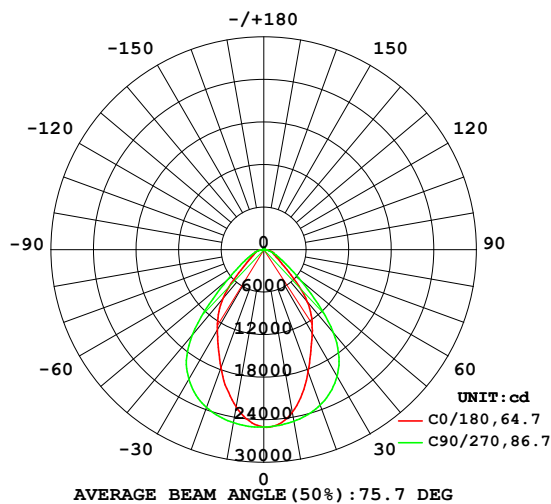


LUMINAIRE PHOTOMETRIC TEST REPORT

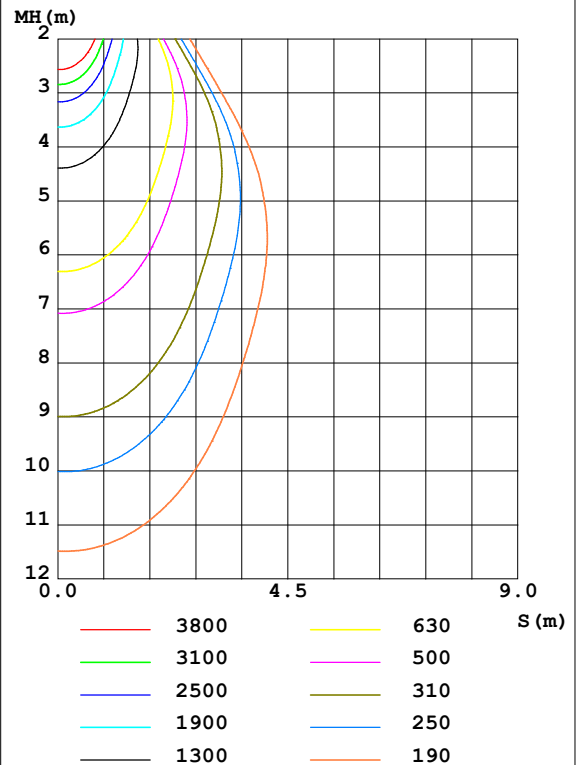
Test:U:119.31V I:1.9795A P:236.00W PF:0.9992 Freq:60.00Hz Lamp Flux:38546.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:Havells Lighting LLC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 163.33 lm/W
MODEL	HL-LHB-MW-MCCT-ML3-240W	I _{max} (cd)	25055	S/MH (C0/180)	0.86	
NOMINAL POWER(W)	240	LOR(%)	100.0	S/MH (C90/270)	1.24	
RATED VOLTAGE(V)	120	TOTAL FLUX (lm)	38547	η UP,DN (C0-180)	0.6,49.6	
NOMINAL FLUX(lm)	38546.6	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:

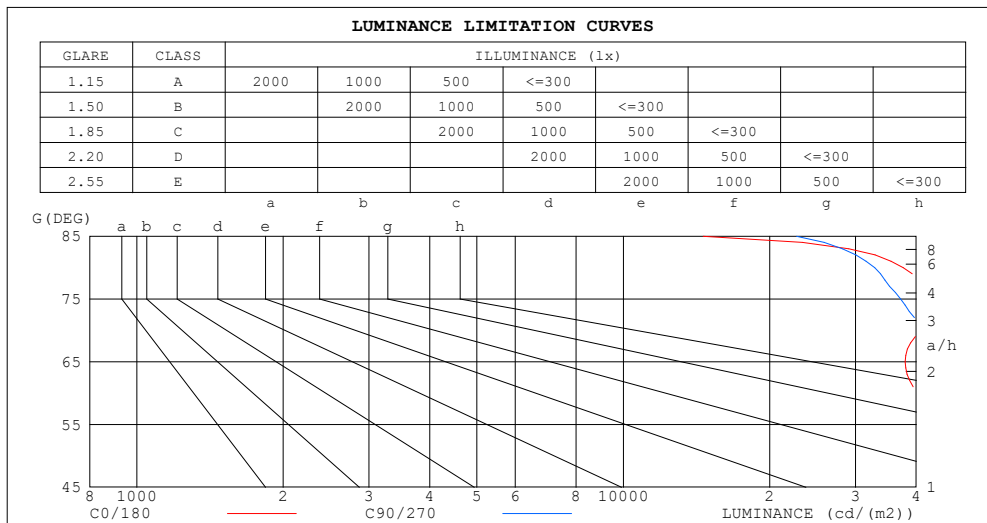
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2329	2395	2457	2343	2252	2353	2478	2409	0- 10	2328	2328	6.04,6.04
20	1833	2059	2332	1988	1770	2011	2367	2077	10- 20	6267	8595	22.3,22.3
30	1368	1587	2066	1520	1315	1557	2113	1622	20- 30	8509	17104	44.4,44.4
40	954.3	1071	1528	1014	896.1	1035	1567	1092	30- 40	8786	25890	67.2,67.2
50	395.2	482.8	693.0	458.1	361.9	458.5	686.7	478.4	40- 50	6165	32055	83.2,83.2
60	201.1	244.9	292.9	236.8	189.1	240.7	297.2	247.5	50- 60	3137	35192	91.3,91.3
70	141.1	120.1	142.0	116.7	137.3	118.9	147.1	122.6	60- 70	1799	36990	96,96
80	65.24	42.11	57.05	40.19	60.66	42.48	62.15	44.37	70- 80	954.8	37945	98.4,98.4
90	1.442	1.100	1.103	1.278	1.439	1.215	1.041	1.097	80- 90	199.0	38144	99,99
100	1.140	1.358	1.821	1.439	1.026	1.070	1.370	0.9992	90-100	12.68	38157	99,99
110	2.278	2.818	3.635	2.920	1.888	2.106	2.537	1.993	100-110	19.05	38176	99,99
120	4.303	5.285	6.385	5.461	3.693	4.133	4.754	3.920	110-120	35.19	38211	99.1,99.1
130	7.163	8.353	9.273	8.616	6.233	6.853	7.297	6.572	120-130	54.60	38266	99.3,99.3
140	10.56	11.46	11.91	11.87	9.378	9.921	9.922	9.529	130-140	69.67	38335	99.5,99.5
150	14.06	14.16	14.24	14.80	12.87	12.94	12.37	12.39	140-150	75.35	38411	99.6,99.6
160	16.66	16.44	16.65	17.24	15.78	15.65	15.01	14.97	150-160	68.01	38479	99.8,99.8
170	19.13	19.14	19.46	19.42	18.78	18.49	18.38	18.18	160-170	49.13	38528	100,100
180	20.66	20.35	20.51	20.30	20.64	20.35	20.52	20.31	170-180	18.68	38547	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:119.31V I:1.9795A P:236.00W PF:0.9992 Freq:60.00Hz Lamp Flux:38546.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	14592	22720
80	37610	32853
75	44350	37159
70	41303	41526
65	37985	47857
60	40258	58573
55	47763	77307
50	61556	107807
45	92547	153935

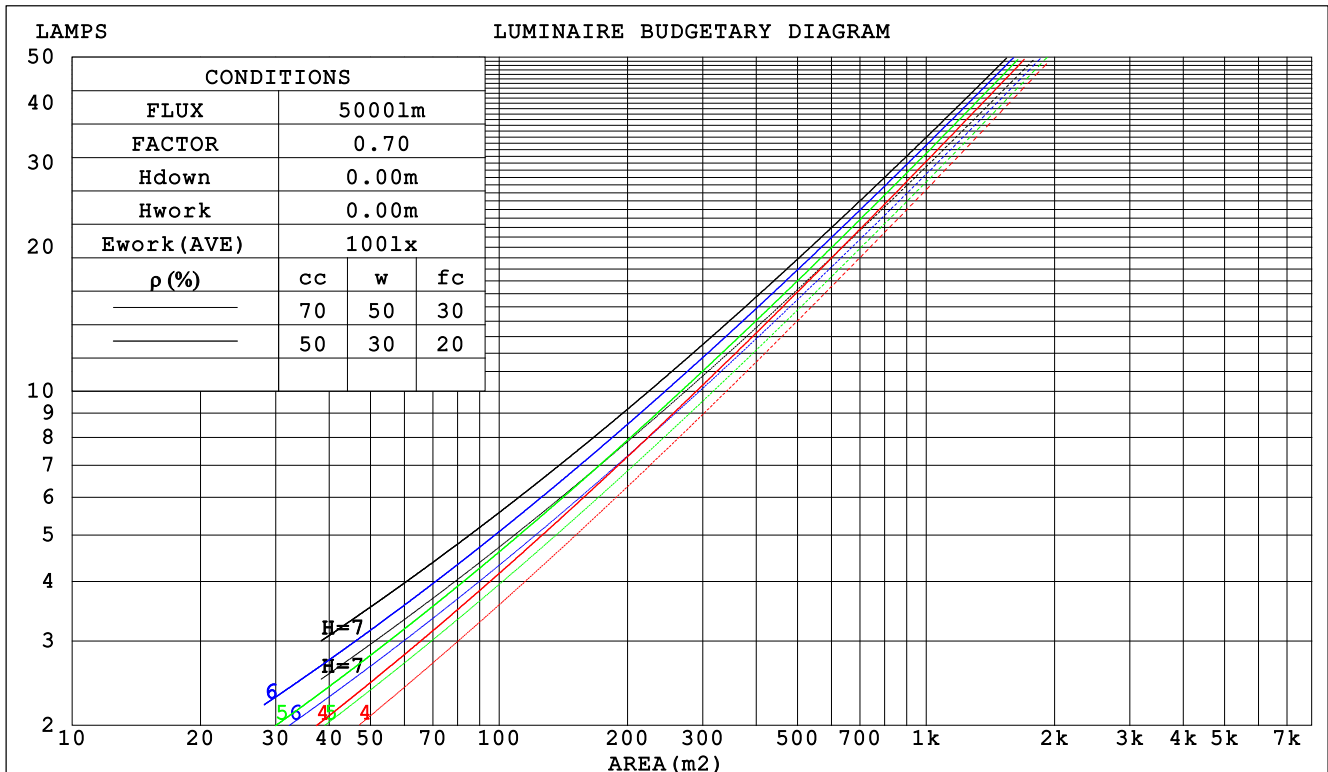
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-04-22

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:119.31V I:1.9795A P:236.00W PF:0.9992 Freq:60.00Hz		
Lamp Flux:38546.6x1 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	.98	.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	.75	.83	.78	.74	.81	.76	.73	.78	.75	.71	.70
4.0	.80	.73	.67	.79	.72	.67	.76	.70	.66	.74	.69	.65	.72	.68	.64	.62
5.0	.73	.66	.60	.72	.65	.60	.70	.64	.59	.68	.63	.58	.66	.62	.58	.56
6.0	.67	.60	.54	.66	.59	.54	.64	.58	.53	.63	.57	.53	.61	.56	.52	.51
7.0	.62	.54	.49	.61	.54	.49	.60	.53	.49	.58	.52	.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	.41	.37	.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:119.31V I:1.9795A P:236.00W PF:0.9992 Freq:60.00Hz Lamp Flux:38546.6x1 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	.134	.042	.228	.130	.041	.214	.123	.039	.202	.116	.037	.191	.110	.036		
2.0	.226	.124	.038	.220	.121	.037	.208	.116	.036	.197	.111	.035	.187	.106	.033		
3.0	.214	.114	.034	.208	.111	.034	.198	.107	.033	.189	.103	.032	.180	.100	.031		
4.0	.201	.105	.031	.196	.103	.030	.187	.099	.030	.179	.096	.029	.171	.093	.028		
5.0	.189	.097	.028	.185	.095	.028	.177	.092	.027	.170	.090	.027	.163	.087	.026		
6.0	.179	.090	.026	.175	.088	.025	.168	.086	.025	.161	.084	.025	.155	.082	.024		
7.0	.169	.083	.024	.165	.082	.023	.159	.080	.023	.153	.078	.023	.148	.077	.023		
8.0	.160	.078	.022	.157	.077	.022	.151	.075	.022	.146	.074	.021	.141	.072	.021		
9.0	.151	.073	.020	.149	.072	.020	.143	.071	.020	.139	.069	.020	.134	.068	.020		
10.0	.144	.069	.019	.141	.068	.019	.137	.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	.172	.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	.146	.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:119.31V I:1.9795A P:236.00W PF:0.9992 Freq:60.00Hz Lamp Flux:38546.6x1 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	25.3	26.5	25.5	26.7	26.9	27.4	28.6	27.6	28.8	29.0
3H	25.9	27.0	26.2	27.3	27.5	27.8	28.9	28.1	29.1	29.4
4H	26.3	27.4	26.7	27.7	27.9	28.0	29.0	28.3	29.3	29.5
6H	26.7	27.7	27.0	27.9	28.2	28.1	29.1	28.4	29.4	29.6
8H	26.7	27.7	27.1	28.0	28.3	28.1	29.1	28.5	29.4	29.7
12H	26.7	27.7	27.1	28.0	28.3	28.1	29.0	28.5	29.3	29.6
4H 2H	25.5	26.6	25.8	26.8	27.1	27.4	28.4	27.7	28.7	28.9
3H	26.3	27.2	26.7	27.5	27.9	27.9	28.9	28.3	29.2	29.5
4H	26.8	27.7	27.2	28.0	28.3	28.2	29.1	28.6	29.4	29.7
6H	27.2	28.0	27.6	28.3	28.7	28.5	29.2	28.9	29.6	29.9
8H	27.4	28.0	27.8	28.4	28.8	28.5	29.2	28.9	29.6	30.0
12H	27.4	28.0	27.8	28.4	28.8	28.5	29.2	29.0	29.6	30.0
8H 4H	26.9	27.6	27.3	28.0	28.4	28.2	28.9	28.7	29.3	29.7
6H	27.4	28.0	27.8	28.4	28.8	28.5	29.1	29.0	29.5	30.0
8H	27.6	28.0	28.0	28.5	29.0	28.7	29.1	29.1	29.6	30.1
12H	27.6	28.0	28.1	28.5	29.0	28.7	29.1	29.2	29.6	30.1
12H 4H	26.9	27.5	27.3	27.9	28.3	28.2	28.8	28.6	29.2	29.6
6H	27.4	27.9	27.9	28.3	28.8	28.5	29.0	29.0	29.5	29.9
8H	27.6	28.0	28.1	28.5	28.9	28.7	29.1	29.1	29.5	30.0
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 / - 0.9					+ 1.4 / - 1.2				
2.0H	+ 1.6 / - 1.0					+ 2.8 / - 1.4				

CIE Pub.117, 38547 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 12.7)
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:119.31V I:1.9795A P:236.00W PF:0.9992 Freq:60.00Hz Lamp Flux:38546.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

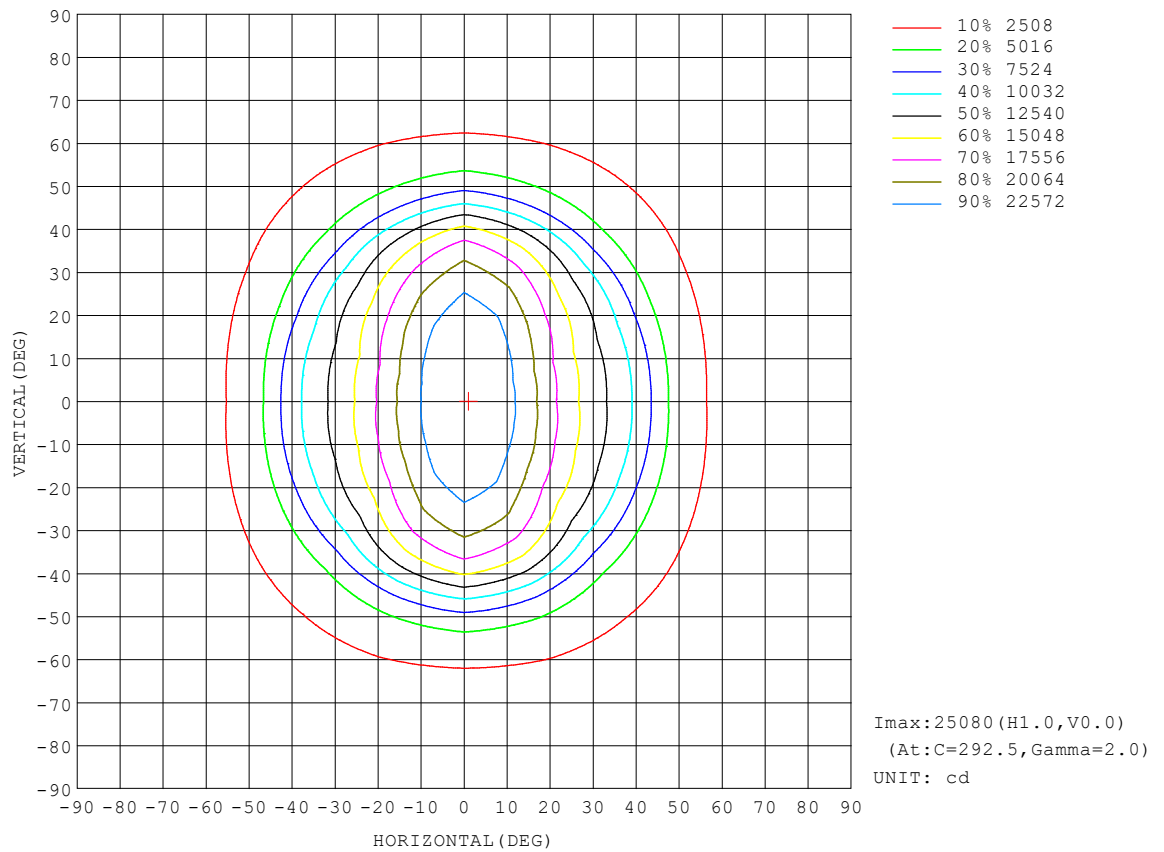
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	71	62	56	70	62	56	69	61	56	51
0.80	80	71	66	79	71	66	78	70	65	60
1.00	87	79	74	86	78	73	84	79	73	67
1.25	93	85	80	92	85	80	89	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	84
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:119.31V I:1.9795A P:236.00W PF:0.9992 Freq:60.00Hz Lamp Flux:38546.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

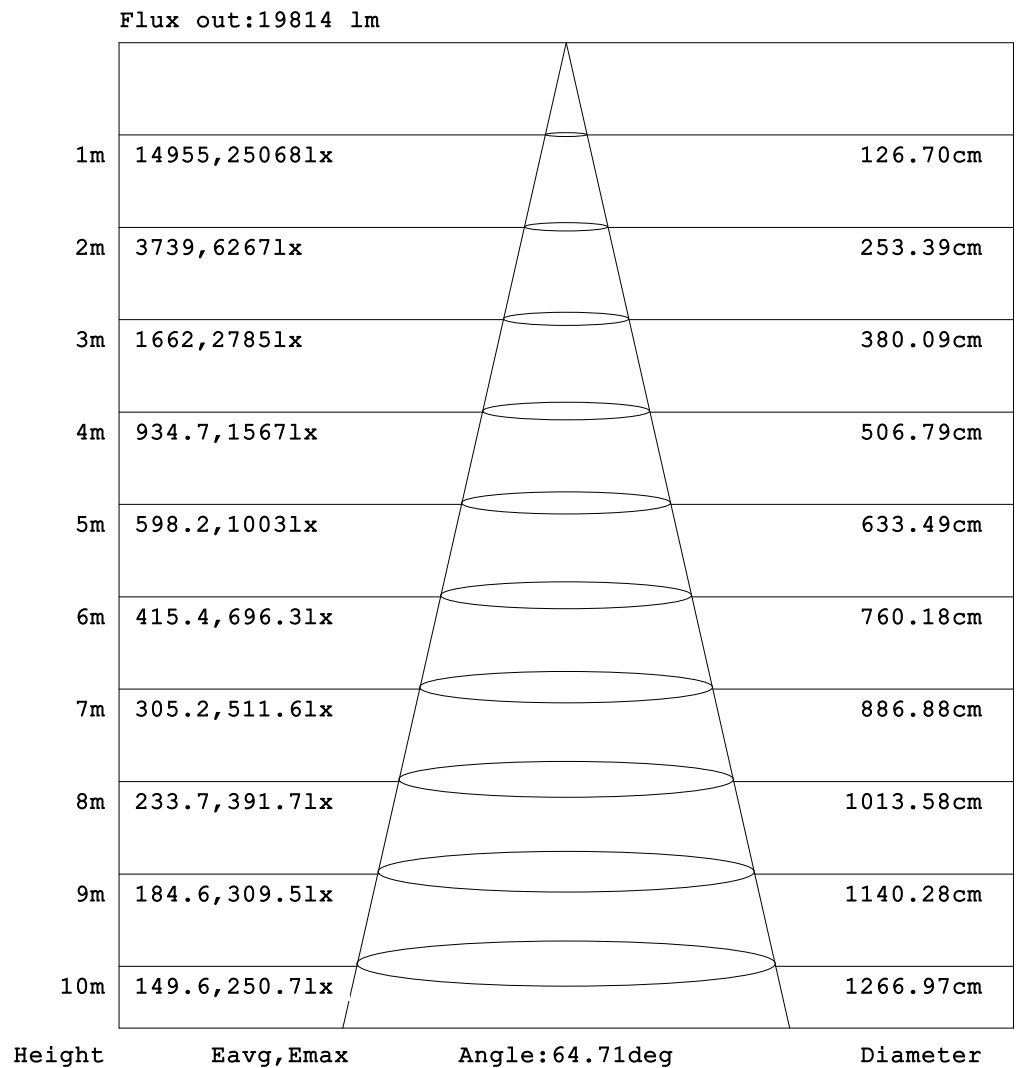


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-04-22

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:119.31V I:1.9795A P:236.00W PF:0.9992 Freq:60.00Hz Lamp Flux:38546.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



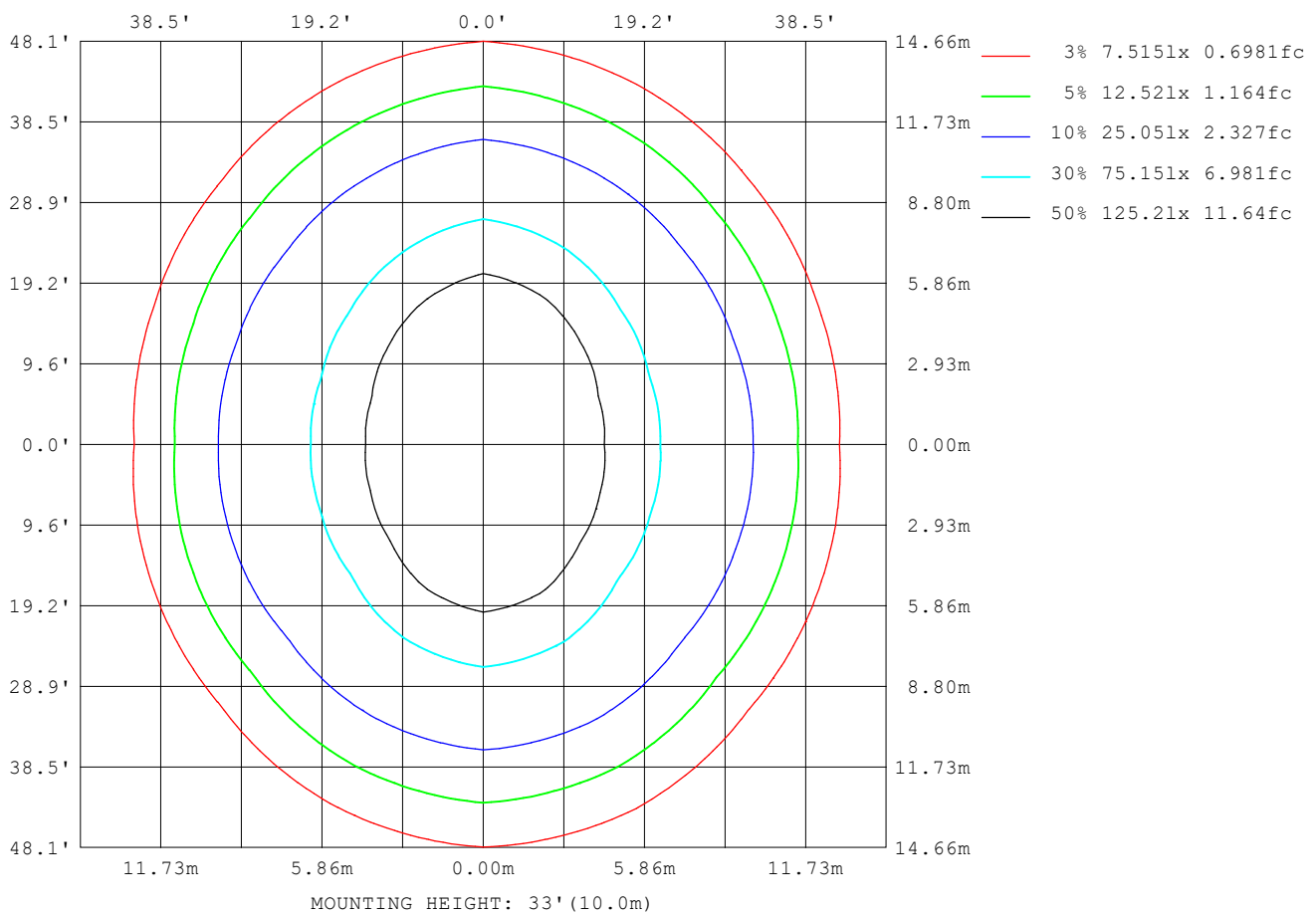
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

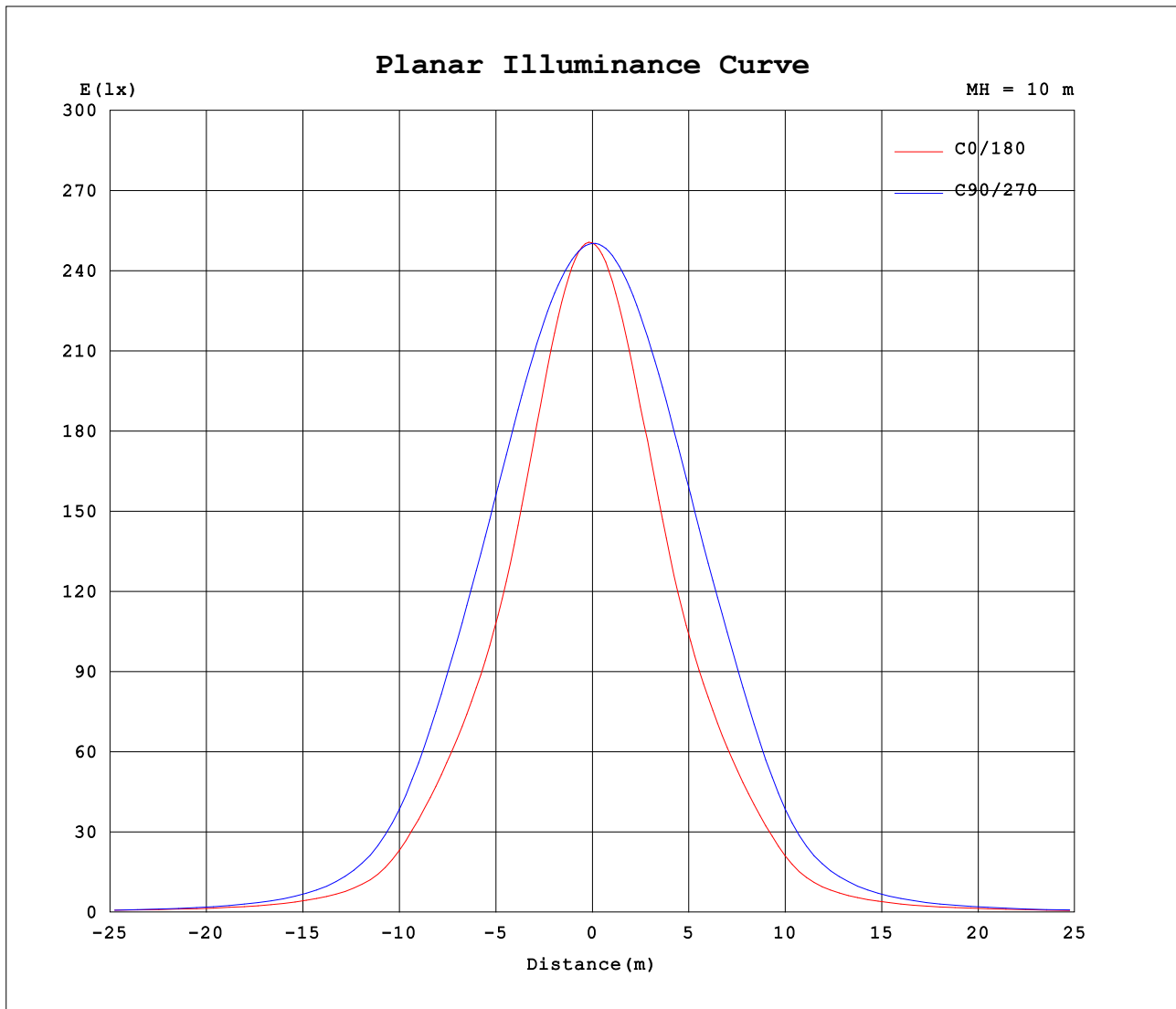
Test:U:119.31V I:1.9795A P:236.00W PF:0.9992 Freq:60.00Hz Lamp Flux:38546.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



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:119.31V I:1.9795A P:236.00W PF:0.9992 Freq:60.00Hz Lamp Flux:38546.6x1 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	2502	2502	2502	2502	2502	2502	2502	2502	2502	2502	2502	2502	2502	2502	2502	2502			
5	2470	2475	2481	2490	2487	2473	2450	2436	2423	2432	2457	2482	2500	2501	2490	2472			
10	2329	2352	2395	2447	2457	2416	2343	2286	2252	2279	2353	2429	2478	2464	2409	2346			
15	2103	2151	2252	2374	2408	2331	2186	2077	2027	2063	2198	2344	2435	2393	2269	2138			
20	1833	1913	2059	2260	2332	2208	1988	1843	1770	1816	2011	2225	2367	2286	2077	1886			
25	1575	1652	1830	2106	2220	2047	1761	1589	1521	1566	1796	2067	2264	2133	1868	1628			
30	1368	1427	1587	1929	2066	1863	1520	1364	1315	1348	1557	1864	2113	1933	1622	1406			
35	1181	1221	1340	1685	1851	1619	1276	1157	1120	1145	1309	1614	1907	1680	1370	1204			
40	954	986	1071	1370	1528	1309	1014	929	896	911	1035	1295	1567	1352	1092	967			
45	654	691	757	974	1089	927	713	650	599	627	716	899	1095	936	756	669			
50	395	436	483	618	693	588	458	409	362	394	458	570	687	586	478	421			
55	274	302	334	408	443	390	319	285	255	279	322	386	443	393	334	295			
60	201	220	245	283	293	275	237	208	189	207	241	276	297	278	248	217			
65	160	163	176	201	202	197	170	157	154	157	173	202	207	202	179	163			
70	141	121	120	143	142	142	117	117	137	117	119	146	147	146	123	121			
75	115	83.1	78.4	95.9	96.2	95.2	75.8	80.0	111	78.5	79.0	98.3	101	98.7	81.8	81.5			
80	65.2	46.8	42.1	54.0	57.1	53.0	40.2	43.8	60.7	42.3	42.5	54.9	62.1	55.9	44.4	45.0			
85	12.7	11.5	10.0	17.6	19.8	16.7	10.4	9.02	8.22	10.7	10.6	18.5	24.0	19.5	11.9	9.95			
90	1.44	1.30	1.10	1.05	1.10	1.14	1.28	1.45	1.44	1.33	1.21	1.10	1.04	1.04	1.10	1.21			
95	1.20	1.12	1.02	1.19	1.36	1.25	1.17	1.28	1.18	1.09	0.99	1.07	1.16	1.04	0.90	0.96			
100	1.14	1.19	1.36	1.61	1.82	1.67	1.44	1.30	1.03	1.02	1.07	1.27	1.37	1.22	1.00	0.93			
105	1.60	1.69	1.97	2.30	2.56	2.35	2.04	1.78	1.32	1.35	1.46	1.68	1.78	1.61	1.38	1.28			
110	2.28	2.41	2.82	3.30	3.64	3.36	2.92	2.54	1.89	1.93	2.11	2.41	2.54	2.33	1.99	1.81			
115	3.18	3.36	3.94	4.56	4.96	4.64	4.07	3.55	2.68	2.74	3.00	3.41	3.57	3.31	2.83	2.57			
120	4.30	4.56	5.29	5.99	6.39	6.10	5.46	4.79	3.69	3.78	4.13	4.62	4.75	4.50	3.92	3.56			
125	5.65	5.96	6.80	7.48	7.85	7.63	7.01	6.22	4.89	5.01	5.44	5.94	6.00	5.80	5.20	4.75			
130	7.16	7.50	8.35	8.95	9.27	9.14	8.62	7.79	6.23	6.40	6.85	7.30	7.30	7.13	6.57	6.08			
135	8.81	9.13	9.92	10.4	10.6	10.6	10.2	9.47	7.74	7.92	8.36	8.67	8.62	8.49	8.03	7.54			
140	10.6	10.9	11.5	11.8	11.9	12.0	11.9	11.3	9.38	9.57	9.92	10.0	9.92	9.81	9.53	9.14			
145	12.4	12.6	12.9	13.0	13.1	13.4	13.4	13.1	11.2	11.3	11.5	11.4	11.2	11.1	11.0	10.8			
150	14.1	14.2	14.2	14.1	14.2	14.6	14.8	14.7	12.9	12.9	12.9	12.7	12.4	12.2	12.4	12.4			
155	15.4	15.5	15.3	15.2	15.4	15.8	16.1	16.1	14.4	14.4	14.3	14.0	13.6	13.4	13.7	13.9			
160	16.7	16.8	16.4	16.5	16.6	17.1	17.2	17.3	15.8	15.7	15.6	15.4	15.0	14.8	15.0	15.3			
165	17.9	18.0	17.8	18.0	18.2	18.5	18.4	18.4	17.3	17.0	17.1	16.9	16.7	16.5	16.5	16.8			
170	19.1	19.2	19.1	19.3	19.5	19.6	19.4	19.4	18.8	18.5	18.5	18.4	18.4	18.1	18.2	18.3			
175	20.3	20.1	20.1	20.1	20.3	20.3	20.1	20.1	20.1	19.7	19.6	19.7	19.7	19.4	19.5	19.5			
180	20.7	20.5	20.4	20.4	20.5	20.3	20.3	20.3	20.6	20.5	20.4	20.4	20.5	20.3	20.3	20.3			

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: