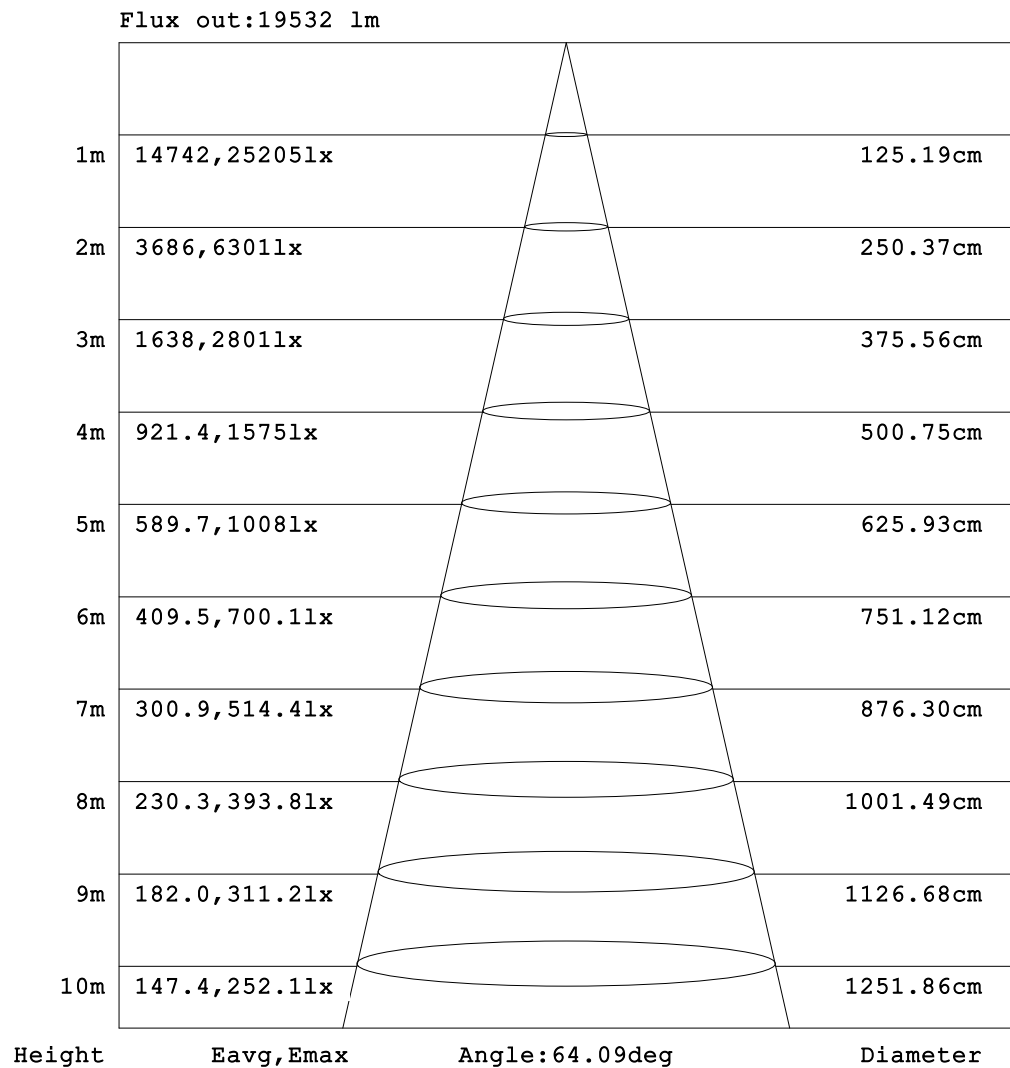


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-04-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.450m [K=1.0000]
Remarks:

AAI Figure

Test:U:119.35V I:2.0397A P:243.25W PF:0.9993 Freq:60.00Hz Lamp Flux:37890.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



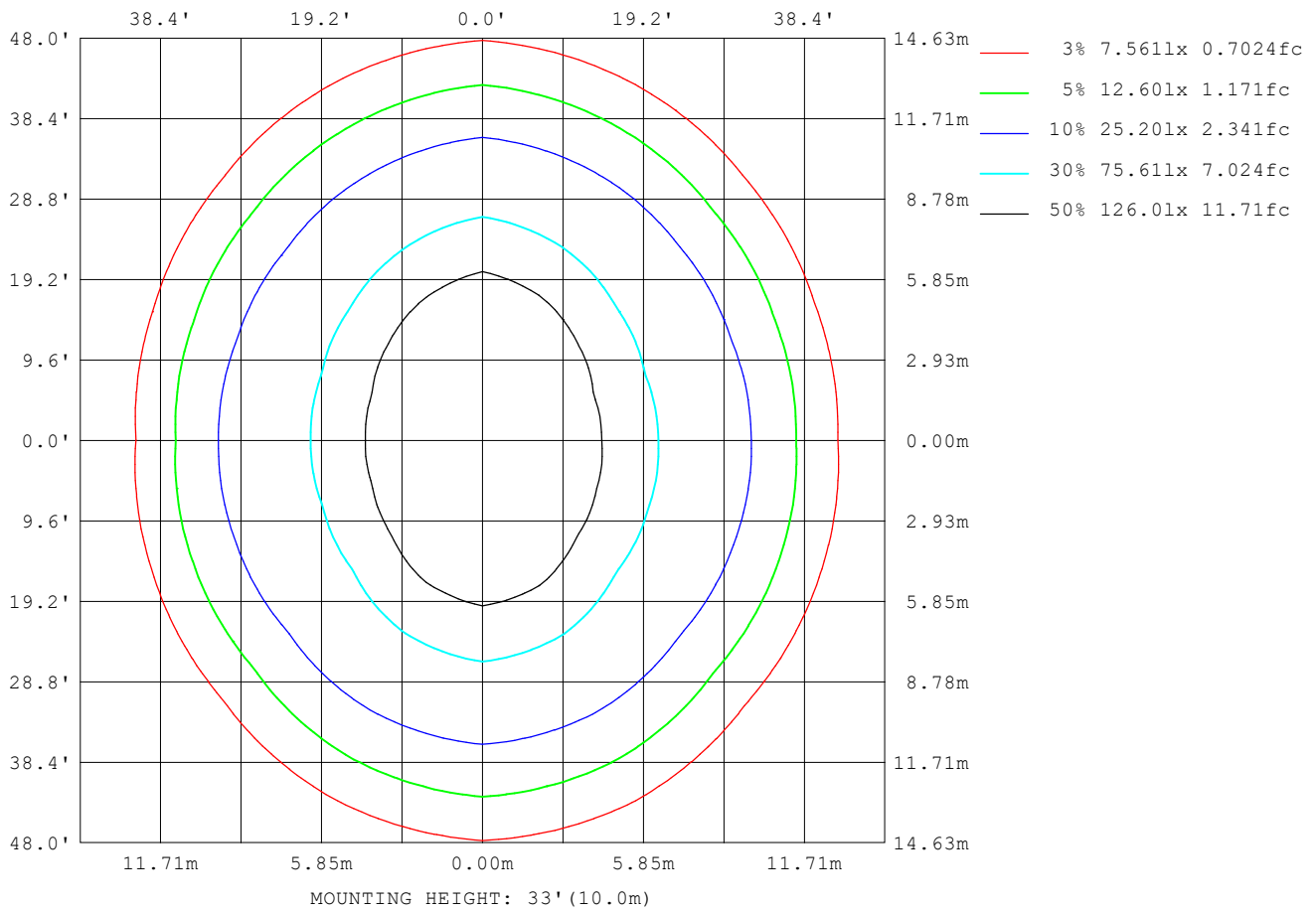
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2025-04-22

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 7.450m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

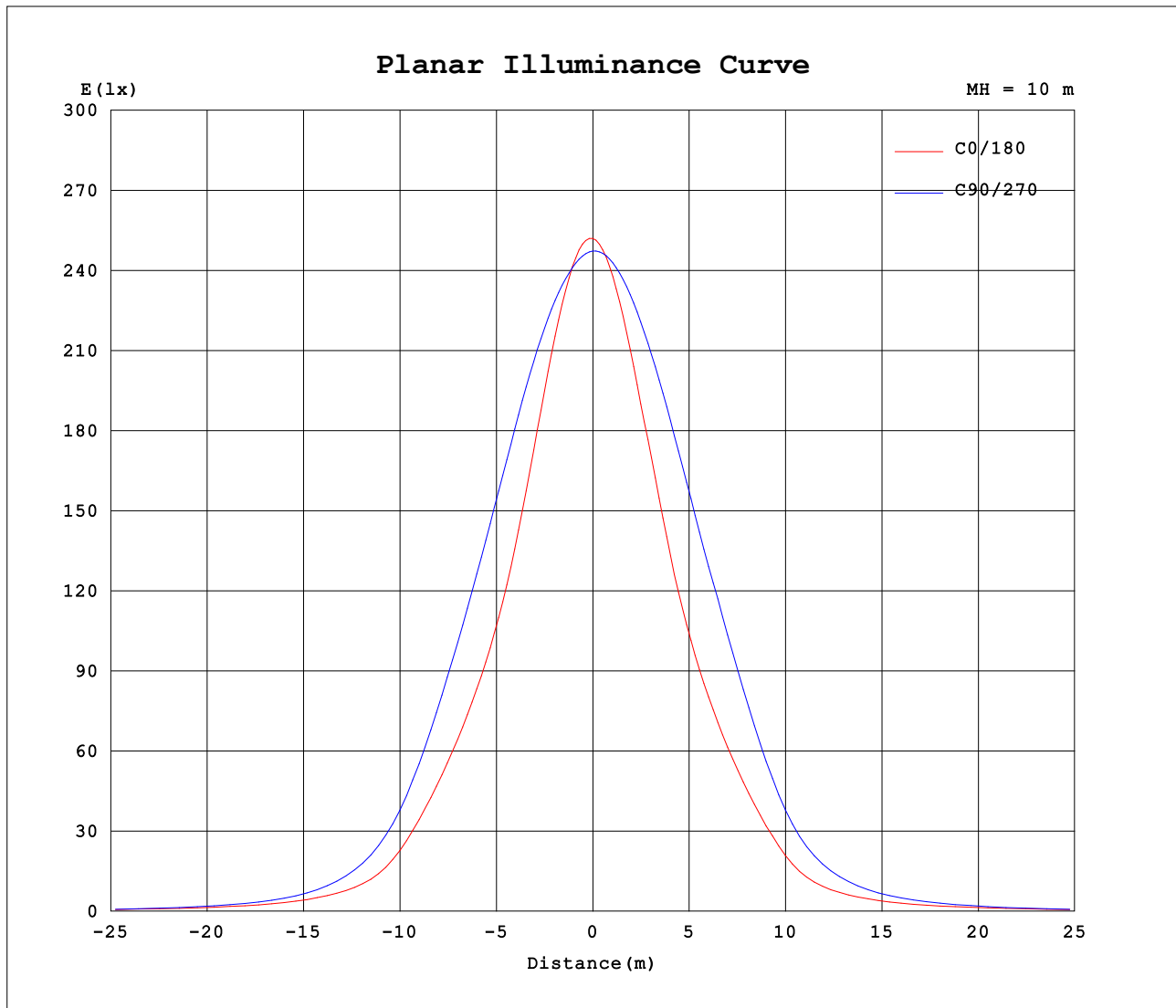
Test:U:119.35V I:2.0397A P:243.25W PF:0.9993 Freq:60.00Hz Lamp Flux:37890.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-04-22

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.450m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2025-04-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 7.450m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.35V I:2.0397A P:243.25W PF:0.9993 Freq:60.00Hz Lamp Flux:37890.6x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.:									SUR.:						Shielding Angle:		

Table--1

UNIT: X10cd

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	2481	2481	2481	2481	2481	2481	2481	2481	2481	2481	2481	2481	2481	2481	2481	2481			
5	2437	2444	2451	2464	2464	2453	2432	2419	2405	2415	2440	2464	2479	2476	2462	2442			
10	2283	2308	2356	2417	2434	2399	2326	2270	2233	2263	2337	2412	2457	2436	2373	2304			
15	2050	2101	2206	2340	2389	2316	2171	2064	2002	2045	2182	2328	2414	2359	2226	2090			
20	1781	1862	2010	2224	2314	2195	1972	1826	1749	1796	1996	2210	2347	2247	2038	1837			
25	1534	1609	1783	2068	2202	2038	1745	1572	1500	1547	1779	2052	2246	2094	1821	1587			
30	1338	1394	1545	1887	2050	1849	1505	1347	1295	1330	1541	1848	2096	1891	1580	1374			
35	1156	1197	1307	1647	1840	1607	1262	1142	1103	1127	1293	1598	1891	1639	1335	1179			
40	933	965	1046	1339	1519	1300	1002	915	879	896	1018	1279	1553	1314	1065	947			
45	635	673	737	949	1078	918	702	639	583	613	702	887	1079	905	736	653			
50	387	425	470	601	684	583	450	400	350	383	448	559	674	568	466	412			
55	269	295	326	397	436	384	313	277	246	271	314	378	434	382	326	290			
60	197	216	239	276	286	269	231	202	184	201	234	269	291	272	242	213			
65	156	159	171	196	197	192	166	153	151	153	169	197	202	198	175	159			
70	138	118	116	139	138	137	114	114	134	114	117	143	144	144	119	118			
75	113	81.7	75.9	94.0	93.5	92.5	74.1	77.4	109	75.7	77.4	95.3	98.9	97.0	79.8	80.2			
80	63.1	46.0	41.5	53.2	55.6	51.2	38.7	42.4	60.7	40.9	40.9	53.0	60.7	55.2	43.9	44.2			
85	12.4	11.6	9.99	17.4	19.3	16.0	9.99	8.58	8.09	10.3	10.2	17.8	23.6	19.4	11.9	10.03			
90	1.36	1.23	1.06	1.07	1.13	1.17	1.30	1.45	1.43	1.31	1.17	1.01	0.94	0.94	1.00	1.14			
95	1.14	1.06	0.98	1.19	1.35	1.25	1.16	1.26	1.16	1.06	0.94	0.99	1.07	0.97	0.84	0.88			
100	1.10	1.16	1.32	1.58	1.78	1.64	1.41	1.27	1.00	0.99	1.04	1.21	1.31	1.18	0.97	0.91			
105	1.55	1.64	1.91	2.24	2.49	2.28	1.98	1.74	1.29	1.32	1.43	1.64	1.74	1.58	1.36	1.25			
110	2.22	2.34	2.75	3.23	3.55	3.27	2.84	2.49	1.85	1.89	2.06	2.37	2.51	2.31	1.96	1.77			
115	3.11	3.29	3.85	4.47	4.85	4.53	3.97	3.48	2.63	2.69	2.94	3.36	3.53	3.28	2.80	2.52			
120	4.21	4.47	5.18	5.88	6.25	5.97	5.33	4.69	3.62	3.70	4.05	4.54	4.70	4.45	3.88	3.50			
125	5.54	5.86	6.68	7.36	7.69	7.48	6.85	6.08	4.78	4.91	5.34	5.85	5.94	5.74	5.15	4.68			
130	7.04	7.39	8.21	8.80	9.10	8.97	8.43	7.62	6.10	6.25	6.74	7.20	7.22	7.06	6.52	6.01			
135	8.69	9.01	9.75	10.2	10.4	10.4	10.04	9.27	7.56	7.73	8.23	8.56	8.52	8.39	7.96	7.46			
140	10.4	10.8	11.3	11.5	11.7	11.9	11.6	11.0	9.18	9.36	9.78	9.91	9.80	9.68	9.45	9.05			
145	12.2	12.4	12.7	12.8	12.9	13.2	13.2	12.8	11.0	11.0	11.3	11.2	11.1	10.9	10.9	10.7			
150	13.9	14.0	13.9	13.9	14.0	14.4	14.6	14.4	12.7	12.7	12.8	12.5	12.2	12.1	12.2	12.3			
155	15.2	15.3	15.0	15.0	15.1	15.6	15.8	15.8	14.2	14.1	14.2	13.8	13.5	13.3	13.5	13.7			
160	16.4	16.5	16.2	16.3	16.4	16.8	17.0	17.0	15.6	15.5	15.5	15.2	14.9	14.7	14.8	15.1			
165	17.6	17.7	17.5	17.7	17.9	18.2	18.2	18.1	17.1	16.9	16.9	16.7	16.5	16.3	16.3	16.5			
170	18.8	19.0	18.8	19.0	19.1	19.4	19.2	19.1	18.6	18.2	18.3	18.3	18.2	17.9	17.9	18.0			
175	20.0	19.9	19.7	19.8	20.0	20.1	19.8	19.8	19.9	19.4	19.4	19.4	19.5	19.2	19.2	19.2			
180	20.3	20.2	19.9	20.1	20.3	20.1	20.0	20.0	20.4	20.1	20.1	20.0	20.3	20.0	20.0	20.0			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-04-22

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.450m [K=1.0000]
Remarks: