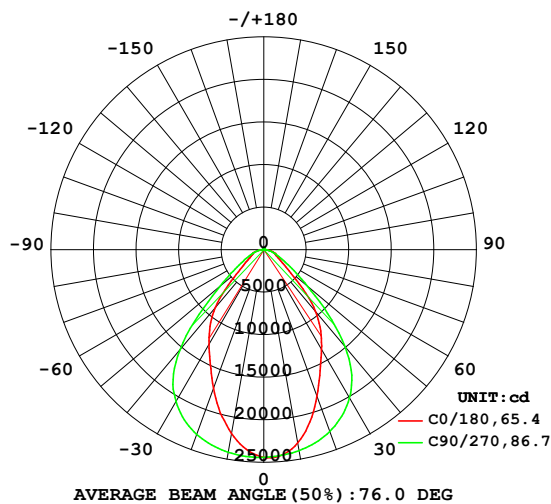


LUMINAIRE PHOTOMETRIC TEST REPORT

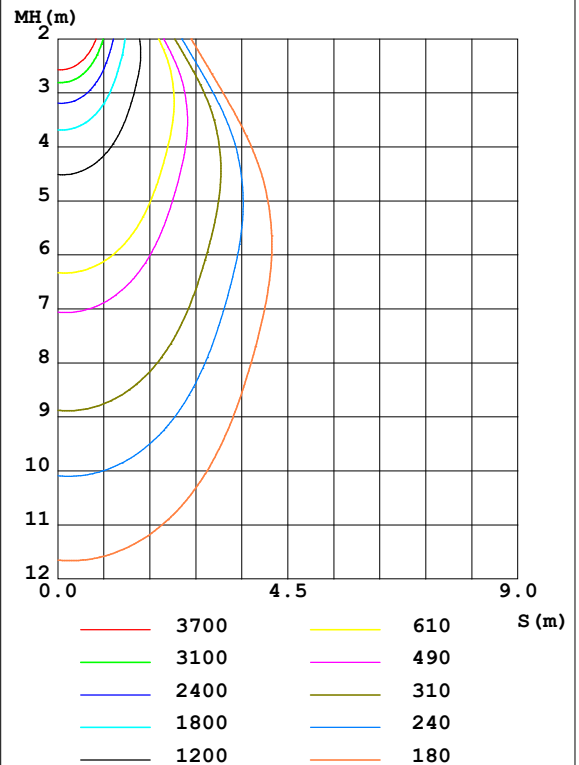
Test:U:119.36V I:2.0440A P:243.80W PF:0.9993 Freq:60.00Hz Lamp Flux:38028.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:Havells Lighting LLC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 155.99 lm/W			
MODEL	HL-LHB-MW-MCCT-ML3-240W	I _{max} (cd)	24474	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)	38028	η UP,DN (C0-180)	0.6,49.6
NOMINAL FLUX(lm)	38028.5	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:

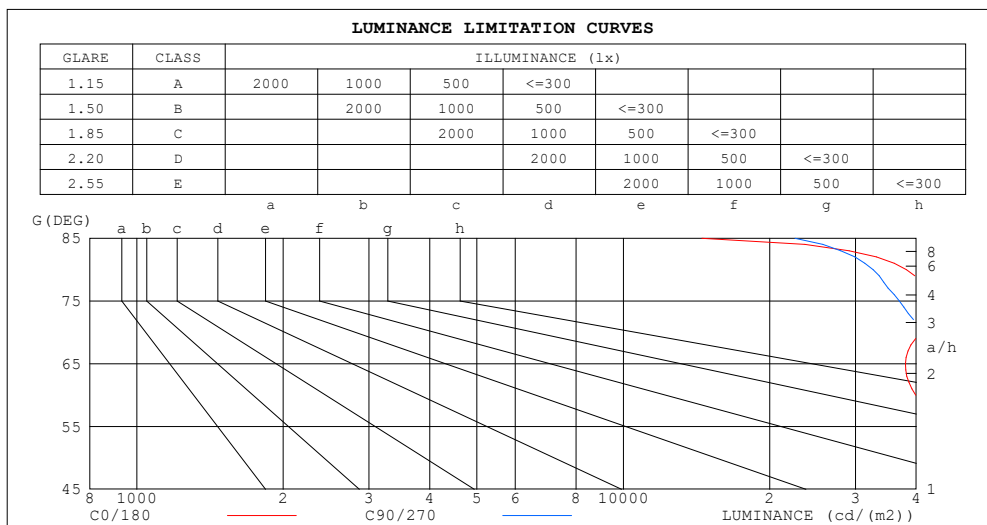
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2305	2361	2397	2278	2191	2288	2417	2374	0- 10	2275	2275	5.98,5.98
20	1832	2052	2274	1938	1730	1969	2309	2071	10- 20	6153	8428	22.2,22.2
30	1359	1587	2015	1485	1291	1521	2062	1624	20- 30	8380	16808	44.2,44.2
40	945.6	1067	1487	996.4	885.6	1019	1532	1092	30- 40	8665	25473	67,67
50	390.0	482.0	676.8	452.8	364.7	453.8	675.9	478.3	40- 50	6102	31575	83,83
60	199.4	243.8	290.7	236.0	190.0	240.5	294.6	246.0	50- 60	3116	34691	91.2,91.2
70	141.1	120.9	141.6	115.8	137.0	117.5	145.9	122.5	60- 70	1792	36483	95.9,95.9
80	66.19	41.29	56.70	40.84	59.14	43.19	61.84	43.54	70- 80	951.0	37434	98.4,98.4
90	1.485	1.103	1.014	1.197	1.396	1.232	1.158	1.179	80- 90	198.1	37632	99,99
100	1.143	1.352	1.787	1.424	1.020	1.078	1.402	1.0000	90-100	12.70	37645	99,99
110	2.268	2.793	3.607	2.917	1.868	2.089	2.493	1.967	100-110	18.93	37664	99,99
120	4.261	5.198	6.323	5.454	3.668	4.097	4.664	3.852	110-120	34.84	37699	99.1,99.1
130	7.030	8.185	9.155	8.567	6.213	6.787	7.173	6.431	120-130	53.90	37752	99.3,99.3
140	10.30	11.21	11.73	11.73	9.350	9.792	9.761	9.327	130-140	68.62	37821	99.5,99.5
150	13.72	13.89	14.01	14.56	12.76	12.68	12.17	12.12	140-150	74.04	37895	99.6,99.6
160	16.35	16.16	16.38	16.93	15.54	15.30	14.75	14.69	150-160	66.77	37962	99.8,99.8
170	18.83	18.82	19.14	19.07	18.45	18.07	18.04	17.82	160-170	48.23	38010	100,100
180	20.32	19.91	20.16	19.88	20.32	19.92	20.17	19.89	170-180	18.33	38028	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:119.36V I:2.0440A P:243.80W PF:0.9993 Freq:60.00Hz Lamp Flux:38028.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	14513	22535
80	38169	32644
75	44153	36937
70	41294	41389
65	38032	47713
60	39933	58121
55	46988	76060
50	60749	105254
45	91889	149970

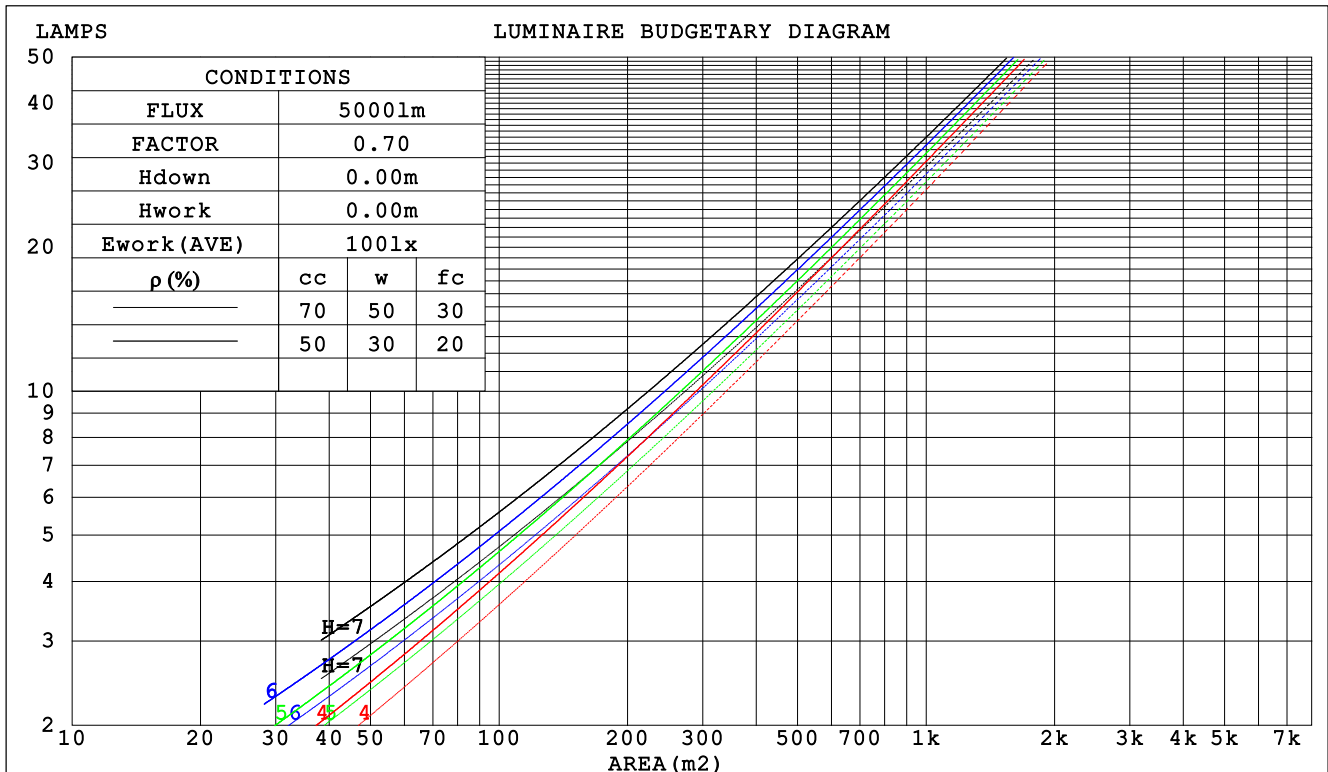
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-04-22

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:119.36V I:2.0440A P:243.80W PF:0.9993 Freq:60.00Hz		
Lamp Flux:38028.5x1 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	.74	.71	.69
4.0	.80	.73	.67	.79	.72	.67	.76	.70	.66	.74	.69	.65	.72	.67	.64	.62
5.0	.73	.66	.60	.72	.65	.60	.70	.64	.59	.68	.63	.58	.66	.61	.58	.56
6.0	.67	.59	.54	.66	.59	.54	.64	.58	.53	.63	.57	.53	.61	.56	.52	.51
7.0	.62	.54	.49	.61	.54	.49	.59	.53	.48	.58	.52	.48	.57	.52	.48	.46
8.0	.57	.50	.45	.56	.49	.45	.55	.49	.44	.54	.48	.44	.53	.48	.44	.42
9.0	.53	.46	.41	.52	.46	.41	.51	.45	.41	.50	.45	.40	.49	.44	.40	.39
10.0	.49	.42	.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:119.36V I:2.0440A P:243.80W PF:0.9993 Freq:60.00Hz Lamp Flux:38028.5x1 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	.236	.134	.042	.228	.130	.041	.215	.123	.039	.202	.117	.037	.191	.111	.036		
2.0	.226	.124	.038	.220	.121	.037	.208	.116	.036	.198	.111	.035	.188	.106	.033		
3.0	.214	.114	.034	.209	.112	.034	.198	.108	.033	.189	.104	.032	.180	.100	.031		
4.0	.202	.105	.031	.197	.103	.030	.188	.100	.030	.180	.096	.029	.172	.093	.028		
5.0	.190	.097	.028	.186	.095	.028	.178	.092	.027	.170	.090	.027	.163	.087	.026		
6.0	.179	.090	.026	.175	.088	.025	.168	.086	.025	.162	.084	.025	.155	.082	.024		
7.0	.169	.084	.024	.166	.083	.024	.159	.081	.023	.153	.079	.023	.148	.077	.023		
8.0	.160	.078	.022	.157	.077	.022	.151	.076	.022	.146	.074	.021	.141	.072	.021		
9.0	.151	.073	.020	.149	.073	.020	.144	.071	.020	.139	.070	.020	.134	.068	.020		
10.0	.144	.069	.019	.141	.068	.019	.137	.067	.019	.132	.066	.019	.128	.065	.019		

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	.132	.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	.045	.114	.070	.040	.079	.049	.028	.046	.029	.017	.015	.010	.006	
8.0	.127	.075	.040	.109	.065	.035	.075	.046	.025	.044	.027	.015	.014	.009	.005	
9.0	.121	.070	.036	.104	.061	.031	.072	.043	.022	.042	.025	.013	.014	.008	.004	
10.0	.116	.066	.033	.100	.057	.029	.069	.040	.020	.041	.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:119.36V I:2.0440A P:243.80W PF:0.9993 Freq:60.00Hz Lamp Flux:38028.5x1 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	26.6	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	28.4	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	27.9	28.4	28.8	28.5	29.1	29.0	29.5	30.0
8H	27.6	28.1	28.0	28.5	29.0	28.6	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	29.7
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	29.0	28.6	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					+ 2.6 / - 1.4				

CIE Pub.117, 38028 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:119.36V I:2.0440A P:243.80W PF:0.9993 Freq:60.00Hz Lamp Flux:38028.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

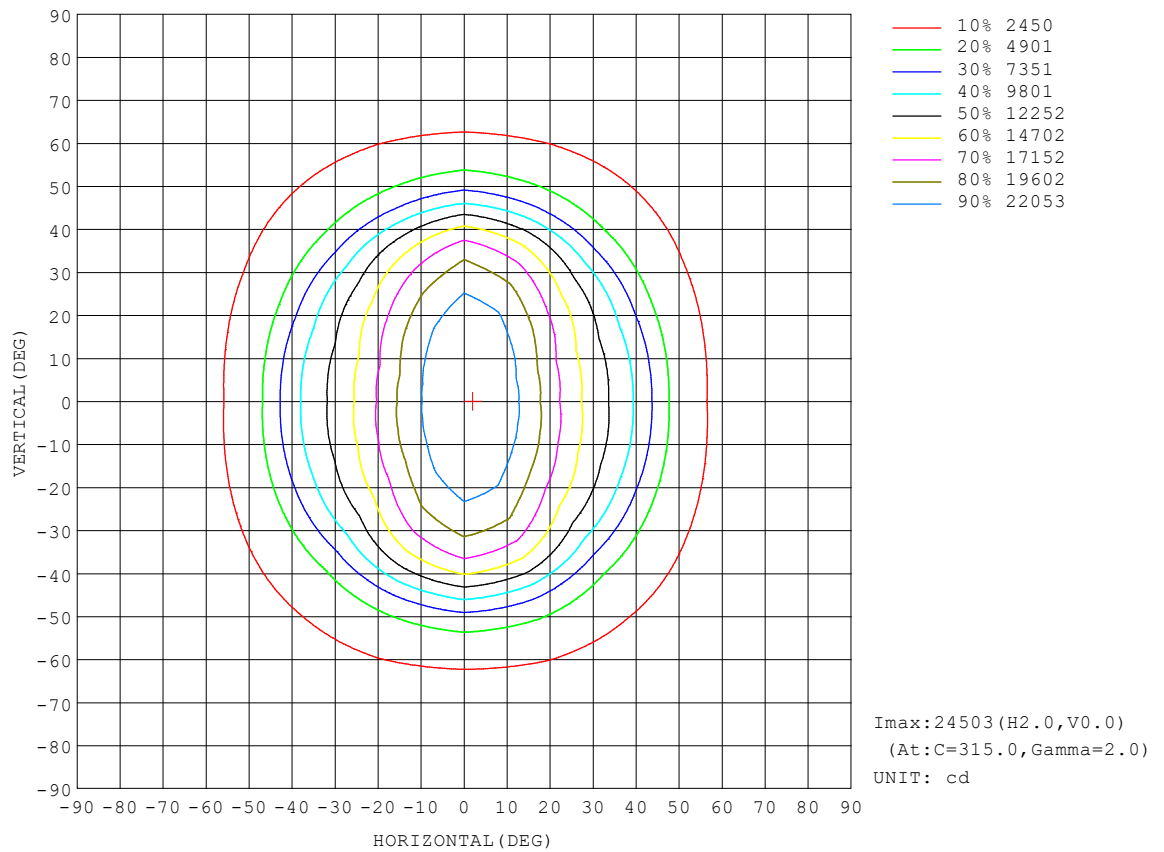
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	71	62	56	70	61	56	69	61	56	51
0.80	80	71	66	79	71	66	78	70	65	60
1.00	87	79	73	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	102	108	104	101	104	101	98	90
5.00	112	108	105	109	106	104	105	102	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:119.36V I:2.0440A P:243.80W PF:0.9993 Freq:60.00Hz Lamp Flux:38028.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

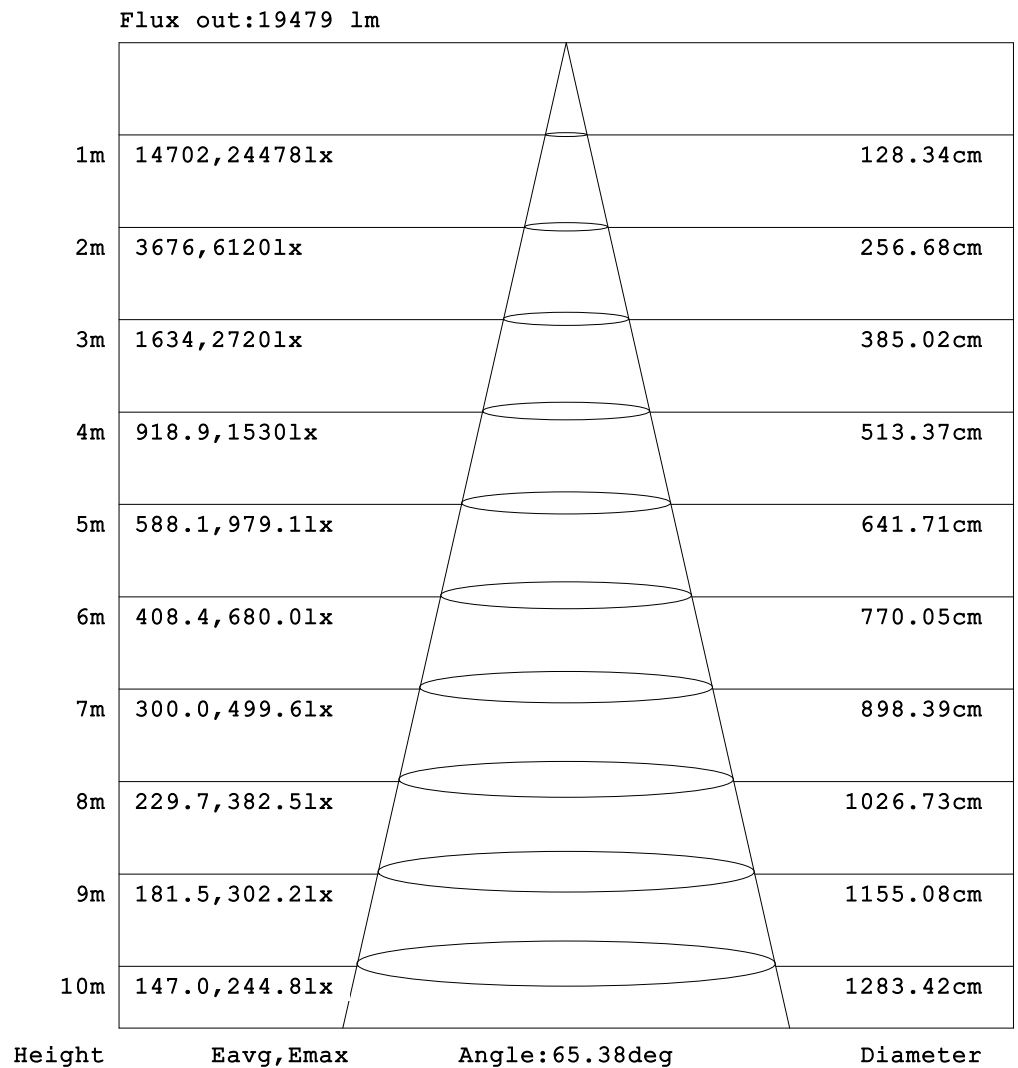


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2025-04-22

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:119.36V I:2.0440A P:243.80W PF:0.9993 Freq:60.00Hz Lamp Flux:38028.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



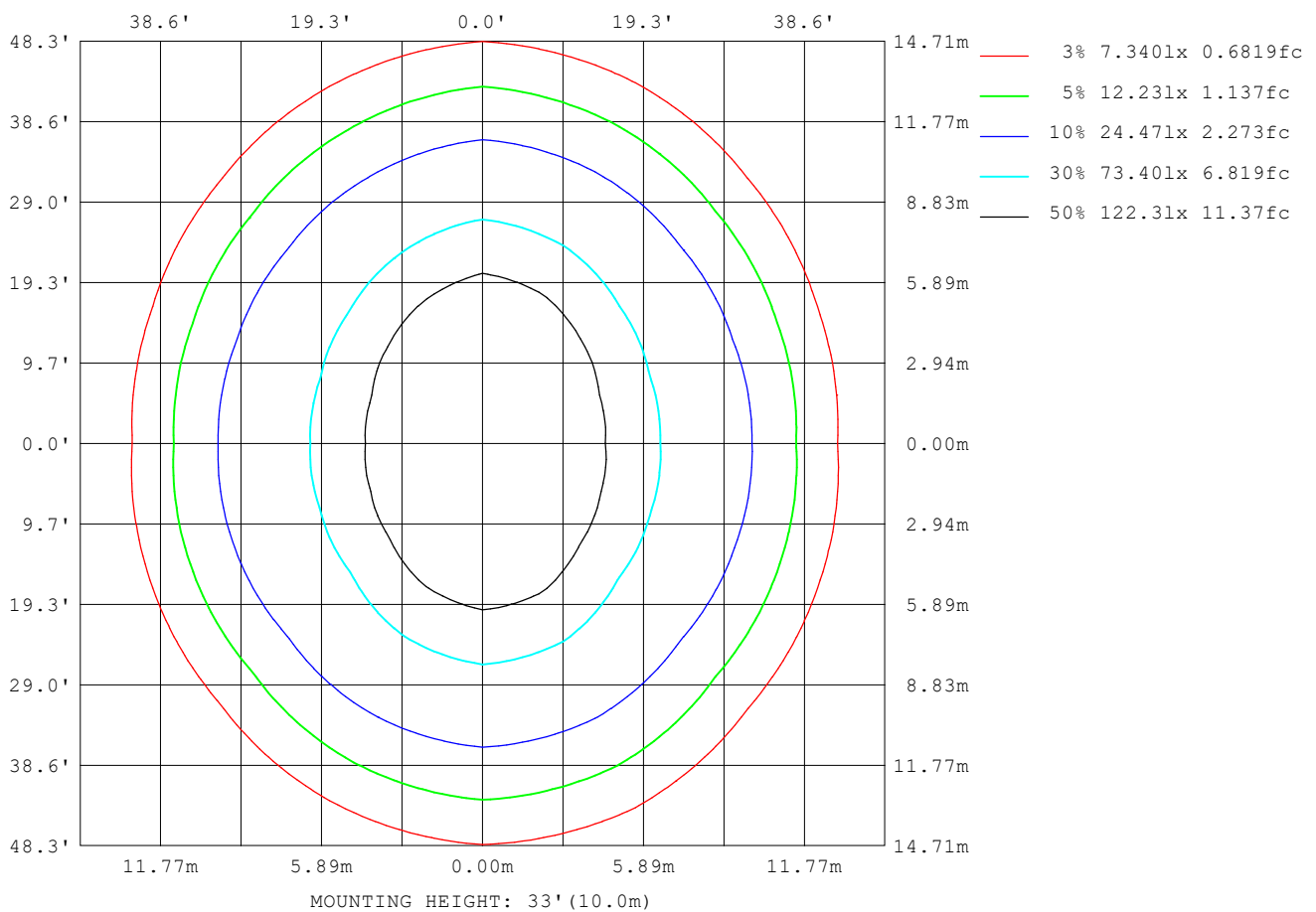
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

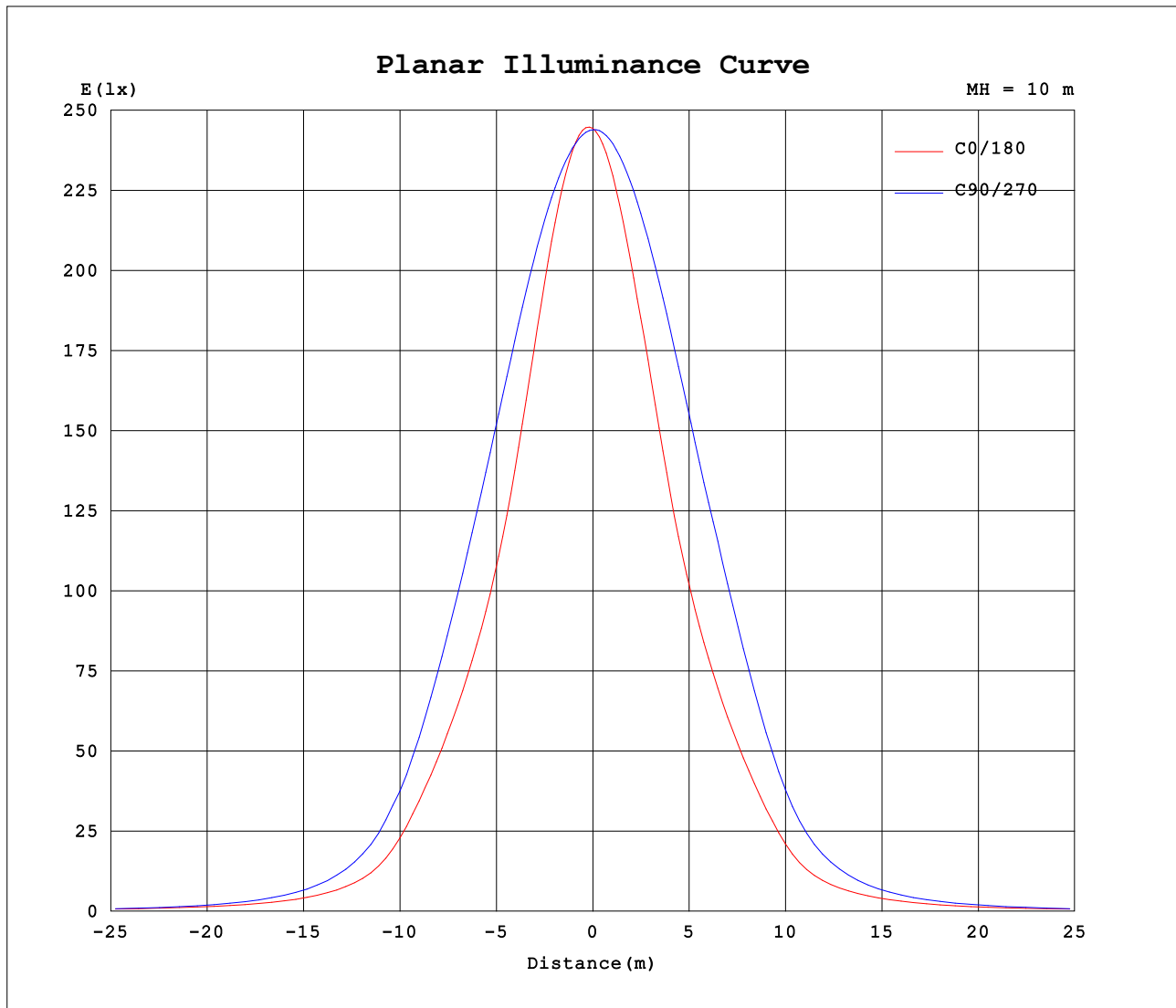
Test:U:119.36V I:2.0440A P:243.80W PF:0.9993 Freq:60.00Hz Lamp Flux:38028.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



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:119.36V I:2.0440A P:243.80W PF:0.9993 Freq:60.00Hz Lamp Flux:38028.5x1 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	2440	2440	2440	2440	2440	2440	2440	2440	2440	2440	2440	2440	2440	2440	2440	2440			
5	2425	2429	2431	2435	2426	2409	2385	2369	2357	2366	2391	2417	2438	2444	2439	2426			
10	2305	2326	2361	2400	2397	2351	2278	2223	2191	2217	2288	2365	2417	2416	2374	2320			
15	2096	2142	2233	2335	2350	2266	2127	2030	1985	2010	2140	2280	2376	2354	2249	2129			
20	1832	1913	2052	2231	2274	2145	1938	1799	1730	1773	1969	2165	2309	2256	2071	1884			
25	1571	1651	1831	2087	2165	2000	1719	1552	1490	1533	1755	2012	2209	2115	1869	1626			
30	1359	1419	1587	1918	2015	1814	1485	1337	1291	1324	1521	1819	2062	1925	1624	1399			
35	1169	1212	1338	1680	1803	1578	1249	1138	1103	1127	1283	1579	1861	1680	1370	1194			
40	946	977	1067	1368	1487	1277	996	918	886	905	1019	1269	1532	1355	1092	960			
45	649	685	754	974	1061	906	703	647	595	623	708	884	1077	943	757	666			
50	390	431	482	619	677	574	453	405	365	392	454	560	676	590	478	418			
55	269	298	333	408	436	383	317	285	258	280	321	381	439	394	333	292			
60	199	218	244	283	291	273	236	209	190	208	240	274	295	277	246	214			
65	161	162	175	200	202	197	170	157	153	157	173	201	205	200	178	162			
70	141	120	121	142	142	142	116	117	137	118	117	146	146	144	123	121			
75	114	81.9	78.9	94.9	95.6	95.6	75.5	80.8	110	79.2	78.2	98.5	101	97.3	81.8	80.3			
80	66.2	46.2	41.3	53.1	56.7	53.6	40.8	44.1	59.1	42.5	43.2	55.5	61.8	54.8	43.5	44.4			
85	12.6	11.0	9.67	17.0	19.6	17.0	10.7	9.42	8.07	10.7	11.0	18.9	24.1	19.1	11.5	9.42			
90	1.48	1.34	1.10	0.99	1.01	1.05	1.20	1.38	1.40	1.30	1.23	1.18	1.16	1.15	1.18	1.27			
95	1.22	1.13	1.01	1.15	1.30	1.20	1.13	1.24	1.16	1.07	1.01	1.14	1.24	1.10	0.93	0.98			
100	1.14	1.19	1.35	1.58	1.79	1.65	1.42	1.28	1.02	1.01	1.08	1.30	1.40	1.24	1.00	0.93			
105	1.60	1.68	1.95	2.28	2.55	2.35	2.03	1.76	1.31	1.34	1.45	1.66	1.76	1.59	1.37	1.28			
110	2.27	2.39	2.79	3.26	3.61	3.36	2.92	2.52	1.87	1.91	2.09	2.38	2.49	2.29	1.97	1.81			
115	3.16	3.34	3.89	4.50	4.92	4.63	4.07	3.52	2.66	2.72	2.98	3.37	3.51	3.24	2.80	2.56			
120	4.26	4.50	5.20	5.90	6.32	6.06	5.45	4.76	3.67	3.75	4.10	4.55	4.66	4.40	3.85	3.52			
125	5.56	5.86	6.66	7.36	7.75	7.56	6.98	6.19	4.86	4.98	5.39	5.85	5.89	5.68	5.09	4.68			
130	7.03	7.35	8.18	8.80	9.16	9.03	8.57	7.76	6.21	6.37	6.79	7.17	7.17	6.99	6.43	5.98			
135	8.61	8.93	9.70	10.2	10.5	10.4	10.1	9.43	7.72	7.88	8.26	8.53	8.48	8.33	7.85	7.39			
140	10.3	10.6	11.2	11.5	11.7	11.9	11.7	11.2	9.35	9.50	9.79	9.86	9.76	9.64	9.33	8.93			
145	12.1	12.3	12.6	12.7	12.9	13.1	13.2	12.9	11.1	11.2	11.3	11.2	11.0	10.9	10.8	10.6			
150	13.7	13.9	13.9	13.8	14.0	14.3	14.6	14.5	12.8	12.7	12.7	12.4	12.2	12.1	12.1	12.2			
155	15.1	15.2	15.0	14.9	15.1	15.5	15.8	15.8	14.2	14.1	14.0	13.7	13.4	13.2	13.4	13.6			
160	16.4	16.4	16.2	16.2	16.4	16.8	16.9	16.9	15.5	15.4	15.3	15.1	14.8	14.6	14.7	15.0			
165	17.6	17.7	17.5	17.6	17.9	18.1	18.1	18.0	17.0	16.7	16.7	16.6	16.4	16.2	16.2	16.5			
170	18.8	18.9	18.8	18.9	19.1	19.3	19.1	18.9	18.5	18.1	18.1	18.1	18.0	17.8	17.8	18.0			
175	19.9	19.8	19.7	19.7	19.9	19.9	19.7	19.7	19.8	19.3	19.2	19.3	19.3	19.1	19.1	19.2			
180	20.3	20.1	19.9	19.9	20.2	19.9	19.9	19.9	20.3	20.0	19.9	19.9	20.2	19.9	19.9	19.9			

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: