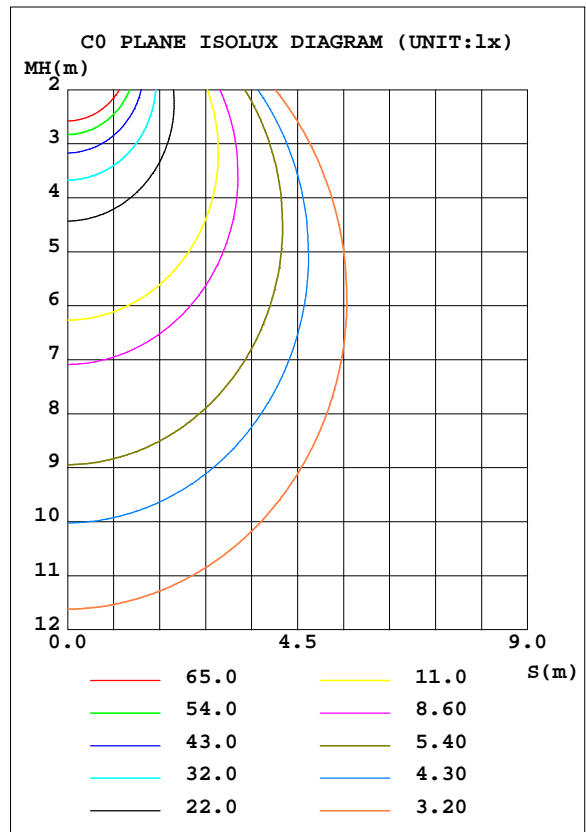
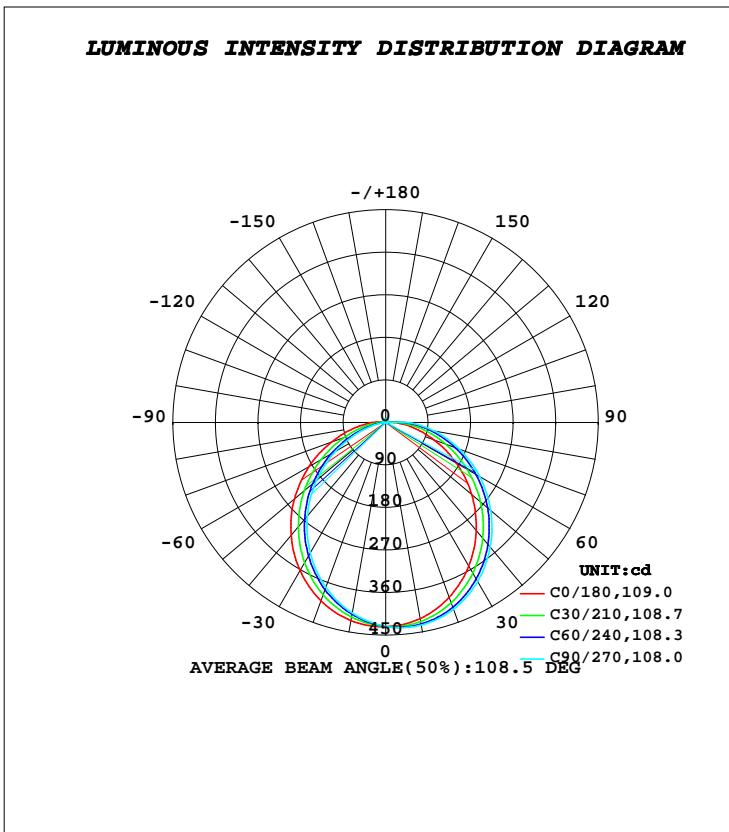


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:221.70V I:0.0520A P:11.100W PF:0.9630 Freq:50.00Hz Lamp Flux:1249.63x1 lm		
Name: NS44-φ220MM-10W(Half Moon)	Type: LED	
MFR.: Lumega Group	DIM.: D220*H50mm	
	SUR.: D180mm	

DATA OF LAMP		PHOTOMETRIC DATA Eff: 112.58 lm/W			
MODEL		I <sub>max</sub> (cd)	436.1	S/MH(C0/180)	1.22
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	1.33
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1249.6	η UP, DN(C0-180)	1.4,54.9
NOMINAL FLUX(lm)	1249.63	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.5,42.3
LAMPS INSIDE	1	η up(%)	2.9	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	221.6	η down(%)	97.1	CIBSE SHR MAX	1.35



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2022-05-07**

**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:**

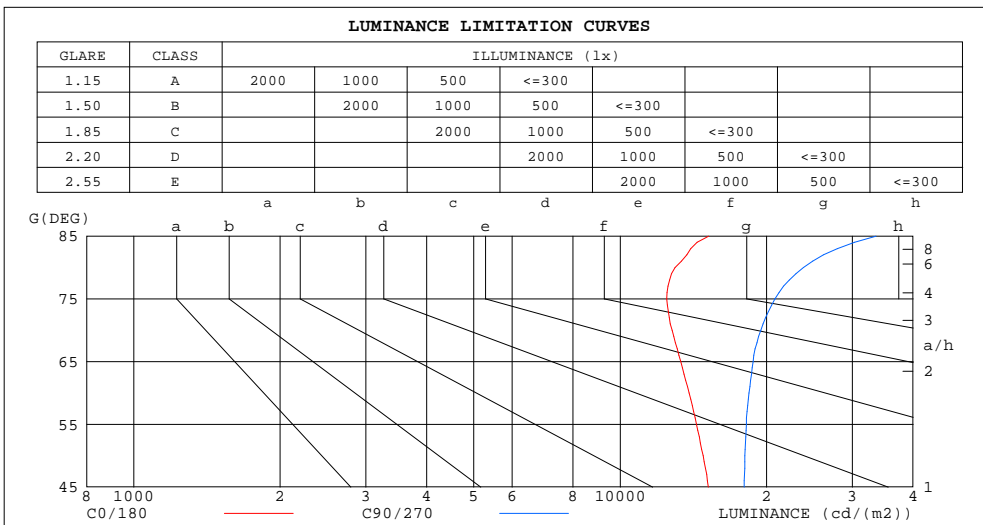
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	421.4	430.2	435.2	431.6	425.4	415.0	409.1	412.0	0- 10	40.75	40.75	3.26,3.26
20	393.6	410.8	420.2	414.3	401.6	382.1	370.9	377.2	10- 20	116.0	156.8	12.5,12.5
30	351.4	375.7	388.7	380.9	362.2	334.8	319.4	328.8	20- 30	173.8	330.6	26.5,26.5
40	298.4	328.2	344.1	334.5	311.4	277.4	258.0	270.7	30- 40	206.5	537.1	43,43
50	238.0	272.0	290.0	278.8	252.5	213.5	191.3	206.8	40- 50	211.0	748.1	59.9,59.9
60	173.2	210.1	230.2	217.0	187.8	146.3	122.9	139.6	50- 60	188.4	936.5	74.9,74.9
70	109.3	146.2	166.4	153.0	122.7	81.41	58.95	75.96	60- 70	144.5	1081	86.5,86.5
80	56.31	86.29	103.4	89.25	65.63	31.66	13.41	30.39	70- 80	90.32	1171	93.7,93.7
90	21.26	33.79	44.05	35.96	27.52	7.549	3.246	8.790	80- 90	42.40	1214	97.1,97.1
100	2.720	2.236	2.354	2.197	3.518	3.854	4.043	3.952	90-100	9.204	1223	97.9,97.9
110	4.405	3.064	2.658	3.522	5.707	4.652	4.876	4.725	100-110	3.977	1227	98.2,98.2
120	4.365	3.772	3.477	3.679	4.901	5.331	5.565	5.399	110-120	4.253	1231	98.5,98.5
130	5.142	4.622	4.389	4.517	5.641	5.973	6.166	6.000	120-130	4.415	1236	98.9,98.9
140	5.820	5.381	5.193	5.283	6.290	6.510	6.664	6.484	130-140	4.351	1240	99.2,99.2
150	6.388	6.042	5.858	5.961	6.776	6.904	6.934	6.822	140-150	3.888	1244	99.5,99.5
160	6.893	6.646	6.576	6.596	7.159	7.225	7.249	7.130	150-160	3.091	1247	99.8,99.8
170	7.306	7.234	7.125	7.160	7.446	7.467	7.453	7.387	160-170	2.015	1249	99.9,99.9
180	7.704	7.653	7.477	7.545	7.698	7.645	7.478	7.535	170-180	0.7109	1250	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:2022-05-07**

**$\gamma$  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:221.70V I:0.0520A P:11.100W PF:0.9630 Freq:50.00Hz		
Lamp Flux:1249.63x1 lm		
Name: NS44-φ220MM-10W(Half Moon)	Type: LED	
MFR.: Lumega Group	DIM.: D220*H50mm	
	SUR.: D180mm	



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	15203	33589
80	12972	23818
75	12474	20818
70	12786	19458
65	13330	18759
60	13858	18413
55	14354	18165
50	14811	18049
45	15179	17994

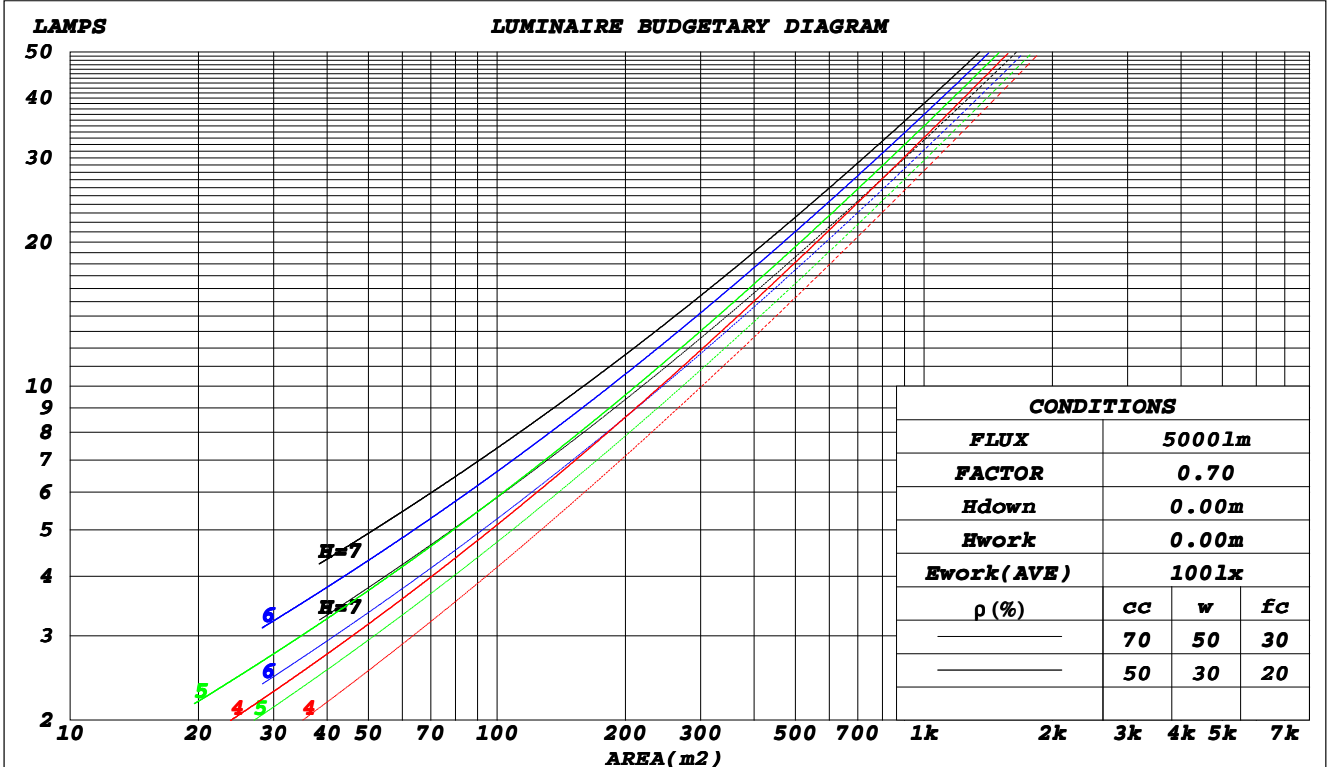
**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2022-05-07**

**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:221.70V I:0.0520A P:11.100W PF:0.9630 Freq:50.00Hz		
Lamp Flux:1249.63x1 lm		
Name: NS44-φ220MM-10W(Half Moon)	Type: LED	
MFR.: Lumega Group	DIM.: D220*H50mm	
	SUR.: D180mm	

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	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.02	.98	.94	.90	.96	.92	.95	.92	.89	.91	.88	.85	.87	.84	.82	.80
2.0	.89	.82	.76	.87	.80	.75	.83	.77	.73	.79	.75	.71	.76	.72	.69	.66
3.0	.78	.70	.63	.76	.69	.62	.73	.66	.61	.70	.64	.60	.67	.62	.58	.56
4.0	.69	.60	.54	.68	.59	.53	.65	.58	.52	.62	.56	.51	.60	.54	.50	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.49	.44	.54	.48	.43	.41
6.0	.56	.47	.40	.55	.46	.40	.52	.45	.39	.51	.44	.39	.49	.43	.38	.36
7.0	.51	.42	.36	.50	.41	.35	.48	.40	.35	.46	.39	.34	.44	.38	.34	.32
8.0	.46	.38	.32	.45	.37	.32	.44	.36	.31	.42	.36	.31	.41	.35	.30	.28
9.0	.42	.34	.29	.42	.34	.28	.40	.33	.28	.39	.32	.28	.38	.32	.27	.26
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2022-05-07

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:221.70V I:0.0520A P:11.100W PF:0.9630 Freq:50.00Hz		
Lamp Flux:1249.63x1 lm		
Name: NS44-φ220MM-10W(Half Moon)	Type: LED	
MFR.: Lumega Group	DIM.: D220*H50mm	
	SUR.: D180mm	

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	.325	.185	.059	.317	.181	.057	.302	.173	.055	.288	.166	.053	.275	.160	.051	
2.0	.298	.163	.050	.291	.160	.049	.278	.155	.048	.266	.149	.047	.254	.144	.045	
3.0	.273	.145	.044	.267	.143	.043	.255	.138	.042	.244	.134	.041	.234	.130	.040	
4.0	.251	.130	.038	.245	.128	.038	.235	.124	.037	.225	.121	.036	.216	.117	.036	
5.0	.231	.118	.034	.226	.116	.034	.217	.113	.033	.208	.110	.033	.200	.107	.032	
6.0	.214	.107	.031	.209	.106	.030	.201	.103	.030	.193	.100	.029	.186	.098	.029	
7.0	.199	.098	.028	.195	.097	.028	.187	.095	.027	.180	.092	.027	.173	.090	.026	
8.0	.185	.091	.025	.182	.090	.025	.175	.087	.025	.169	.085	.025	.163	.083	.024	
9.0	.174	.084	.023	.170	.083	.023	.164	.081	.023	.158	.079	.023	.153	.078	.022	
10.0	.163	.078	.022	.160	.077	.022	.155	.076	.021	.149	.074	.021	.144	.073	.021	

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	.212	.212	.212	.182	.182	.182	.124	.124	.124	.071	.071	.071	.023	.023	.023	
1.0	.203	.178	.155	.174	.153	.134	.119	.105	.092	.069	.061	.054	.022	.020	.017	
2.0	.195	.154	.119	.167	.133	.103	.115	.092	.072	.066	.053	.042	.021	.017	.014	
3.0	.187	.137	.096	.161	.118	.083	.110	.082	.058	.064	.048	.034	.020	.016	.011	
4.0	.180	.123	.081	.154	.107	.070	.106	.074	.049	.061	.044	.029	.020	.014	.010	
5.0	.172	.113	.070	.148	.098	.061	.102	.068	.043	.059	.040	.025	.019	.013	.008	
6.0	.165	.105	.062	.142	.091	.054	.098	.064	.038	.057	.037	.023	.018	.012	.007	
7.0	.158	.098	.056	.136	.085	.049	.094	.060	.034	.055	.035	.021	.018	.011	.007	
8.0	.152	.092	.051	.130	.080	.045	.090	.056	.032	.053	.033	.019	.017	.011	.006	
9.0	.145	.087	.048	.125	.076	.042	.087	.053	.030	.051	.031	.018	.016	.010	.006	
10.0	.140	.083	.045	.120	.072	.039	.084	.051	.028	.049	.030	.017	.016	.010	.006	

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2022-05-07**

**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:221.70V I:0.0520A P:11.100W PF:0.9630 Freq:50.00Hz		
Lamp Flux:1249.63x1 lm		
Name: NS44-φ220MM-10W(Half Moon)	Type: LED	
MFR.: Lumega Group	DIM.: D220*H50mm	
	SUR.: D180mm	

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>	22.3	23.8	22.6	24.0	24.3	23.3	24.8	23.6	25.1	25.3
3H	23.8	25.2	24.1	25.5	25.8	25.3	26.6	25.6	26.9	27.2
4H	24.5	25.8	24.8	26.1	26.4	26.2	27.5	26.6	27.8	28.1
6H	25.0	26.3	25.4	26.6	26.9	27.1	28.4	27.5	28.7	29.0
8H	25.3	26.5	25.7	26.8	27.1	27.6	28.8	28.0	29.1	29.5
12H	25.5	26.6	25.9	27.0	27.3	28.1	29.2	28.5	29.6	29.9
<b>4H 2H</b>	23.1	24.4	23.5	24.7	25.1	23.9	25.2	24.3	25.5	25.8
3H	24.9	26.0	25.3	26.4	26.7	26.1	27.2	26.5	27.6	27.9
4H	25.7	26.7	26.1	27.1	27.5	27.2	28.2	27.6	28.6	29.0
6H	26.4	27.4	26.9	27.8	28.2	28.3	29.2	28.7	29.6	30.1
8H	26.8	27.6	27.2	28.0	28.5	28.9	29.7	29.3	30.2	30.6
12H	27.0	27.8	27.5	28.3	28.7	29.4	30.2	29.9	30.7	31.2
<b>8H 4H</b>	26.2	27.1	26.7	27.5	28.0	27.5	28.4	28.0	28.8	29.3
6H	27.2	28.0	27.7	28.4	28.9	28.9	29.6	29.4	30.1	30.5
8H	27.7	28.3	28.2	28.8	29.3	29.6	30.2	30.1	30.7	31.2
12H	28.1	28.7	28.6	29.2	29.7	30.4	30.9	30.9	31.4	32.0
<b>12H 4H</b>	26.4	27.2	26.8	27.6	28.1	27.5	28.3	28.0	28.8	29.3
6H	27.5	28.1	28.0	28.6	29.1	29.0	29.6	29.5	30.1	30.6
8H	28.0	28.6	28.5	29.1	29.6	29.8	30.3	30.3	30.8	31.4
<b>Variations with the observer position at spacings(CIE Pub.117):</b>										
<b>S = 1.0H</b>	+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.4					+ 0.1 / - 0.3				

CIE Pub.117, 1250 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 0.8)  
 Area: 0.025 m2

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2022-05-07**

**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:221.70V I:0.0520A P:11.100W PF:0.9630 Freq:50.00Hz Lamp Flux:1249.63x1 lm		
Name: NS44-φ220MM-10W(Half Moon)	Type: LED	
MFR.: Lumega Group	DIM.: D220*H50mm	
	SUR.: D180mm	

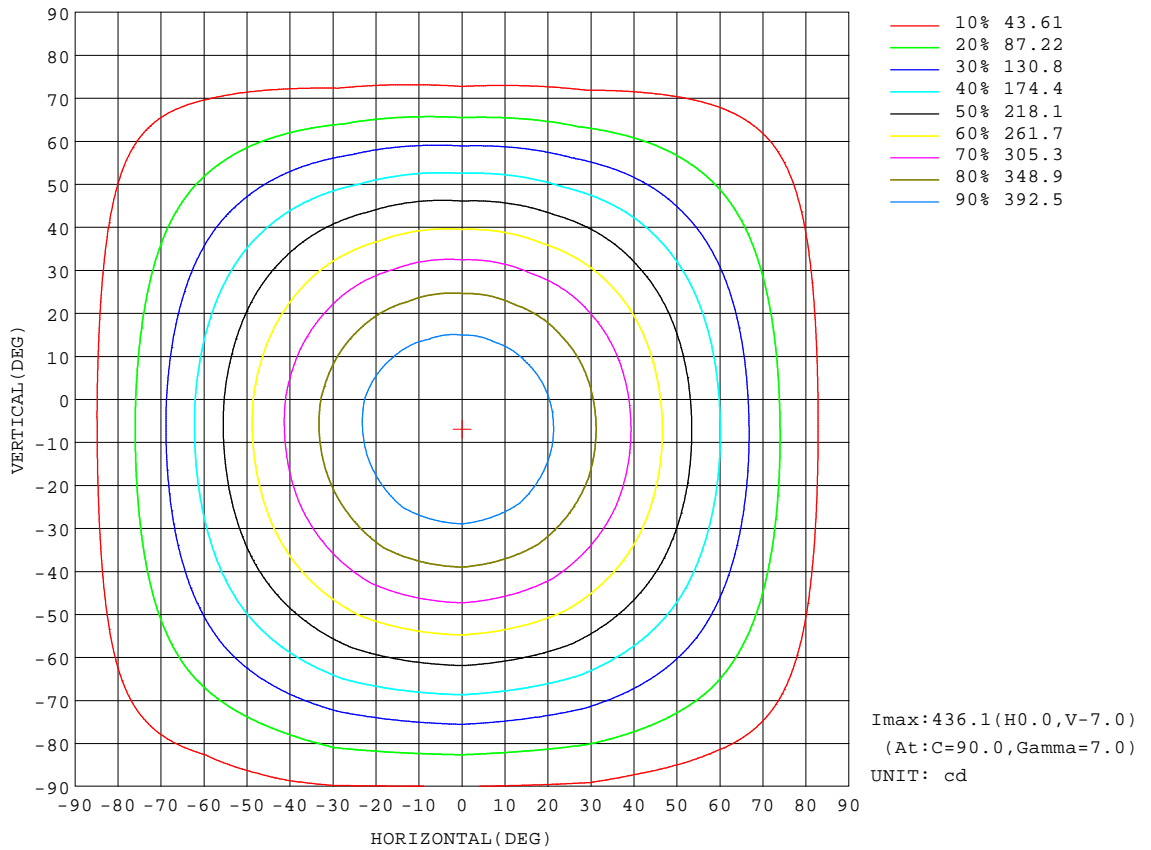
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
<b>ROOM INDEX</b>	<b>UTILIZATION FACTORS(PERCENT) <math>k(RI) \times RCR = 5</math></b>									
<b>k = 0.60</b>	57	45	38	56	45	38	54	44	38	31
<b>0.80</b>	66	55	47	65	54	47	63	53	47	39
<b>1.00</b>	75	63	56	73	63	56	71	64	55	48
<b>1.25</b>	82	71	64	80	70	63	77	68	62	54
<b>1.50</b>	87	76	69	85	75	69	81	73	67	59
<b>2.00</b>	93	84	78	91	83	77	87	81	75	67
<b>2.50</b>	97	89	83	95	88	82	91	85	80	71
<b>3.00</b>	101	93	88	98	92	86	94	88	84	75
<b>4.00</b>	105	99	94	102	97	92	97	93	89	79
<b>5.00</b>	107	102	98	104	100	96	99	96	92	82
<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:2022-05-07**

**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:221.70V I:0.0520A P:11.100W PF:0.9630 Freq:50.00Hz		
Lamp Flux:1249.63x1 lm		
Name: NS44-φ220MM-10W(Half Moon)	Type: LED	
MFR.: Lumega Group	DIM.: D220*H50mm	
	SUR.: D180mm	



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2022-05-07**

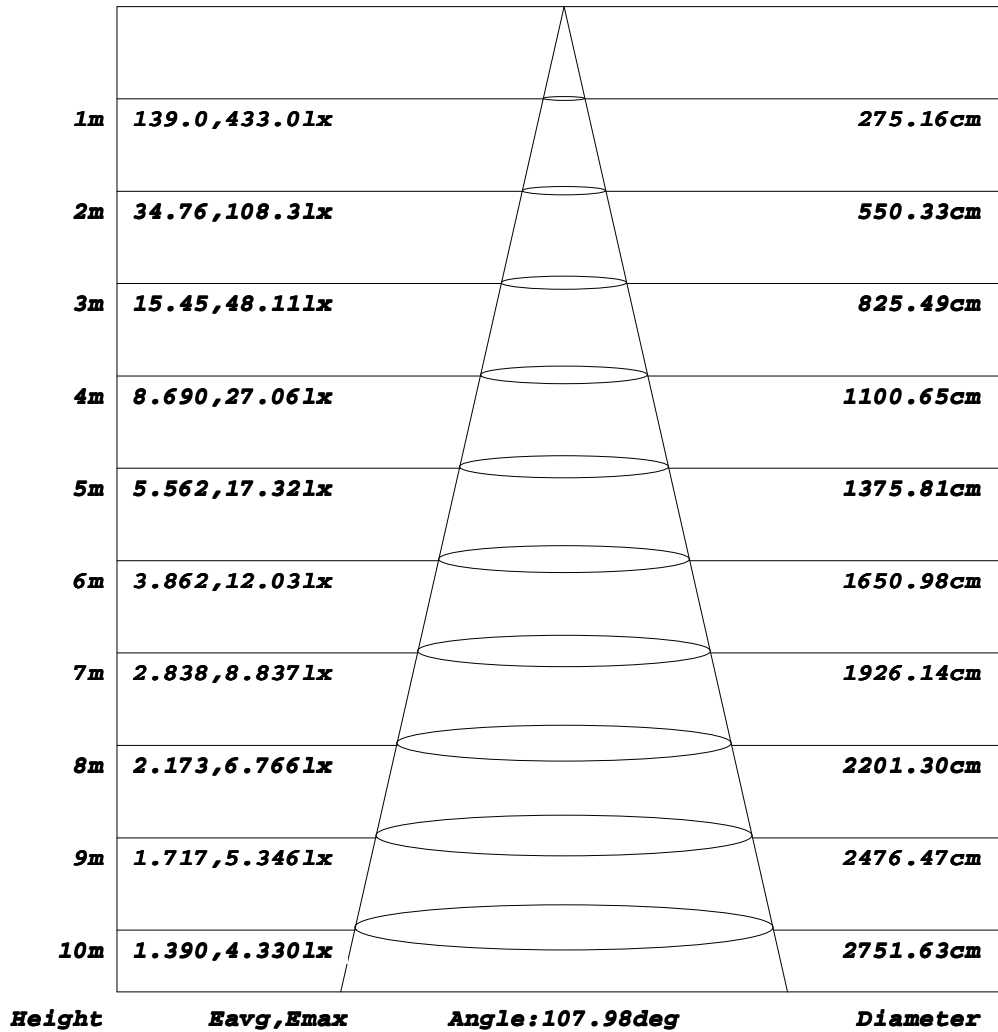
**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity: 65.0%**  
**Test Distance: 8.000m [K=0.7063]**  
**Remarks:**



**AAI Figure**

Test:U:221.70V I:0.0520A P:11.100W PF:0.9630 Freq:50.00Hz		
Lamp Flux:1249.63x1 lm		
Name: NS44-φ220MM-10W(Half Moon)	Type: LED	
MFR.: Lumega Group	DIM.: D220*H50mm	
	SUR.: D180mm	

**Flux out:827.5 lm**



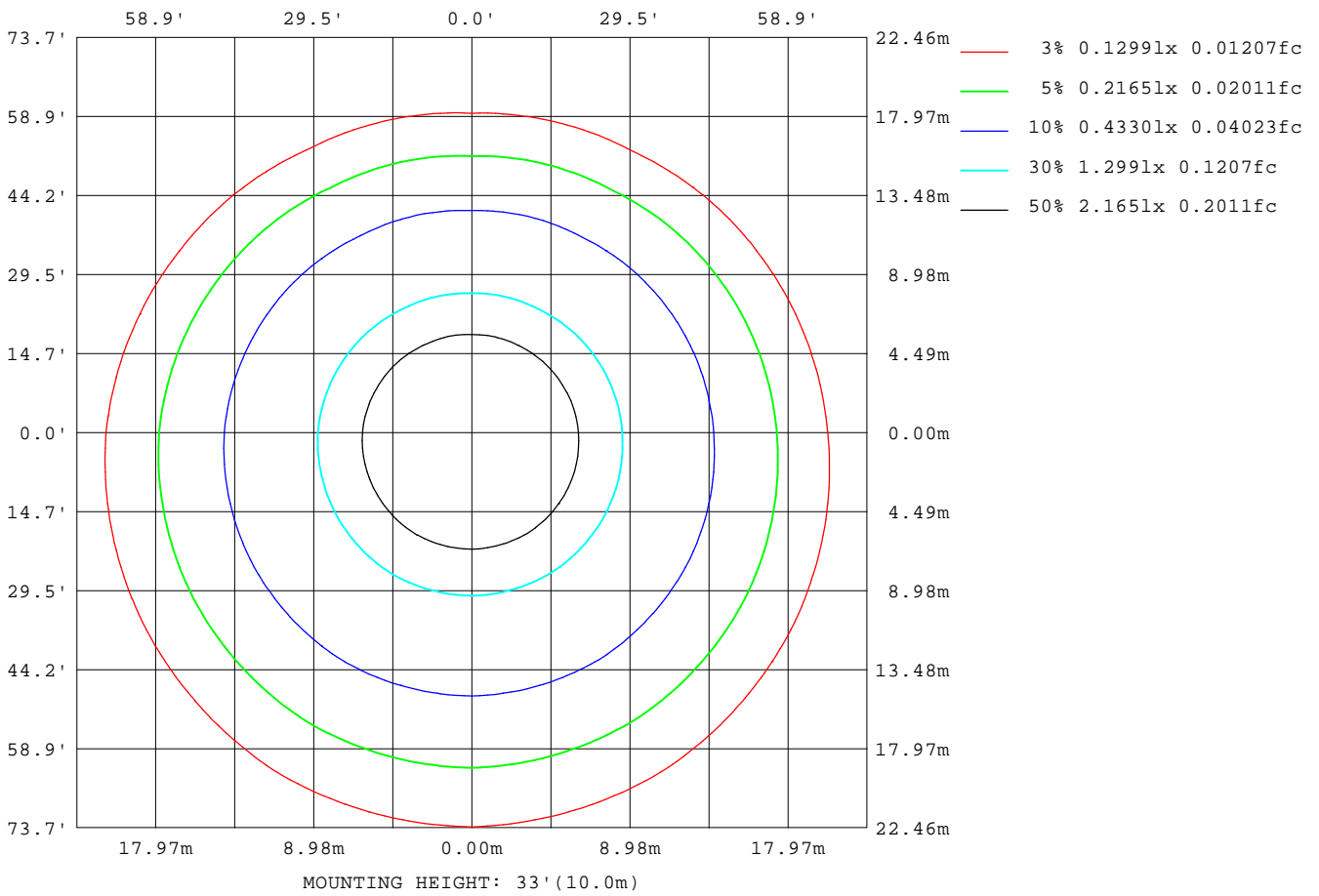
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2022-05-07**

**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**

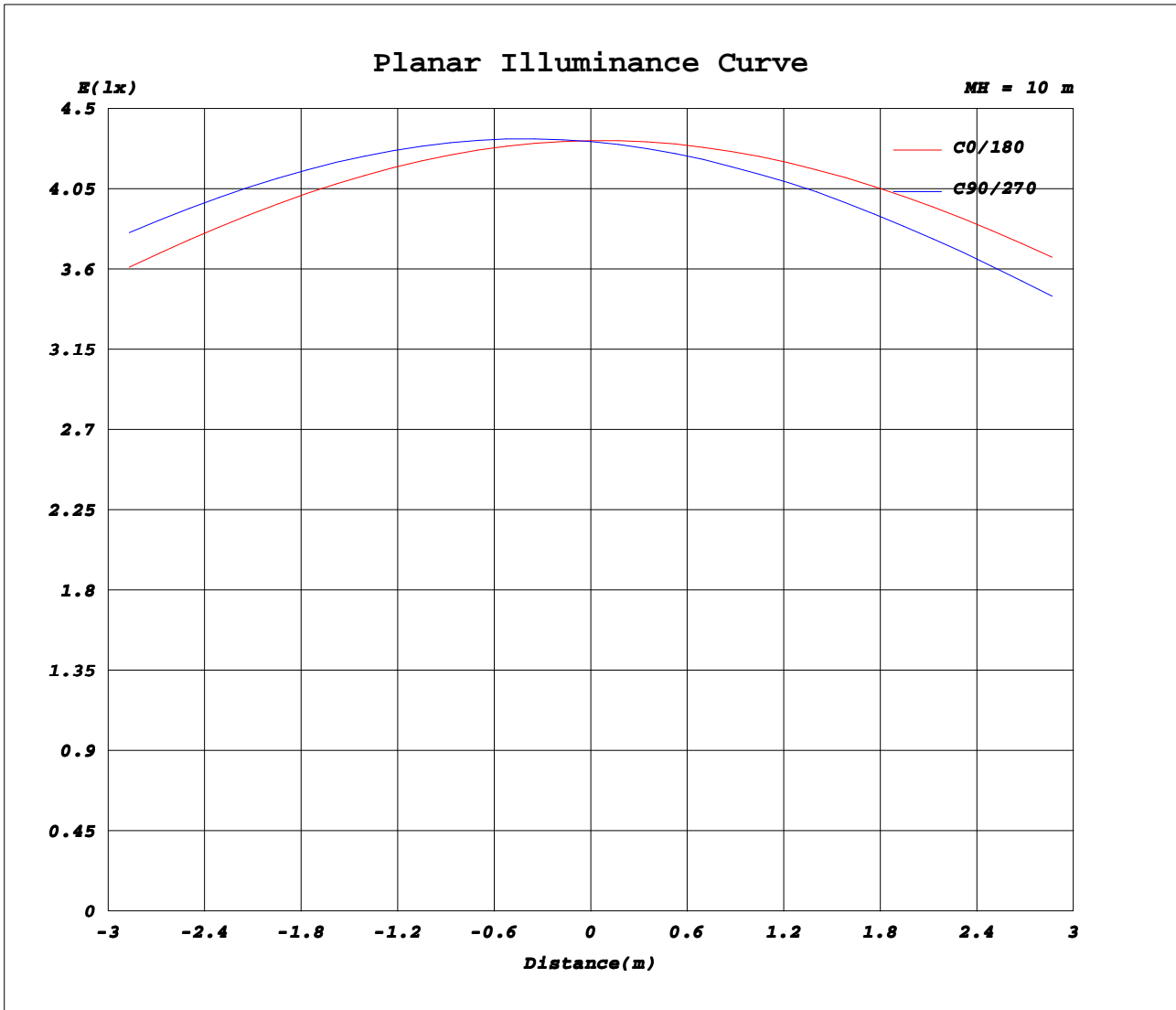
Test:U:221.70V I:0.0520A P:11.100W PF:0.9630 Freq:50.00Hz		
Lamp Flux:1249.63x1 lm		
Name: NS44-φ220MM-10W(Half Moon)	Type: LED	
MFR.: Lumega Group	DIM.: D220*H50mm	
	SUR.: D180mm	



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2022-05-07**

**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: 2022-05-07**

**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:221.70V I:0.0520A P:11.100W PF:0.9630 Freq:50.00Hz Lamp Flux:1249.63x1 lm		
Name: NS44-φ220MM-10W(Half Moon)	Type: LED	
MFR.: Lumega Group	DIM.: D220*H50mm	
	SUR.: D180mm	

Table--1

UNIT: cd

C( DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	432	432	432	431	431	430	432	432	432	431	431	430							
5	429	432	435	436	435	432	431	427	424	422	423	424							
10	421	428	433	435	434	429	425	418	412	409	410	414							
15	409	419	427	430	428	422	415	405	396	392	393	400							
20	394	406	416	420	418	410	402	388	377	371	373	381							
25	374	389	401	406	404	394	383	367	353	347	349	360							
30	351	369	383	389	387	375	362	343	327	319	323	335							
35	326	346	361	368	365	353	338	316	298	290	293	308							
40	298	320	337	344	341	328	311	287	267	258	263	279							
45	268	292	310	318	315	300	283	257	235	225	231	248							
50	238	262	282	290	287	271	253	225	202	191	198	216							
55	206	231	252	260	257	240	220	192	167	157	163	183							
60	173	199	221	230	226	208	188	159	134	123	129	150							
65	141	167	189	198	194	176	155	126	101	90.1	96.3	118							
70	109	136	157	166	162	144	123	94.0	68.8	59.0	65.3	86.6							
75	80.7	105	125	135	129	113	92.2	65.1	41.3	32.4	39.7	60.1							
80	56.3	77.3	95.3	103	99.1	79.4	65.6	42.1	21.2	13.4	21.6	39.2							
85	33.1	48.1	66.4	73.2	70.8	50.1	43.0	23.8	9.18	3.43	10.4	22.4							
90	21.3	26.8	40.8	44.1	42.6	29.4	27.5	11.5	3.60	3.25	4.77	12.8							
95	9.98	2.76	2.11	4.65	1.83	5.13	15.3	6.20	3.52	3.61	3.60	5.83							
100	2.72	2.38	2.09	2.35	2.10	2.30	3.52	3.75	3.96	4.04	4.04	3.87							
105	3.76	3.01	2.93	2.26	3.02	3.75	5.37	4.68	4.36	4.47	4.45	4.35							
110	4.41	3.32	2.81	2.66	2.79	4.26	5.71	4.56	4.75	4.88	4.83	4.62							
115	3.96	3.54	3.20	3.08	3.16	3.83	4.80	4.85	5.11	5.24	5.19	4.96							
120	4.36	3.93	3.61	3.48	3.55	3.81	4.90	5.21	5.45	5.56	5.52	5.28							
125	4.76	4.36	4.05	3.94	3.98	4.21	5.28	5.55	5.77	5.86	5.82	5.59							
130	5.14	4.76	4.48	4.39	4.41	4.63	5.64	5.87	6.08	6.17	6.11	5.89							
135	5.50	5.13	4.88	4.80	4.80	5.02	5.98	6.17	6.36	6.45	6.36	6.16							
140	5.82	5.51	5.25	5.19	5.18	5.39	6.29	6.44	6.58	6.66	6.56	6.40							
145	6.12	5.85	5.57	5.54	5.51	5.72	6.55	6.68	6.74	6.81	6.74	6.58							
150	6.39	6.17	5.91	5.86	5.85	6.07	6.78	6.90	6.91	6.93	6.89	6.75							
155	6.64	6.45	6.27	6.22	6.19	6.38	6.99	7.08	7.08	7.10	7.04	6.91							
160	6.89	6.72	6.57	6.58	6.51	6.68	7.16	7.20	7.25	7.25	7.22	7.04							
165	7.10	7.00	6.89	6.91	6.81	6.96	7.30	7.33	7.38	7.46	7.34	7.17							
170	7.31	7.27	7.20	7.13	7.11	7.21	7.45	7.51	7.43	7.45	7.44	7.33							
175	7.60	7.55	7.48	7.35	7.38	7.52	7.60	7.67	7.59	7.44	7.58	7.45							
180	7.70	7.72	7.58	7.48	7.53	7.56	7.70	7.71	7.58	7.48	7.53	7.54							

**C Range: 0 - 360DEG**  
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**Test Speed: HIGH**  
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**Operators:DAMIN**  
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**γ Range: 0 - 180DEG**  
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**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity:65.0%**  
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**Remarks:**