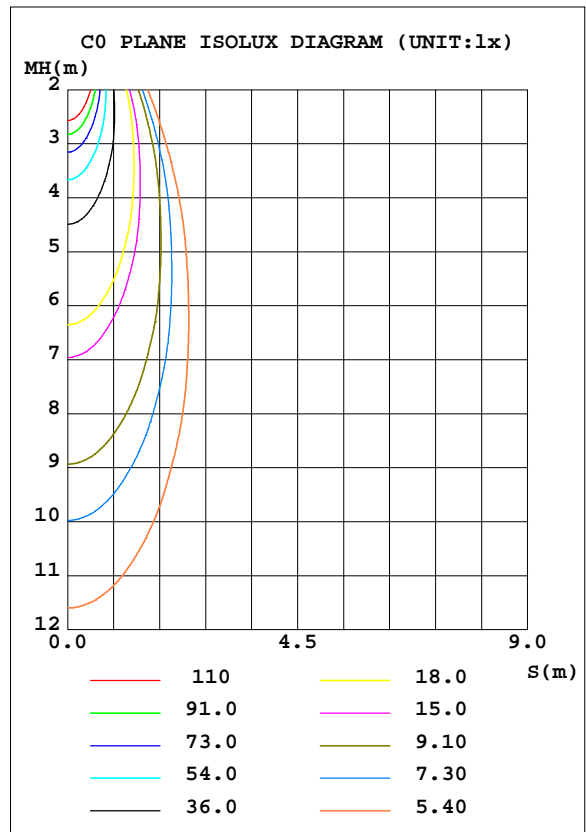
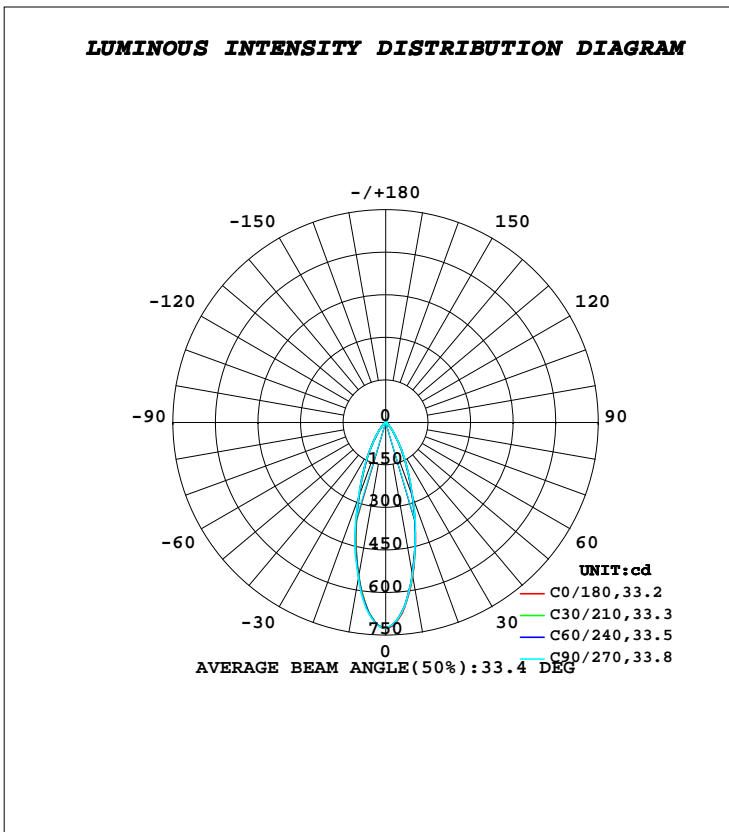


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:230.80V I:0.0390A P:4.0800W PF:0.4500 Freq:50.00Hz		
Lamp Flux:330.14x1 lm		
Name: NS94-65MM-4W	Type: LED	
MFR.: Lumega Group	DIM.: 65*65*60mm	
	SUR.: 45*45mm	

DATA OF LAMP		PHOTOMETRIC DATA Eff: 80.92 lm/W			
MODEL		I <sub>max</sub> (cd)	726.1	S/MH(C0/180)	0.54
NOMINAL POWER(W)	4	LOR(%)	100.0	S/MH(C90/270)	0.54
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	330.14	η UP, DN(C0-180)	1.4, 48.4
NOMINAL FLUX(lm)	330.14	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.6, 48.6
LAMPS INSIDE	1	η up(%)	3.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	221.6	η down(%)	97.0	CIBSE SHR MAX	0.60



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2022-05-30**

**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:**

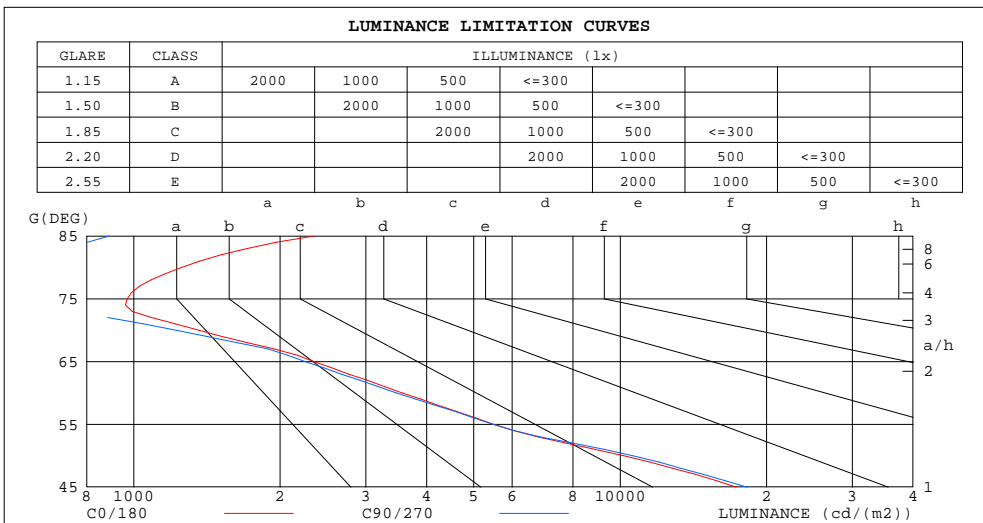
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	549.9	543.7	544.8	543.7	549.9	551.5	556.4	551.5	0- 10	60.17	60.17	18.2,18.2
20	275.3	275.3	278.1	275.3	275.3	277.7	281.7	277.7	10- 20	112.0	172.2	52.2,52.2
30	109.5	112.3	113.8	112.3	109.5	111.2	112.0	111.2	20- 30	83.49	255.7	77.4,77.4
40	35.13	36.65	37.14	36.65	35.13	35.46	35.36	35.46	30- 40	41.26	296.9	89.9,89.9
50	10.46	10.84	10.92	10.84	10.46	10.27	10.07	10.27	40- 50	16.05	313.0	94.8,94.8
60	2.853	2.818	2.777	2.818	2.853	2.840	2.810	2.840	50- 60	4.938	317.9	96.3,96.3
70	0.7457	0.7052	0.6696	0.7052	0.7457	0.7961	0.8060	0.7961	60- 70	1.615	319.5	96.8,96.8
80	0.3477	0.2421	0.1737	0.2421	0.3477	0.4608	0.5018	0.4608	70- 80	0.4713	320.0	96.9,96.9
90	0.3092	0.1817	0.1009	0.1817	0.3092	0.4594	0.5174	0.4594	80- 90	0.3615	320.4	97,97
100	0.4362	0.3061	0.2240	0.3061	0.4362	0.5951	0.6574	0.5951	90-100	0.4089	320.8	97.2,97.2
110	0.6813	0.5470	0.4618	0.5470	0.6813	0.8325	0.8901	0.8325	100-110	0.5863	321.4	97.3,97.3
120	1.073	0.9422	0.8596	0.9422	1.073	1.217	1.271	1.217	110-120	0.8586	322.2	97.6,97.6
130	1.646	1.526	1.450	1.526	1.646	1.760	1.801	1.760	120-130	1.199	323.4	98,98
140	2.449	2.352	2.288	2.352	2.449	2.501	2.511	2.501	130-140	1.551	325.0	98.4,98.4
150	3.380	3.289	3.225	3.289	3.380	3.365	3.340	3.365	140-150	1.795	326.8	99,99
160	4.176	4.088	4.024	4.088	4.176	4.095	4.035	4.095	150-160	1.718	328.5	99.5,99.5
170	4.564	4.457	4.389	4.457	4.564	4.429	4.347	4.429	160-170	1.217	329.7	99.9,99.9
180	4.712	4.596	4.522	4.596	4.712	4.593	4.518	4.593	170-180	0.4293	330.1	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:2022-05-30**

**$\gamma$  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:230.80V I:0.0390A P:4.0800W PF:0.4500 Freq:50.00Hz Lamp Flux:330.14x1 lm		
Name: NS94-65MM-4W	Type: LED	
MFR.: Lumega Group	DIM.: 65*65*60mm	
	SUR.: 45*45mm	



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	2337	888
80	1251	625
75	969	631
70	1363	1224
65	2346	2253
60	3567	3472
55	5502	5485
50	10171	10614
45	17331	18240

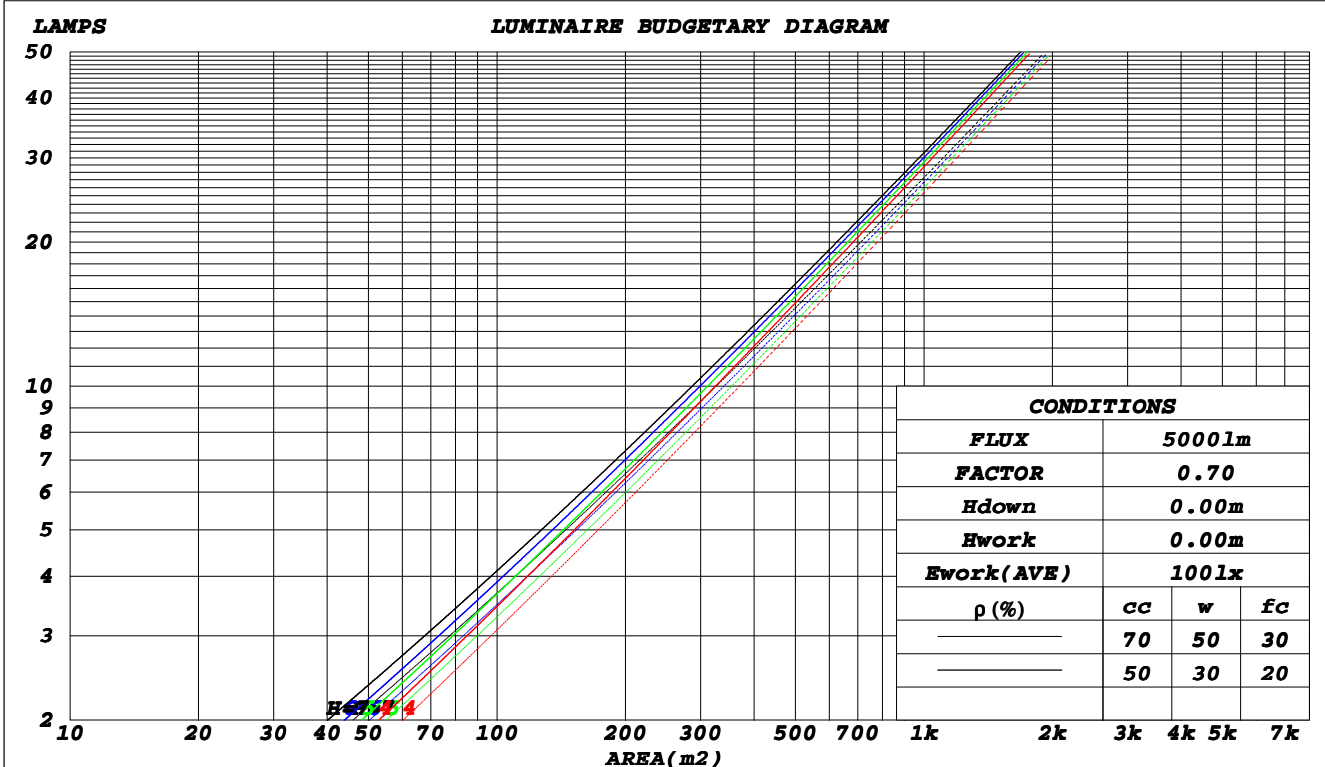
**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2022-05-30**

**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:230.80V I:0.0390A P:4.0800W PF:0.4500 Freq:50.00Hz		
Lamp Flux:330.14x1 lm		
Name: NS94-65MM-4W	Type: LED	
MFR.: Lumega Group	DIM.: 65*65*60mm	
	SUR.: 45*45mm	

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.11	1.08	1.06	1.08	1.06	1.04	1.04	1.02	1.00	.99	.98	.97	.95	.94	.94	.92
2.0	1.03	.90	.97	1.02	.98	.95	.98	.95	.93	.94	.92	.90	.91	.90	.88	.86
3.0	.97	.93	.89	.96	.91	.88	.93	.89	.86	.90	.87	.85	.87	.85	.83	.81
4.0	.92	.86	.83	.90	.86	.82	.88	.84	.81	.85	.82	.79	.83	.81	.78	.77
5.0	.87	.81	.77	.85	.80	.77	.83	.79	.76	.81	.78	.75	.80	.77	.74	.73
6.0	.82	.77	.73	.81	.76	.72	.79	.75	.72	.78	.74	.71	.76	.73	.70	.69
7.0	.78	.72	.69	.77	.72	.68	.76	.71	.68	.74	.70	.67	.73	.69	.67	.65
8.0	.74	.69	.65	.73	.68	.65	.72	.68	.64	.71	.67	.64	.70	.66	.64	.62
9.0	.71	.65	.62	.70	.65	.62	.69	.65	.61	.68	.64	.61	.67	.63	.61	.59
10.0	.68	.62	.59	.67	.62	.59	.66	.62	.59	.65	.61	.58	.64	.61	.58	.57



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2022-05-30

$\gamma$  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:

**WEC AND CCEC**

Test:U:230.80V I:0.0390A P:4.0800W PF:0.4500 Freq:50.00Hz		
Lamp Flux:330.14x1 lm		
Name: NS94-65MM-4W	Type: LED	
MFR.: Lumega Group	DIM.: 65*65*60mm	
	SUR.: 45*45mm	

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	.169	.096	.030	.161	.092	.029	.147	.084	.027	.134	.077	.025	.122	.071	.023	
2.0	.160	.088	.027	.153	.085	.026	.141	.079	.024	.130	.073	.023	.120	.068	.021	
3.0	.151	.080	.024	.146	.078	.023	.135	.073	.022	.126	.069	.021	.117	.065	.020	
4.0	.143	.074	.022	.138	.072	.021	.129	.069	.020	.121	.065	.020	.113	.062	.019	
5.0	.136	.069	.020	.132	.068	.020	.124	.064	.019	.116	.061	.018	.109	.059	.018	
6.0	.129	.065	.019	.125	.063	.018	.118	.061	.018	.112	.058	.017	.106	.056	.017	
7.0	.123	.061	.017	.120	.060	.017	.113	.057	.017	.108	.055	.016	.102	.053	.016	
8.0	.117	.057	.016	.114	.056	.016	.109	.054	.016	.104	.052	.015	.099	.051	.015	
9.0	.112	.054	.015	.110	.053	.015	.105	.052	.015	.100	.050	.014	.095	.048	.014	
10.0	.108	.052	.014	.105	.051	.014	.101	.049	.014	.096	.048	.014	.092	.046	.013	

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Ceiling Cavity Exitance Coefficients(CCEC)</b>									
0.0	.213	.213	.213	.182	.182	.182	.124	.124	.124	.071	.071	.071	.023	.023	.023	
1.0	.193	.180	.168	.165	.155	.145	.113	.106	.100	.065	.062	.058	.021	.020	.019	
2.0	.178	.155	.137	.152	.134	.118	.104	.093	.083	.060	.054	.048	.019	.017	.016	
3.0	.165	.136	.114	.141	.118	.099	.097	.082	.069	.056	.048	.041	.018	.016	.013	
4.0	.154	.122	.097	.132	.105	.084	.091	.073	.059	.052	.043	.035	.017	.014	.012	
5.0	.145	.110	.084	.124	.095	.073	.086	.066	.052	.050	.039	.031	.016	.013	.010	
6.0	.137	.101	.075	.118	.087	.065	.081	.061	.046	.047	.036	.027	.015	.012	.009	
7.0	.130	.093	.067	.112	.081	.058	.077	.056	.041	.045	.033	.025	.015	.011	.008	
8.0	.124	.087	.061	.107	.075	.053	.074	.053	.038	.043	.031	.022	.014	.010	.007	
9.0	.119	.081	.056	.102	.071	.049	.071	.050	.035	.041	.029	.021	.013	.010	.007	
10.0	.114	.077	.052	.098	.067	.045	.068	.047	.032	.040	.028	.019	.013	.009	.006	

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2022-05-30**

**$\gamma$  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:**

**UGR(Unified Glare Rating) Table**

Test:U:230.80V I:0.0390A P:4.0800W PF:0.4500 Freq:50.00Hz		
Lamp Flux:330.14x1 lm		
Name: NS94-65MM-4W	Type: LED	
MFR.: Lumega Group	DIM.: 65*65*60mm	
	SUR.: 45*45mm	

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>	16.3	17.2	16.6	17.4	17.6	16.5	17.3	16.7	17.5	17.7
3H	16.2	17.0	16.5	17.2	17.5	16.3	17.1	16.6	17.3	17.6
4H	16.1	16.8	16.4	17.1	17.4	16.2	17.0	16.5	17.2	17.5
6H	16.0	16.7	16.4	17.0	17.3	16.1	16.8	16.5	17.1	17.4
8H	16.0	16.7	16.3	17.0	17.3	16.1	16.8	16.4	17.1	17.4
12H	16.0	16.6	16.3	16.9	17.2	16.0	16.7	16.4	17.0	17.3
<b>4H 2H</b>	16.1	16.9	16.4	17.1	17.4	16.2	17.0	16.6	17.2	17.5
3H	16.0	16.6	16.4	16.9	17.3	16.1	16.7	16.5	17.1	17.4
4H	15.9	16.5	16.3	16.8	17.2	16.0	16.6	16.4	16.9	17.3
6H	15.8	16.3	16.2	16.7	17.1	15.9	16.4	16.3	16.8	17.2
8H	15.8	16.2	16.2	16.7	17.1	15.9	16.3	16.3	16.7	17.2
12H	15.8	16.2	16.2	16.6	17.1	15.8	16.2	16.3	16.7	17.1
<b>8H 4H</b>	15.7	16.2	16.2	16.6	17.0	15.9	16.3	16.3	16.7	17.2
6H	15.7	16.0	16.1	16.5	17.0	15.8	16.1	16.2	16.6	17.1
8H	15.6	16.0	16.1	16.4	16.9	15.7	16.0	16.2	16.5	17.0
12H	15.6	15.9	16.1	16.4	16.9	15.7	15.9	16.2	16.4	17.0
<b>12H 4H</b>	15.7	16.1	16.1	16.5	17.0	15.8	16.2	16.3	16.7	17.1
6H	15.6	15.9	16.1	16.4	16.9	15.7	16.0	16.2	16.5	17.0
8H	15.6	15.9	16.1	16.4	16.9	15.6	15.9	16.2	16.4	17.0
<b>Variations with the observer position at spacings(CIE Pub.117):</b>										
<b>S = 1.0H</b>	+ 2.5 / - 6.4					+ 2.7 / - 7.0				
1.5H	+ 3.9 / - 5.2					+ 4.1 / - 5.5				
2.0H	+ 4.8 / - 4.9					+ 5.1 / - 5.5				

CIE Pub.117, 330.1 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -3.9)  
 Area: 0.0016 m2

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2022-05-30**

**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:230.80V I:0.0390A P:4.0800W PF:0.4500 Freq:50.00Hz Lamp Flux:330.14x1 lm		
Name: NS94-65MM-4W	Type: LED	
MFR.: Lumega Group	DIM.: 65*65*60mm	
	SUR.: 45*45mm	

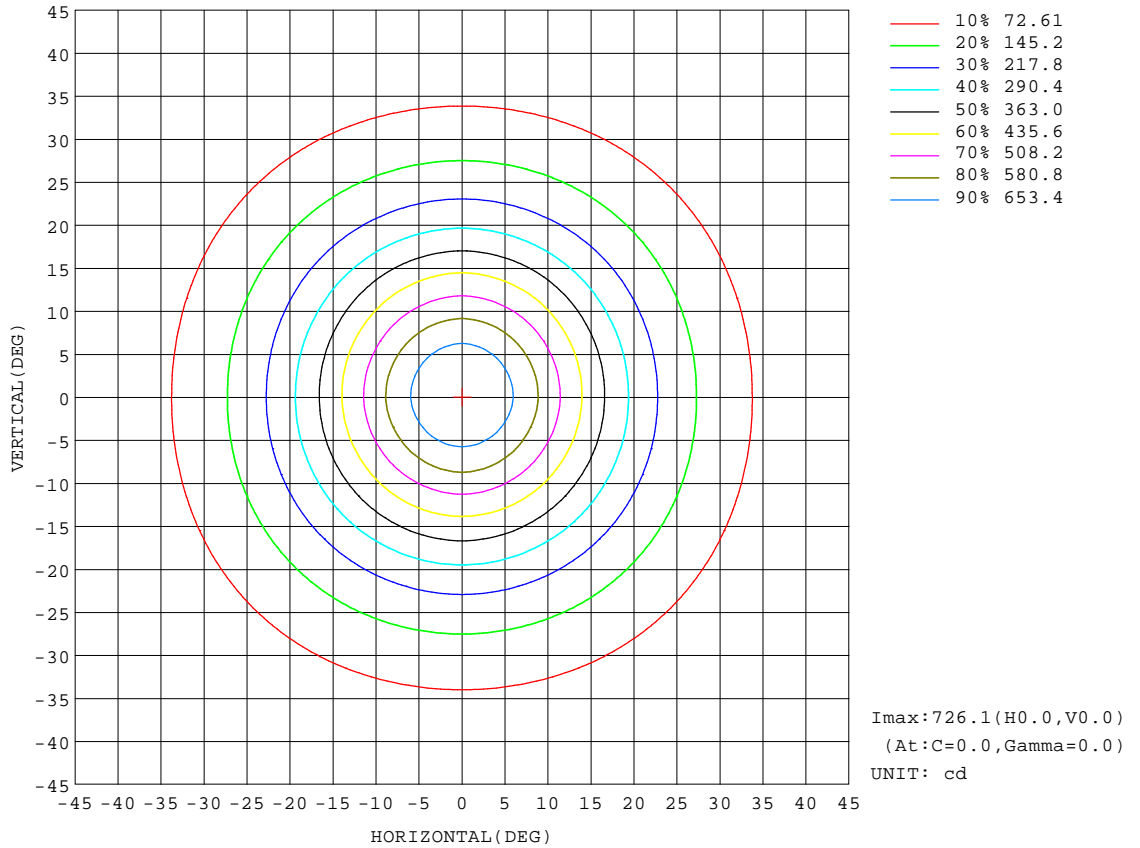
REFLECTANCE										
<b>Ceiling</b>	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
<b>Walls</b>	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
<b>Working plane</b>	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
<b>ROOM INDEX</b>	<b>UTILIZATION FACTORS(PERCENT) <math>k(RI) \times RCR = 5</math></b>									
<b>k = 0.60</b>	85	79	75	85	78	75	84	78	74	71
<b>0.80</b>	93	87	83	92	86	83	91	86	82	78
<b>1.00</b>	97	92	88	96	91	88	95	91	87	82
<b>1.25</b>	102	96	93	100	95	92	98	94	91	86
<b>1.50</b>	104	99	96	103	99	95	100	97	94	89
<b>2.00</b>	107	103	100	106	102	99	102	99	97	91
<b>2.50</b>	109	105	102	107	104	101	104	101	99	92
<b>3.00</b>	111	107	104	109	105	103	105	102	100	93
<b>4.00</b>	113	110	107	110	108	106	106	104	103	95
<b>5.00</b>	114	112	110	112	110	108	107	106	104	96
<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:2022-05-30**

**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:230.80V I:0.0390A P:4.0800W PF:0.4500 Freq:50.00Hz		
Lamp Flux:330.14x1 lm		
Name: NS94-65MM-4W	Type: LED	
MFR.: Lumega Group	DIM.: 65*65*60mm	
	SUR.: 45*45mm	



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2022-05-30**

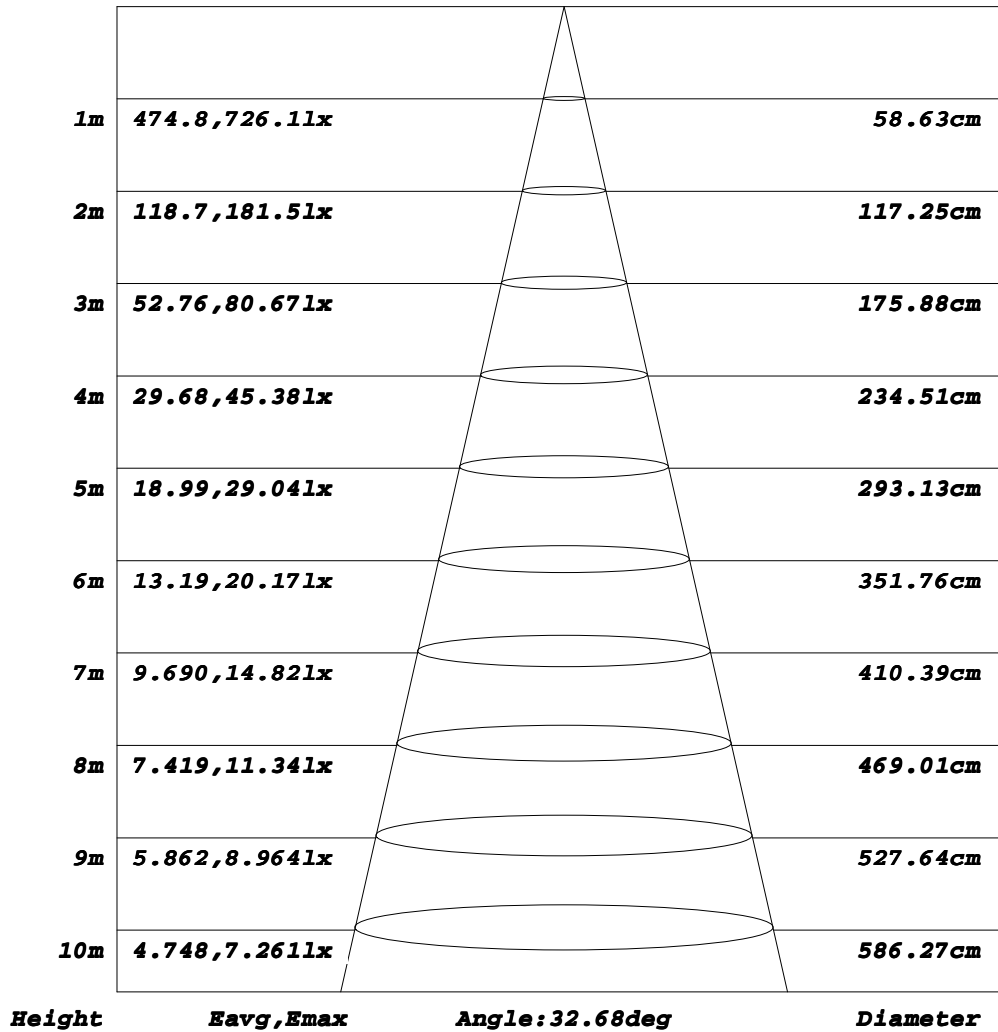
**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity: 65.0%**  
**Test Distance: 8.000m [K=0.7063]**  
**Remarks:**



**AAI Figure**

Test:U:230.80V I:0.0390A P:4.0800W PF:0.4500 Freq:50.00Hz Lamp Flux:330.14x1 lm		
Name: NS94-65MM-4W	Type: LED	
MFR.: Lumega Group	DIM.: 65*65*60mm	
	SUR.: 45*45mm	

**Flux out:139.4 lm**



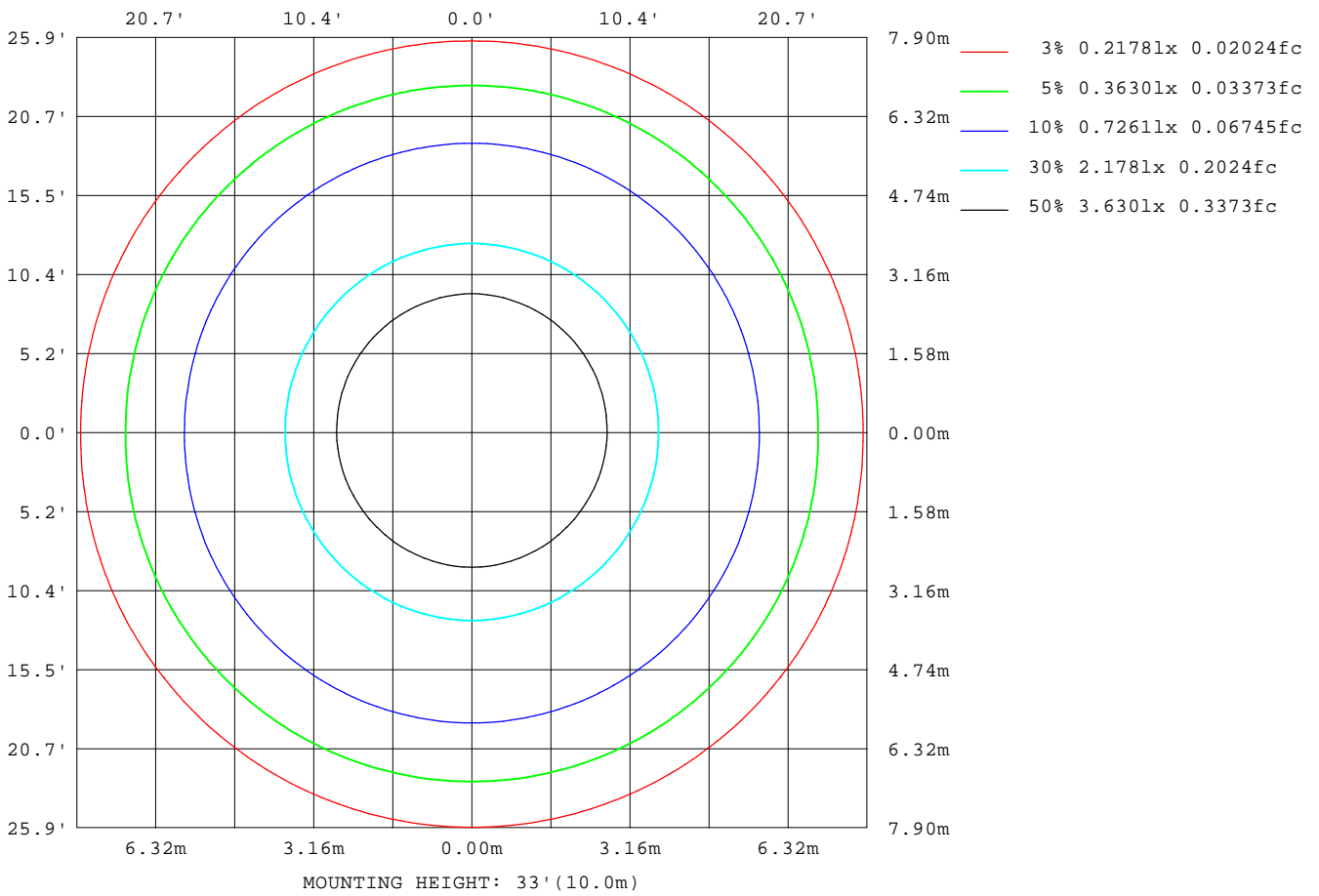
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2022-05-30**

**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:**

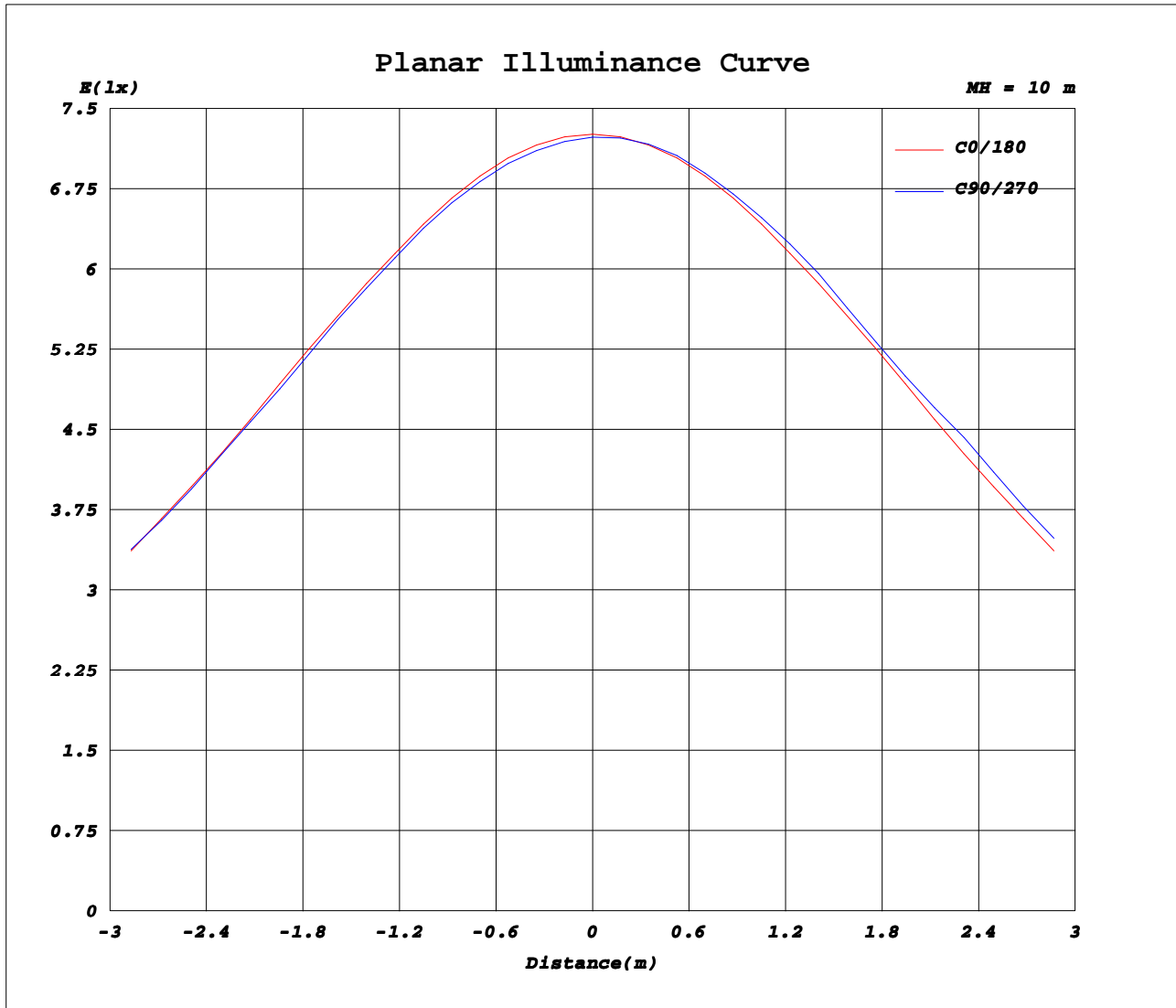
**ISOLUX DIAGRAM**

Test:U:230.80V I:0.0390A P:4.0800W PF:0.4500 Freq:50.00Hz		
Lamp Flux:330.14x1 lm		
Name: NS94-65MM-4W	Type: LED	
MFR.: Lumega Group	DIM.: 65*65*60mm	
	SUR.: 45*45mm	



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2022-05-30**

**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: 2022-05-30**

**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:230.80V I:0.0390A P:4.0800W PF:0.4500 Freq:50.00Hz Lamp Flux:330.14x1 lm		
Name: NS94-65MM-4W	Type: LED	
MFR.: Lumega Group	DIM.: 65*65*60mm	
	SUR.: 45*45mm	

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	726	725	724	723	724	725	726	725	724	723	724	725							
5	674	670	669	670	669	670	674	674	676	678	676	674							
10	550	544	543	545	543	544	550	550	553	556	553	550							
15	407	403	403	405	403	403	407	410	415	420	415	410							
20	275	275	276	278	276	275	275	276	279	282	279	276							
25	179	180	181	182	181	180	179	180	182	183	182	180							
30	109	112	113	114	113	112	109	111	112	112	112	111							
35	62.9	64.2	64.9	64.9	64.9	64.2	62.9	63.4	63.4	63.2	63.4	63.4							
40	35.1	36.3	37.0	37.1	37.0	36.3	35.1	35.4	35.5	35.4	35.5	35.4							
45	19.6	20.3	20.6	20.6	20.6	20.3	19.6	19.7	19.6	19.4	19.6	19.7							
50	10.5	10.8	10.9	10.9	10.9	10.8	10.5	10.4	10.2	10.1	10.2	10.4							
55	5.05	5.07	5.06	5.03	5.06	5.07	5.05	5.01	4.96	4.92	4.96	5.01							
60	2.85	2.83	2.80	2.78	2.80	2.83	2.85	2.85	2.83	2.81	2.83	2.85							
65	1.59	1.57	1.54	1.52	1.54	1.57	1.59	1.60	1.60	1.59	1.60	1.60							
70	0.75	0.72	0.69	0.67	0.69	0.72	0.75	0.79	0.81	0.81	0.81	0.79							
75	0.40	0.34	0.29	0.26	0.29	0.34	0.40	0.47	0.51	0.52	0.51	0.47							
80	0.35	0.27	0.21	0.17	0.21	0.27	0.35	0.44	0.49	0.50	0.49	0.44							
85	0.33	0.24	0.17	0.12	0.17	0.24	0.33	0.43	0.49	0.51	0.49	0.43							
90	0.31	0.22	0.14	0.10	0.14	0.22	0.31	0.42	0.49	0.52	0.49	0.42							
95	0.36	0.27	0.19	0.15	0.19	0.27	0.36	0.48	0.55	0.58	0.55	0.48							
100	0.44	0.34	0.27	0.22	0.27	0.34	0.44	0.56	0.63	0.66	0.63	0.56							
105	0.54	0.45	0.37	0.33	0.37	0.45	0.54	0.66	0.73	0.76	0.73	0.66							
110	0.68	0.59	0.51	0.46	0.51	0.59	0.68	0.80	0.87	0.89	0.87	0.80							
115	0.86	0.76	0.68	0.64	0.68	0.76	0.86	0.97	1.04	1.06	1.04	0.97							
120	1.07	0.98	0.90	0.86	0.90	0.98	1.07	1.18	1.25	1.27	1.25	1.18							
125	1.33	1.24	1.17	1.13	1.17	1.24	1.33	1.43	1.50	1.52	1.50	1.43							
130	1.65	1.56	1.49	1.45	1.49	1.56	1.65	1.73	1.79	1.80	1.79	1.73							
135	2.01	1.94	1.88	1.84	1.88	1.94	2.01	2.08	2.12	2.13	2.12	2.08							
140	2.45	2.38	2.32	2.29	2.32	2.38	2.45	2.49	2.51	2.51	2.51	2.49							
145	2.92	2.85	2.79	2.75	2.79	2.85	2.92	2.93	2.93	2.92	2.93	2.93							
150	3.38	3.32	3.26	3.23	3.26	3.32	3.38	3.37	3.36	3.34	3.36	3.37							
155	3.81	3.75	3.70	3.67	3.70	3.75	3.81	3.78	3.75	3.73	3.75	3.78							
160	4.18	4.12	4.06	4.02	4.06	4.12	4.18	4.12	4.07	4.04	4.07	4.12							
165	4.44	4.37	4.31	4.27	4.31	4.37	4.44	4.36	4.29	4.25	4.29	4.36							
170	4.56	4.49	4.43	4.39	4.43	4.49	4.56	4.47	4.39	4.35	4.39	4.47							
175	4.63	4.56	4.50	4.47	4.50	4.56	4.63	4.52	4.44	4.40	4.44	4.52							
180	4.71	4.63	4.56	4.52	4.56	4.63	4.71	4.63	4.56	4.52	4.56	4.63							

**C Range: 0 - 360DEG**  
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