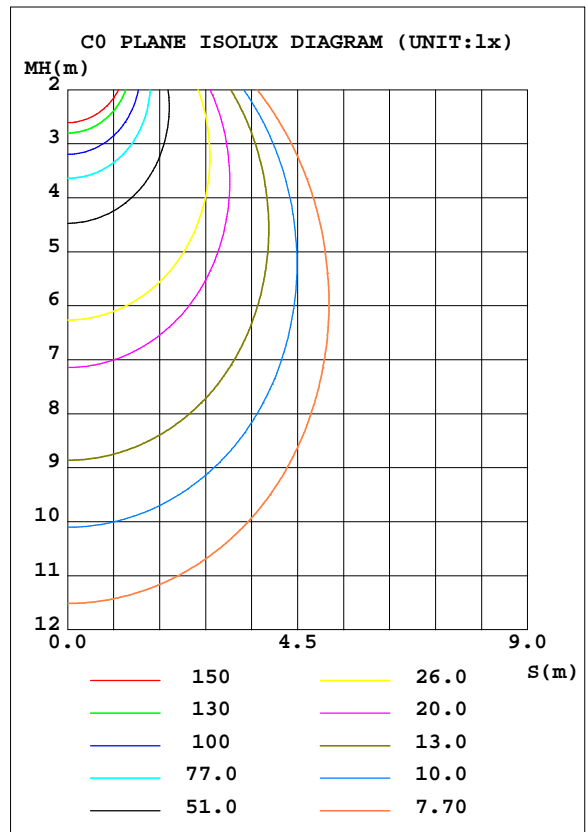
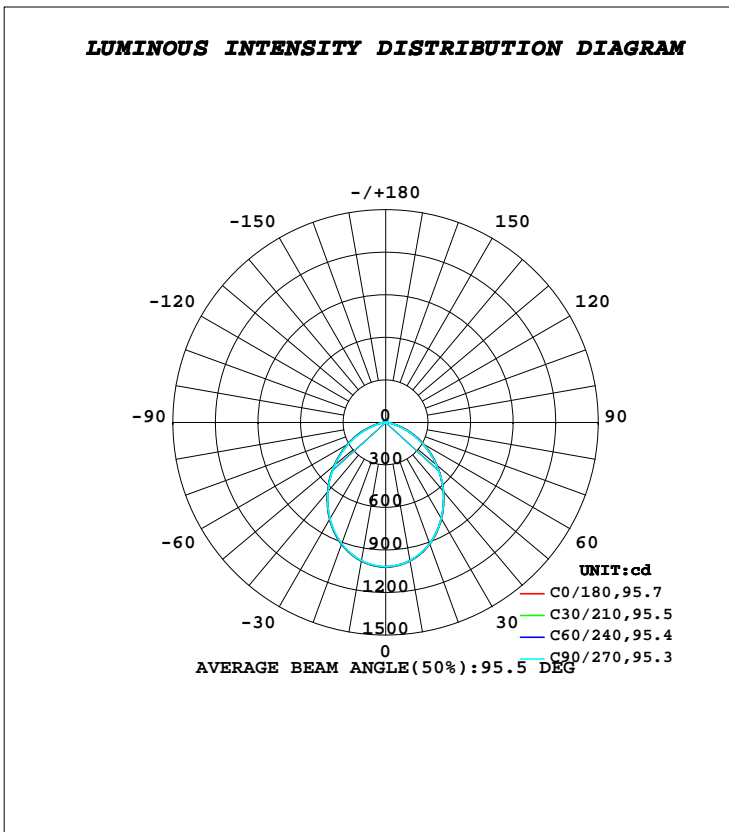


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:220.50V I:0.1080A P:22.500W PF:0.9410 Freq:50.00Hz		
Lamp Flux:2380.44x1 lm		
Name: NS11-φ193MM-23W	Type: LED	
MFR.: Lumega Group	DIM.: D193*H80mm	
	SUR.: D145mm	

DATA OF LAMP		PHOTOMETRIC DATA Eff: 105.80 lm/W			
MODEL		I <sub>max</sub> (cd)	1021	S/MH(C0/180)	1.16
NOMINAL POWER(W)	23	LOR(%)	100.0	S/MH(C90/270)	1.16
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	2380.4	η UP, DN(C0-180)	1.2, 48.6
NOMINAL FLUX(lm)	2380.44	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.3, 48.8
LAMPS INSIDE	1	η up(%)	2.5	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220	η down(%)	97.5	CIBSE SHR MAX	1.30



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2022-04-24**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity:65.0%**  
**Test Distance:8.000m [K=0.7063]**  
**Remarks:**

**ZONAL FLUX DIAGRAM**

**ZONAL FLUX DIAGRAM:**

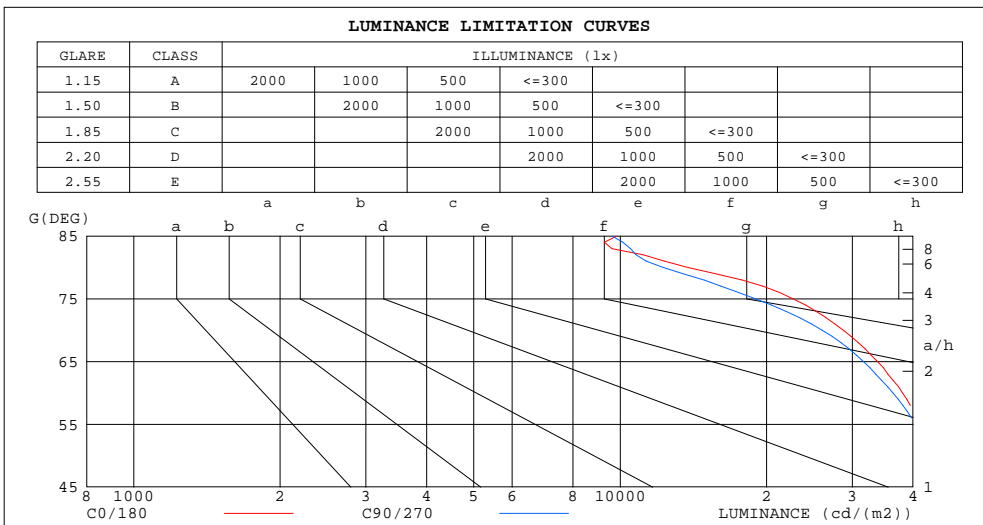
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp	
10	992.7	989.4	988.3	990.9	993.4	991.1	988.6	989.6	0- 10	95.87	95.87	4.03,4.03	
20	913.2	909.7	908.7	911.9	915.0	912.7	910.0	910.7	10- 20	269.4	365.3	15.3,15.3	
30	787.4	784.3	783.6	787.5	791.2	788.6	785.4	785.6	20- 30	392.7	758.0	31.8,31.8	
40	635.8	633.5	633.0	635.7	638.3	636.5	634.2	634.4	30- 40	445.5	1204	50.6,50.6	
50	474.6	468.8	467.0	472.0	477.1	474.4	471.0	471.7	40- 50	427.3	1631	68.5,68.5	
60	314.1	303.9	300.4	308.3	316.2	310.2	303.6	306.2	50- 60	347.8	1979	83.1,83.1	
70	162.4	150.8	146.9	156.8	166.3	156.8	146.9	150.8	60- 70	226.6	2205	92.6,92.6	
80	39.53	35.42	35.17	42.06	48.19	43.21	37.05	36.78	70- 80	96.72	2302	96.7,96.7	
90	3.708	3.160	3.336	4.818	6.227	5.956	5.198	4.504	80- 90	18.42	2320	97.5,97.5	
100	4.795	4.464	4.583	5.475	6.393	6.594	6.414	5.787	90-100	5.347	2326	97.7,97.7	
110	6.608	6.329	6.459	7.302	8.151	8.281	8.062	7.487	100-110	6.796	2333	98,98	
120	8.647	8.343	8.451	9.281	10.11	10.16	9.894	9.385	110-120	8.235	2341	98.3,98.3	
130	10.62	10.37	10.49	11.26	12.01	11.99	11.68	11.23	120-130	9.192	2350	98.7,98.7	
140	12.27	12.11	12.25	12.92	13.56	13.51	13.22	12.82	130-140	9.308	2359	99.1,99.1	
150	13.62	13.57	13.71	14.20	14.65	14.56	14.29	13.99	140-150	8.457	2368	99.5,99.5	
160	14.80	14.95	15.10	15.30	15.45	15.47	15.39	15.15	150-160	6.773	2374	99.7,99.7	
170	15.80	15.90	15.99	16.10	16.17	16.07	15.94	15.86	160-170	4.410	2379	99.9,99.9	
180	16.55	16.42	16.37	16.49	16.61	16.46	16.32	16.38	170-180	1.545	2380	100,100	
DEG	LUMINOUS INTENSITY:cd									UNIT:lm			

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2022-04-24**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity:65.0%**  
**Test Distance:8.000m [K=0.7063]**  
**Remarks:**

**LUMINANCE LIMITATION CURVES**

Test:U:220.50V I:0.1080A P:22.500W PF:0.9410 Freq:50.00Hz		
Lamp Flux:2380.44x1 lm		
Name: NS11-φ193MM-23W	Type: LED	
MFR.: Lumega Group	DIM.: D193*H80mm	
	SUR.: D145mm	



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	9833	9628
80	13797	12275
75	22686	18991
70	28786	26038
65	33844	31635
60	38068	36410
55	41610	40483
50	44749	44030
45	47495	47356

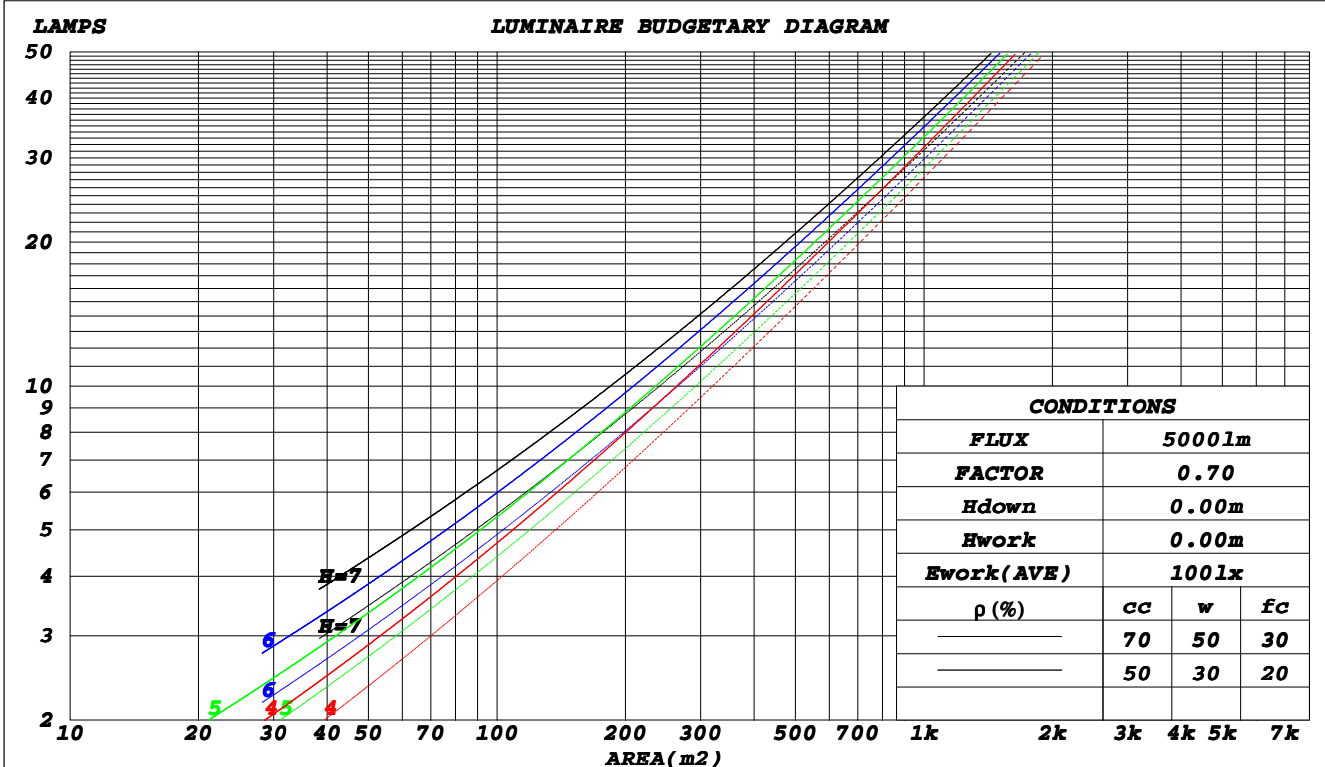
**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2022-04-24**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity: 65.0%**  
**Test Distance: 8.000m [K=0.7063]**  
**Remarks:**

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Test:U:220.50V I:0.1080A P:22.500W PF:0.9410 Freq:50.00Hz		
Lamp Flux:2380.44x1 lm		
Name: NS11-φ193MM-23W	Type: LED	
MFR.: Lumega Group	DIM.: D193*H80mm	
	SUR.: D145mm	

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
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Coefficients of Utilization(CU)</b>									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.97
1.0	1.05	1.01	.98	1.03	.99	.96	.98	.95	.93	.94	.91	.89	.90	.88	.86	.84
2.0	.93	.87	.81	.91	.85	.80	.87	.82	.78	.83	.79	.76	.80	.77	.74	.72
3.0	.82	.75	.69	.81	.74	.68	.77	.71	.67	.74	.69	.65	.72	.67	.64	.62
4.0	.74	.65	.59	.72	.64	.59	.69	.63	.58	.67	.61	.57	.64	.60	.56	.53
5.0	.66	.58	.51	.65	.57	.51	.63	.56	.50	.60	.54	.50	.58	.53	.49	.47
6.0	.60	.51	.45	.59	.51	.45	.57	.50	.44	.55	.49	.44	.53	.48	.43	.41
7.0	.54	.46	.40	.54	.46	.40	.52	.45	.40	.50	.44	.39	.49	.43	.39	.37
8.0	.50	.42	.36	.49	.41	.36	.48	.41	.36	.46	.40	.35	.45	.39	.35	.33
9.0	.46	.38	.33	.45	.38	.33	.44	.37	.32	.43	.36	.32	.42	.36	.32	.30
10.0	.42	.35	.30	.42	.35	.30	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2022-04-24

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.443  
 Humidity: 65.0%  
 Test Distance: 8.000m [K=0.7063]  
 Remarks:

**WEC AND CCEC**

Test:U:220.50V I:0.1080A P:22.500W PF:0.9410 Freq:50.00Hz		
Lamp Flux:2380.44x1 lm		
Name: NS11-φ193MM-23W	Type: LED	
MFR.: Lumega Group	DIM.: D193*H80mm	
	SUR.: D145mm	

ρ <sub>cc</sub>	80%			70%			50%			30%			10%			0
ρ <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ <sub>fc</sub>	20%			20%			20%			20%			20%			0
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Wall Exitance Coefficients(WEC)</b>									
0.0																
1.0	.273	.155	.049	.266	.151	.048	.251	.144	.046	.238	.137	.044	.225	.131	.042	
2.0	.263	.144	.044	.256	.141	.043	.243	.135	.042	.231	.130	.041	.220	.125	.039	
3.0	.247	.131	.039	.241	.129	.039	.229	.124	.038	.219	.120	.037	.209	.116	.036	
4.0	.230	.120	.035	.225	.118	.035	.215	.114	.034	.206	.110	.033	.197	.107	.033	
5.0	.215	.110	.032	.210	.108	.031	.201	.105	.031	.193	.102	.030	.185	.099	.030	
6.0	.201	.101	.029	.197	.099	.029	.189	.097	.028	.181	.094	.028	.174	.092	.027	
7.0	.188	.093	.026	.184	.092	.026	.177	.089	.026	.170	.087	.025	.164	.085	.025	
8.0	.176	.086	.024	.173	.085	.024	.167	.083	.024	.160	.081	.023	.155	.079	.023	
9.0	.166	.080	.022	.163	.079	.022	.157	.078	.022	.152	.076	.022	.146	.074	.021	
10.0	.157	.075	.021	.154	.074	.021	.149	.073	.020	.143	.071	.020	.139	.070	.020	

ρ <sub>cc</sub>	80%			70%			50%			30%			10%			0
ρ <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ <sub>fc</sub>	20%			20%			20%			20%			20%			0
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Ceiling Cavity Exitance Coefficients(CCEC)</b>									
0.0	.210	.210	.210	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.197	.176	.157	.169	.151	.135	.115	.104	.093	.066	.060	.054	.021	.019	.018	
2.0	.188	.152	.121	.161	.130	.105	.110	.090	.073	.064	.053	.043	.020	.017	.014	
3.0	.180	.134	.097	.154	.115	.084	.106	.080	.059	.061	.047	.035	.020	.015	.011	
4.0	.172	.120	.081	.148	.104	.070	.101	.072	.049	.059	.042	.029	.019	.014	.010	
5.0	.165	.110	.069	.141	.095	.060	.097	.066	.043	.056	.039	.025	.018	.013	.008	
6.0	.158	.101	.061	.136	.088	.053	.094	.061	.037	.054	.036	.022	.018	.012	.007	
7.0	.151	.094	.055	.130	.082	.048	.090	.057	.034	.052	.034	.020	.017	.011	.007	
8.0	.145	.089	.050	.125	.077	.043	.086	.054	.031	.050	.032	.018	.016	.010	.006	
9.0	.139	.084	.046	.120	.073	.040	.083	.051	.029	.048	.030	.017	.016	.010	.006	
10.0	.134	.079	.043	.115	.069	.038	.080	.049	.027	.047	.029	.016	.015	.009	.005	

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2022-04-24**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity:65.0%**  
**Test Distance:8.000m [K=0.7063]**  
**Remarks:**

**UGR(Unified Glare Rating) Table**

Test:U:220.50V I:0.1080A P:22.500W PF:0.9410 Freq:50.00Hz		
Lamp Flux:2380.44x1 lm		
Name: NS11-φ193MM-23W	Type: LED	
MFR.: Lumega Group	DIM.: D193*H80mm	
	SUR.: D145mm	

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				
<b>x = 2H y = 2H</b>	<b>25.4</b>	<b>26.8</b>	<b>25.7</b>	<b>27.0</b>	<b>27.3</b>	<b>25.3</b>	<b>26.7</b>	<b>25.6</b>	<b>26.9</b>	<b>27.1</b>
3H	26.4	27.7	26.7	28.0	28.2	26.2	27.5	26.5	27.7	28.0
4H	26.7	27.9	27.0	28.2	28.5	26.4	27.6	26.8	27.9	28.2
6H	26.8	27.9	27.2	28.2	28.6	26.5	27.6	26.8	27.9	28.2
8H	26.8	27.9	27.2	28.2	28.5	26.5	27.6	26.8	27.9	28.2
12H	26.8	27.8	27.1	28.1	28.5	26.4	27.5	26.8	27.8	28.2
<b>4H 2H</b>	<b>25.8</b>	<b>27.0</b>	<b>26.1</b>	<b>27.3</b>	<b>27.6</b>	<b>25.7</b>	<b>26.9</b>	<b>26.0</b>	<b>27.2</b>	<b>27.5</b>
3H	26.9	28.0	27.3	28.3	28.7	26.8	27.8	27.1	28.1	28.5
4H	27.3	28.3	27.7	28.6	29.0	27.1	28.0	27.5	28.4	28.7
6H	27.5	28.3	27.9	28.7	29.1	27.2	28.0	27.6	28.4	28.8
8H	27.5	28.3	27.9	28.7	29.1	27.2	27.9	27.6	28.4	28.8
12H	27.5	28.2	27.9	28.6	29.1	27.2	27.9	27.6	28.3	28.8
<b>8H 4H</b>	<b>27.4</b>	<b>28.2</b>	<b>27.8</b>	<b>28.6</b>	<b>29.0</b>	<b>27.1</b>	<b>27.9</b>	<b>27.6</b>	<b>28.3</b>	<b>28.7</b>
6H	27.6	28.2	28.1	28.7	29.1	27.3	27.9	27.8	28.4	28.9
8H	27.6	28.2	28.1	28.6	29.1	27.3	27.9	27.8	28.4	28.9
12H	27.6	28.1	28.1	28.6	29.1	27.3	27.8	27.9	28.3	28.8
<b>12H 4H</b>	<b>27.3</b>	<b>28.1</b>	<b>27.8</b>	<b>28.5</b>	<b>28.9</b>	<b>27.1</b>	<b>27.8</b>	<b>27.6</b>	<b>28.2</b>	<b>28.7</b>
6H	27.6	28.1	28.1	28.6	29.1	27.3	27.8	27.8	28.3	28.8
8H	27.6	28.1	28.1	28.6	29.1	27.3	27.8	27.8	28.3	28.8
<b>Variations with the observer position at spacings(CIE Pub.117):</b>										
<b>S = 1.0H</b>	<b>+ 0.3 / - 0.4</b>					<b>+ 0.3 / - 0.4</b>				
<b>1.5H</b>	<b>+ 0.2 / - 0.3</b>					<b>+ 0.2 / - 0.4</b>				
<b>2.0H</b>	<b>+ 0.5 / - 0.5</b>					<b>+ 0.5 / - 0.5</b>				

CIE Pub.117, 2380 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 3.0)  
 Area: 0.0165 m2

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2022-04-24**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity:65.0%**  
**Test Distance:8.000m [K=0.7063]**  
**Remarks:**

**UTILIZATION FACTORS TABLE**

Test:U:220.50V I:0.1080A P:22.500W PF:0.9410 Freq:50.00Hz Lamp Flux:2380.44x1 lm		
Name: NS11-φ193MM-23W	Type: LED	
MFR.: Lumega Group	DIM.: D193*H80mm	
	SUR.: D145mm	

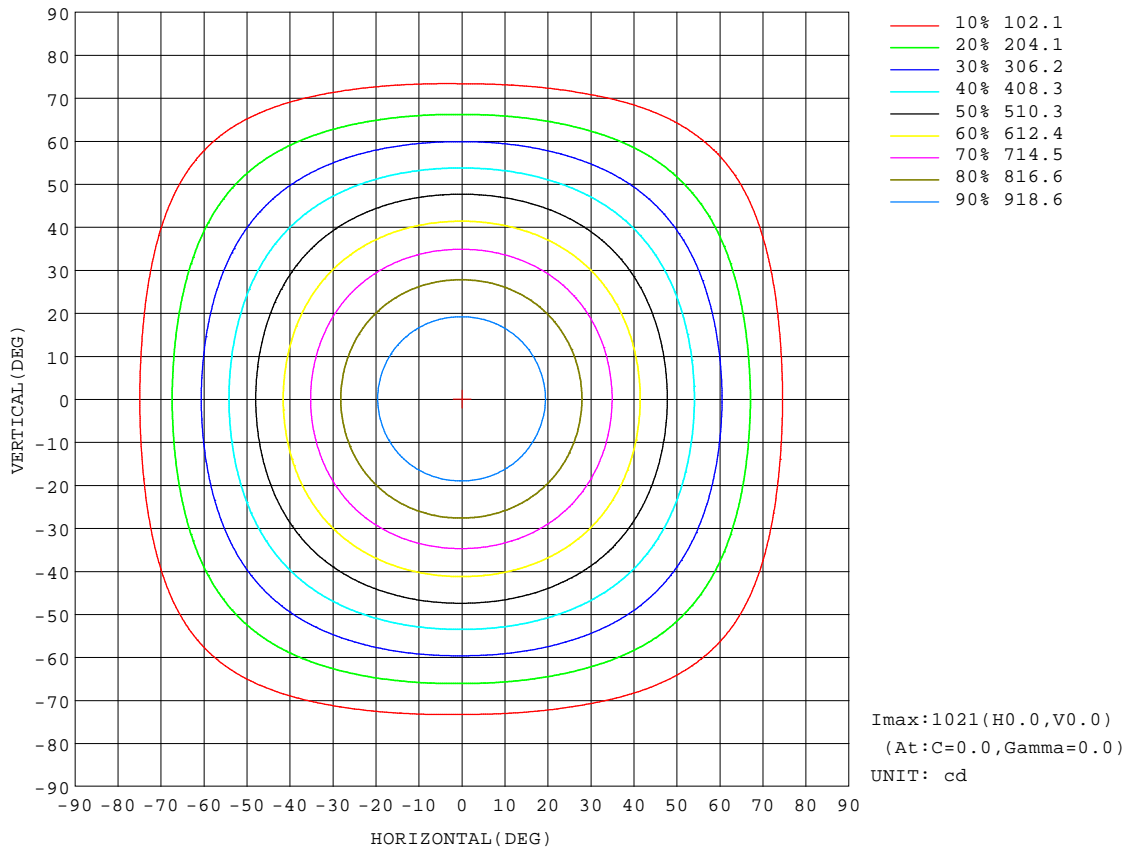
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
<b>ROOM INDEX</b>	<b>UTILIZATION FACTORS(PERCENT) <math>k(RI) \times RCR = 5</math></b>									
<b>k = 0.60</b>	61	50	43	60	50	43	59	49	43	37
<b>0.80</b>	71	60	53	70	60	53	68	59	52	46
<b>1.00</b>	79	69	62	78	68	62	75	69	61	54
<b>1.25</b>	86	76	70	84	76	69	82	74	68	61
<b>1.50</b>	91	82	75	89	81	75	86	79	74	66
<b>2.00</b>	97	89	84	95	88	83	91	86	81	73
<b>2.50</b>	101	94	88	98	92	87	94	89	85	77
<b>3.00</b>	104	98	93	101	96	91	97	93	89	80
<b>4.00</b>	107	102	98	105	100	96	100	97	93	84
<b>5.00</b>	109	105	101	107	103	100	102	99	96	87
<b>ROOM INDEX</b>	<b>UF(total)</b>									<b>Direct</b>
<b>According to DIN EN 13032-2 2004</b>			<b>Suspended</b>					<b>SHRNOM = 1.25</b>		

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2022-04-24**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity:65.0%**  
**Test Distance:8.000m [K=0.7063]**  
**Remarks:**

**ISOCANDELA DIAGRAM**

Test:U:220.50V I:0.1080A P:22.500W PF:0.9410 Freq:50.00Hz		
Lamp Flux:2380.44x1 lm		
Name: NS11-φ193MM-23W	Type: LED	
MFR.: Lumega Group	DIM.: D193*H80mm	
	SUR.: D145mm	



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2022-04-24**

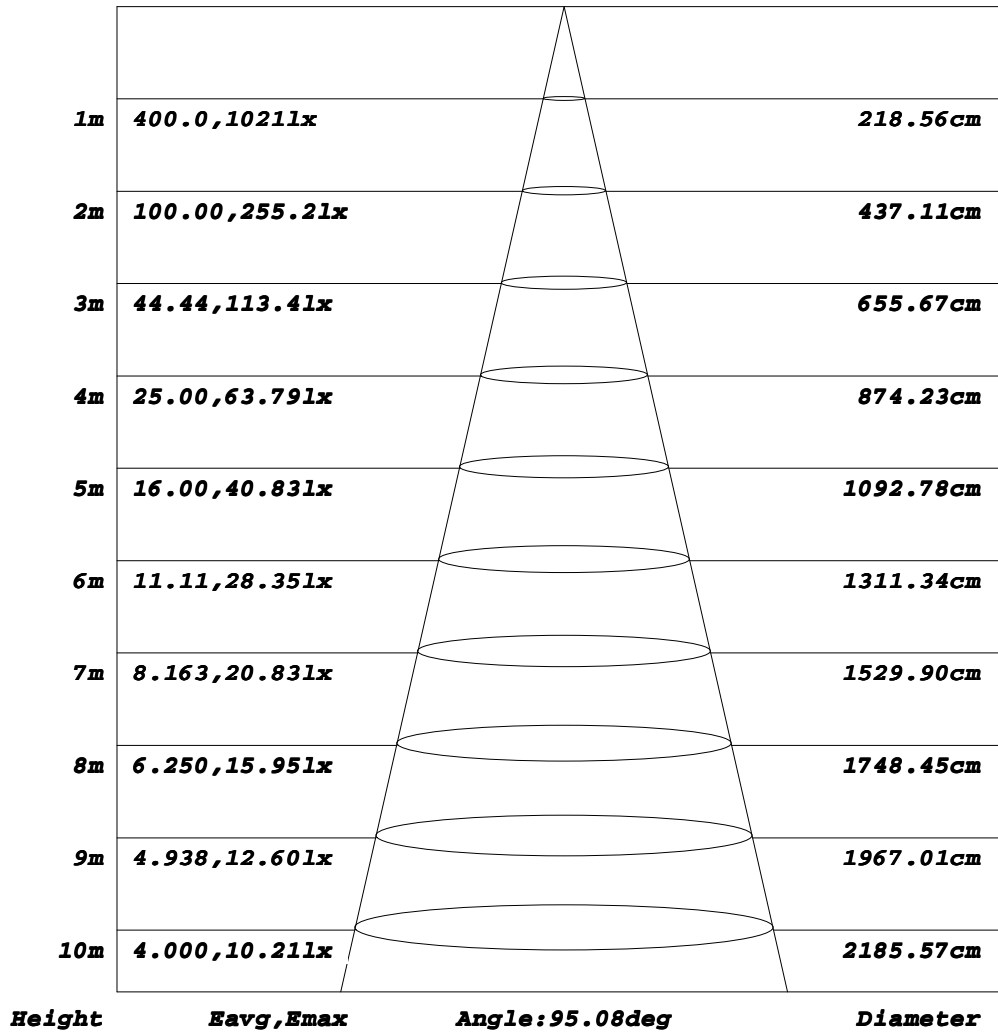
**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity:65.0%**  
**Test Distance:8.000m [K=0.7063]**  
**Remarks:**



**AAI Figure**

Test:U:220.50V I:0.1080A P:22.500W PF:0.9410 Freq:50.00Hz		
Lamp Flux:2380.44x1 lm		
Name: NS11-φ193MM-23W	Type: LED	
MFR.: Lumega Group	DIM.: D193*H80mm	
	SUR.: D145mm	

**Flux out:1550 lm**



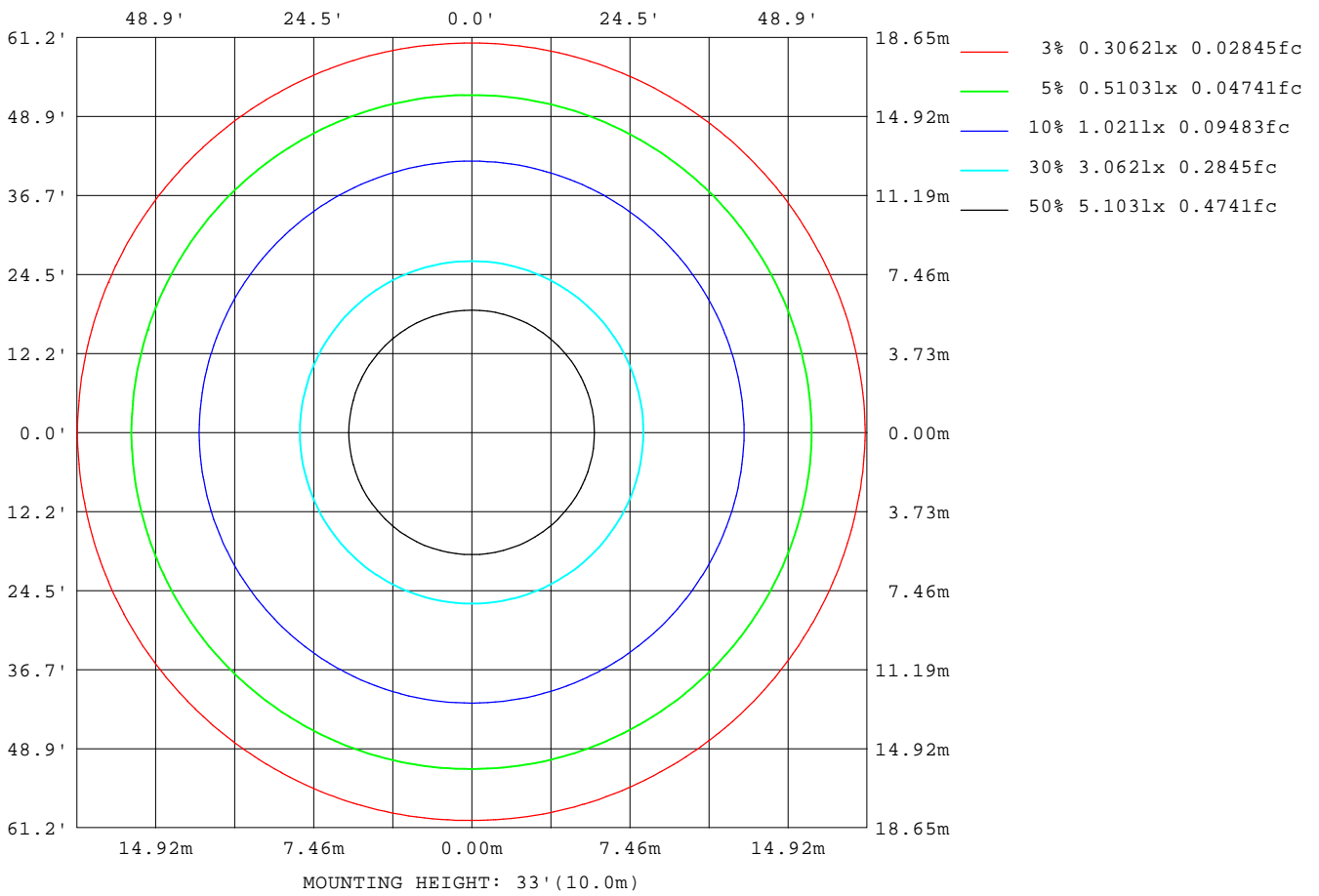
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2022-04-24**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity: 65.0%**  
**Test Distance: 8.000m [K=0.7063]**  
**Remarks:**

**ISOLUX DIAGRAM**

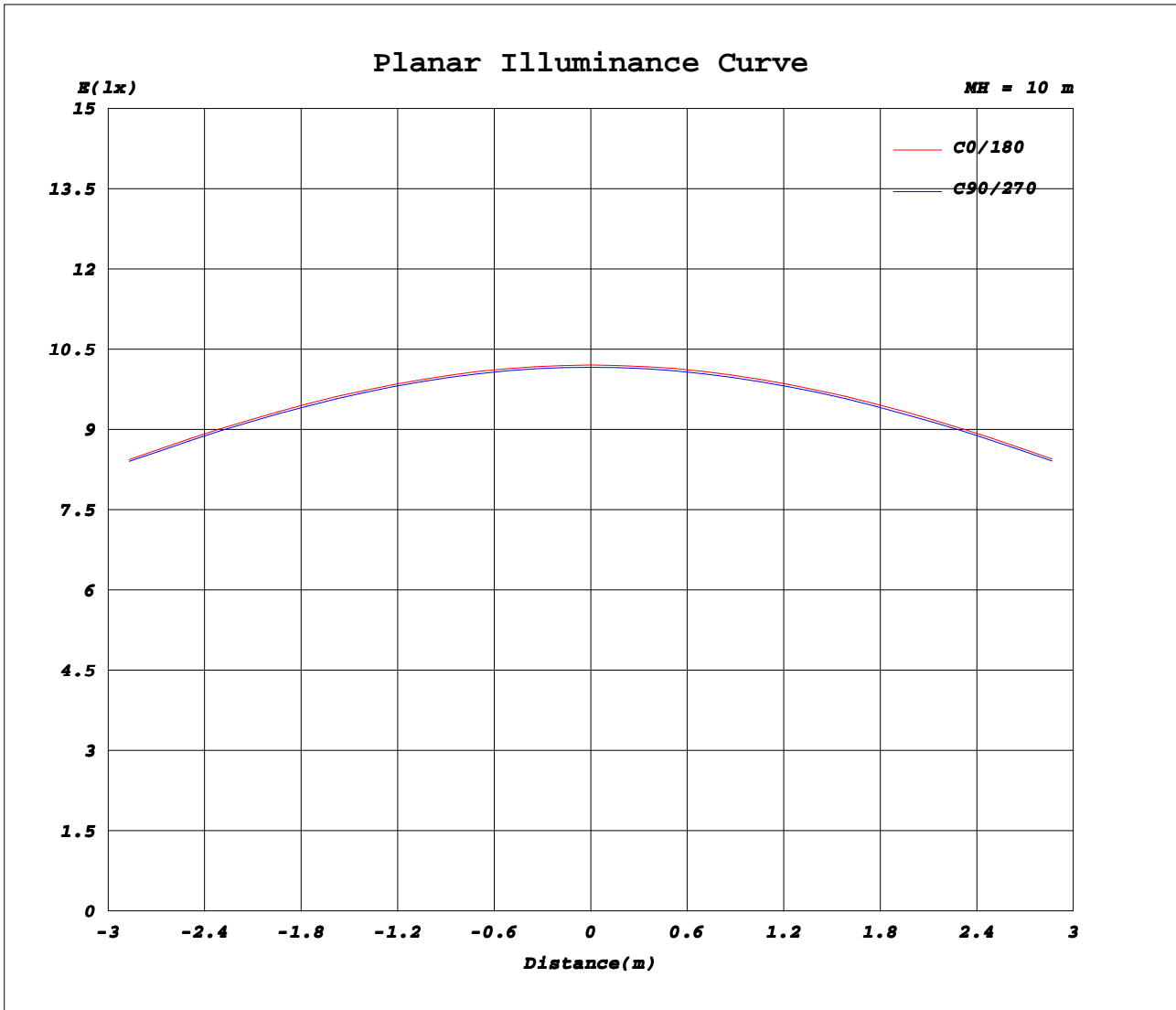
Test:U:220.50V I:0.1080A P:22.500W PF:0.9410 Freq:50.00Hz		
Lamp Flux:2380.44x1 lm		
Name: NS11-φ193MM-23W	Type: LED	
MFR.: Lumega Group	DIM.: D193*H80mm	
	SUR.: D145mm	



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2022-04-24**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity: 65.0%**  
**Test Distance: 8.000m [K=0.7063]**  
**Remarks:**

**Planar Illuminance Curve**



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2022-04-24**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity: 65.0%**  
**Test Distance: 8.000m [K=0.7063]**  
**Remarks:**

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:220.50V I:0.1080A P:22.500W PF:0.9410 Freq:50.00Hz		
Lamp Flux:2380.44x1 lm		
Name: NS11-φ193MM-23W	Type: LED	
MFR.: Lumega Group	DIM.: D193*H80mm	
	SUR.: D145mm	

Table--1

UNIT: cd

C( DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	1021	1018	1017	1017	1018	1019	1021	1019	1018	1017	1017	1018							
5	1013	1011	1010	1009	1011	1013	1014	1013	1011	1009	1010	1011							
10	993	990	989	988	990	992	993	992	990	989	989	990							
15	958	956	955	954	956	958	960	959	957	955	955	957							
20	913	910	909	909	911	913	915	914	912	910	910	911							
25	855	853	851	851	853	856	858	857	854	852	852	853							
30	787	785	784	784	786	789	791	790	788	785	785	786							
35	713	711	710	710	713	716	718	716	714	712	712	712							
40	636	634	633	633	635	637	638	637	636	634	634	635							
45	554	553	552	553	555	557	559	558	556	553	553	553							
50	475	470	468	467	470	474	477	476	473	471	471	472							
55	394	388	384	383	387	391	395	393	390	387	388	390							
60	314	306	302	300	305	311	316	313	308	304	304	308							
65	236	227	222	221	227	234	240	235	228	222	223	228							
70	162	153	148	147	153	161	166	160	153	147	148	153							
75	96.9	87.6	82.4	81.1	87.6	95.2	101	95.7	88.5	82.3	83.4	88.3							
80	39.5	36.1	34.7	35.2	39.6	44.5	48.2	45.3	41.1	37.1	36.4	37.2							
85	14.1	13.7	13.6	13.8	15.0	16.1	17.1	16.6	15.8	14.9	14.5	14.3							
90	3.71	3.22	3.10	3.34	4.29	5.34	6.23	6.15	5.76	5.20	4.75	4.26							
95	4.03	3.80	3.78	3.95	4.51	5.13	5.69	5.86	5.84	5.63	5.27	4.74							
100	4.79	4.50	4.43	4.58	5.15	5.80	6.39	6.59	6.60	6.41	6.06	5.52							
105	5.66	5.39	5.34	5.49	6.04	6.66	7.23	7.40	7.40	7.21	6.86	6.35							
110	6.61	6.35	6.30	6.46	7.00	7.61	8.15	8.30	8.26	8.06	7.73	7.24							
115	7.63	7.35	7.28	7.42	7.97	8.59	9.14	9.26	9.20	8.97	8.66	8.21							
120	8.65	8.38	8.31	8.45	8.98	9.58	10.1	10.2	10.1	9.89	9.59	9.18							
125	9.64	9.41	9.37	9.52	10.0	10.6	11.1	11.2	11.0	10.8	10.5	10.1							
130	10.6	10.4	10.4	10.5	11.0	11.5	12.0	12.1	11.9	11.7	11.4	11.1							
135	11.5	11.3	11.3	11.4	11.9	12.4	12.8	12.8	12.7	12.5	12.2	11.9							
140	12.3	12.1	12.1	12.2	12.7	13.2	13.6	13.6	13.5	13.2	13.0	12.7							
145	13.0	12.9	12.9	13.0	13.4	13.8	14.1	14.2	14.1	13.8	13.6	13.3							
150	13.6	13.6	13.6	13.7	14.0	14.4	14.7	14.6	14.5	14.3	14.1	13.9							
155	14.2	14.3	14.3	14.5	14.7	14.9	15.1	15.1	15.0	14.9	14.7	14.5							
160	14.8	14.9	15.0	15.1	15.2	15.4	15.5	15.5	15.5	15.4	15.2	15.1							
165	15.3	15.4	15.5	15.6	15.7	15.8	15.8	15.8	15.7	15.6	15.6	15.5							
170	15.8	15.9	15.9	16.0	16.1	16.1	16.2	16.1	16.0	15.9	15.9	15.8							
175	16.3	16.2	16.2	16.2	16.3	16.4	16.5	16.4	16.3	16.2	16.2	16.2							
180	16.6	16.4	16.4	16.4	16.4	16.5	16.6	16.5	16.4	16.3	16.3	16.4							

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2022-04-24**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity:65.0%**  
**Test Distance:8.000m [K=0.7063]**  
**Remarks:**