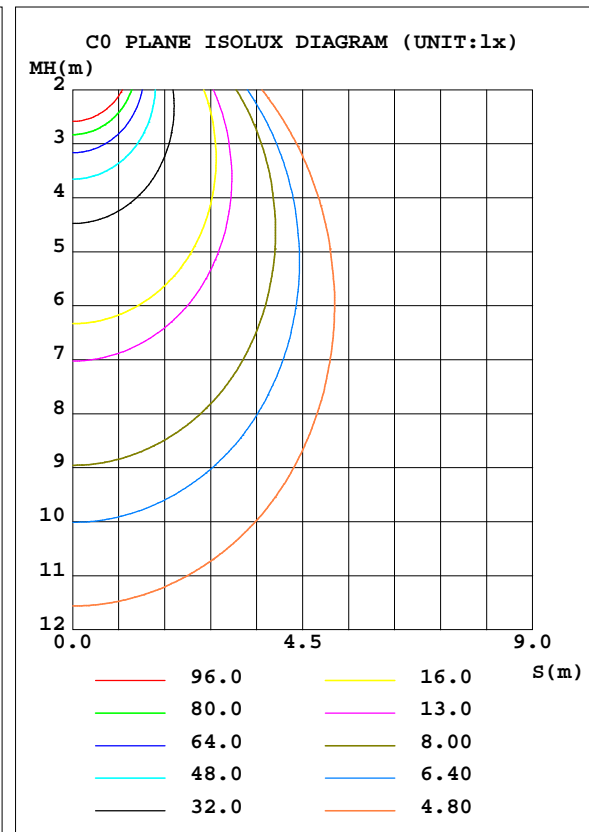
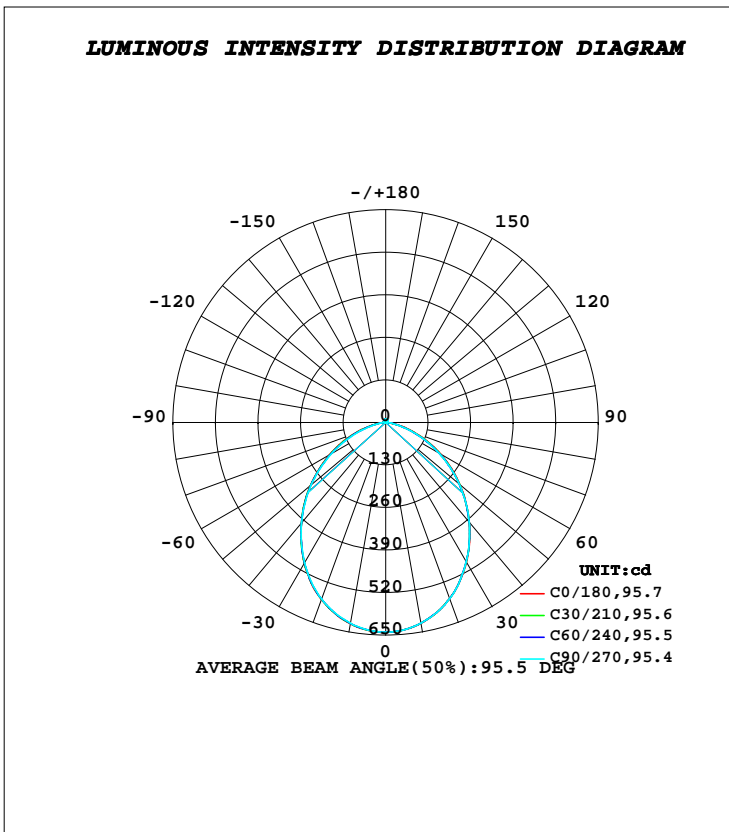


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:220.50V I:0.0750A P:14.600W PF:0.8860 Freq:50.00Hz		
Lamp Flux:1496.94x1 lm		
Name: NS11-φ193MM-15W	Type: LED	
MFR.: Lumega Group	DIM.: D193*H80mm	
	SUR.: D145mm	

DATA OF LAMP		PHOTOMETRIC DATA Eff: 102.53 lm/W			
MODEL		I <sub>max</sub> (cd)	641.4	S/MH(C0/180)	1.16
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	1.15
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1496.9	η UP, DN(C0-180)	1.2, 48.5
NOMINAL FLUX(lm)	1496.94	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.3, 48.9
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:**

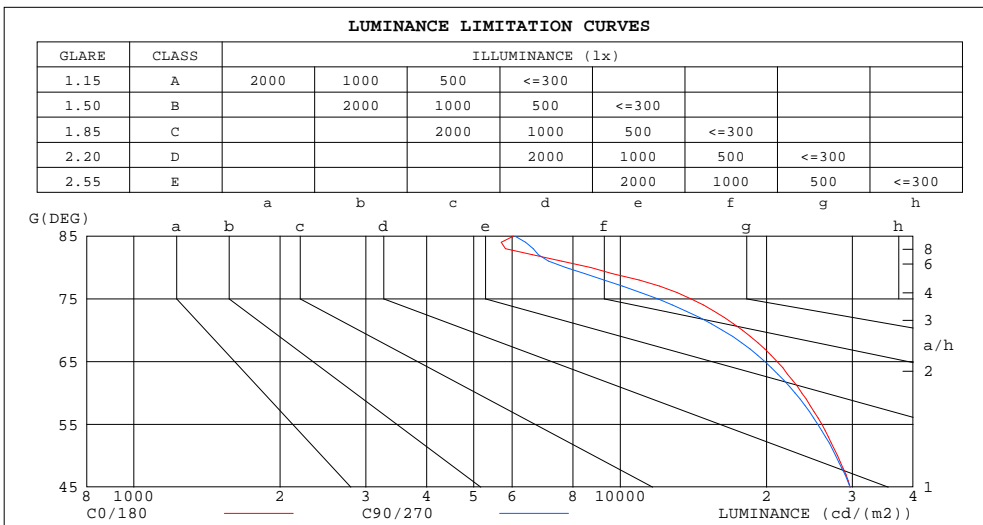
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	622.9	622.5	622.6	623.7	624.6	623.7	622.6	622.5	0- 10	60.35	60.35	4.03,4.03
20	572.9	572.6	572.9	574.2	575.3	574.7	573.7	573.2	10- 20	169.6	229.9	15.4,15.4
30	493.8	492.6	492.6	495.0	497.4	496.9	495.7	494.8	20- 30	247.1	477.1	31.9,31.9
40	398.2	397.3	397.4	399.1	400.8	400.9	400.3	399.4	30- 40	280.0	757.1	50.6,50.6
50	297.0	294.5	294.1	297.4	300.7	299.5	297.4	296.9	40- 50	268.8	1026	68.5,68.5
60	195.1	190.2	188.9	194.0	199.0	195.6	191.4	192.0	50- 60	218.8	1245	83.2,83.2
70	100.7	93.62	91.55	98.37	104.9	99.30	93.08	94.73	60- 70	142.3	1387	92.7,92.7
80	24.94	22.36	22.15	26.28	30.05	27.41	23.99	23.69	70- 80	60.71	1448	96.7,96.7
90	2.213	1.937	2.104	3.082	3.986	3.762	3.218	2.742	80- 90	11.67	1459	97.5,97.5
100	2.996	2.799	2.874	3.415	3.974	4.107	4.005	3.616	90-100	3.325	1463	97.7,97.7
110	4.136	3.962	4.037	4.547	5.065	5.161	5.042	4.687	100-110	4.240	1467	98,98
120	5.412	5.216	5.278	5.788	6.303	6.353	6.202	5.884	110-120	5.149	1472	98.3,98.3
130	6.638	6.494	6.571	7.038	7.496	7.511	7.344	7.053	120-130	5.749	1478	98.7,98.7
140	7.666	7.574	7.664	8.084	8.485	8.483	8.318	8.046	130-140	5.830	1484	99.1,99.1
150	8.504	8.495	8.596	8.904	9.183	9.152	9.000	8.787	140-150	5.302	1489	99.5,99.5
160	9.252	9.363	9.472	9.590	9.687	9.735	9.709	9.534	150-160	4.251	1493	99.8,99.8
170	9.894	9.979	10.05	10.09	10.11	10.09	10.05	9.984	160-170	2.769	1496	99.9,99.9
180	10.36	10.32	10.30	10.34	10.37	10.33	10.28	10.31	170-180	0.9706	1497	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:0.0750A P:14.600W PF:0.8860 Freq:50.00Hz		
Lamp Flux:1496.94x1 lm		
Name: NS11-φ193MM-15W	Type: LED	
MFR.: Lumega Group	DIM.: D193*H80mm	
	SUR.: D145mm	



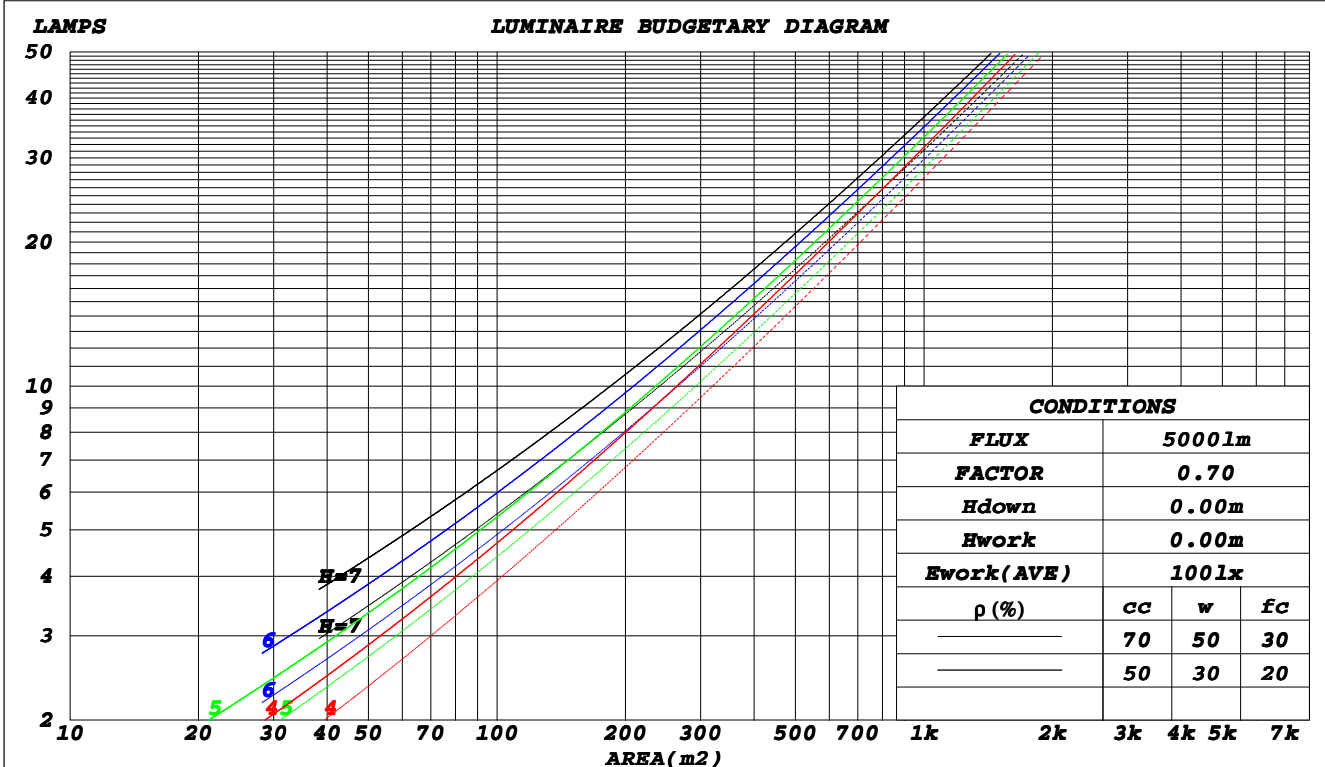
**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2022-04-24**

**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:**

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Test:U:220.50V I:0.0750A P:14.600W PF:0.8860 Freq:50.00Hz		
Lamp Flux:1496.94x1 lm		
Name: NS11-φ193MM-15W	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:0.0750A P:14.600W PF:0.8860 Freq:50.00Hz		
Lamp Flux:1496.94x1 lm		
Name: NS11-φ193MM-15W	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	.188	.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	.151	.121	.161	.130	.105	.110	.090	.073	.064	.052	.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	.147	.104	.070	.101	.072	.049	.059	.042	.029	.019	.014	.010	
5.0	.165	.110	.069	.141	.095	.060	.097	.066	.042	.056	.039	.025	.018	.013	.008	
6.0	.158	.101	.061	.135	.088	.053	.093	.061	.037	.054	.036	.022	.017	.012	.007	
7.0	.151	.094	.054	.130	.082	.047	.090	.057	.034	.052	.034	.020	.017	.011	.007	
8.0	.145	.088	.050	.125	.077	.043	.086	.054	.031	.050	.032	.018	.016	.010	.006	
9.0	.139	.084	.046	.120	.073	.040	.083	.051	.028	.048	.030	.017	.016	.010	.006	
10.0	.134	.079	.043	.115	.069	.038	.080	.048	.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:0.0750A P:14.600W PF:0.8860 Freq:50.00Hz		
Lamp Flux:1496.94x1 lm		
Name: NS11-φ193MM-15W	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>	23.7	25.1	24.0	25.4	25.6	23.7	25.0	24.0	25.3	25.5
3H	24.7	26.0	25.1	26.3	26.6	24.6	25.8	24.9	26.1	26.4
4H	25.0	26.2	25.4	26.5	26.8	24.8	26.0	25.1	26.3	26.6
6H	25.1	26.3	25.5	26.6	26.9	24.8	26.0	25.2	26.3	26.6
8H	25.1	26.2	25.5	26.5	26.9	24.8	25.9	25.2	26.2	26.6
12H	25.1	26.1	25.5	26.5	26.8	24.8	25.9	25.2	26.2	26.5
<b>4H 2H</b>	24.1	25.4	24.5	25.6	25.9	24.1	25.3	24.4	25.6	25.9
3H	25.3	26.3	25.7	26.7	27.0	25.1	26.2	25.5	26.5	26.9
4H	25.6	26.6	26.1	27.0	27.3	25.4	26.4	25.8	26.7	27.1
6H	25.8	26.6	26.2	27.0	27.4	25.5	26.4	26.0	26.8	27.2
8H	25.8	26.6	26.2	27.0	27.4	25.5	26.3	26.0	26.7	27.2
12H	25.8	26.5	26.2	26.9	27.4	25.5	26.2	26.0	26.7	27.1
<b>8H 4H</b>	25.7	26.5	26.1	26.9	27.3	25.5	26.3	25.9	26.7	27.1
6H	25.9	26.5	26.4	27.0	27.5	25.6	26.3	26.1	26.7	27.2
8H	25.9	26.5	26.4	27.0	27.5	25.7	26.2	26.2	26.7	27.2
12H	25.9	26.4	26.5	26.9	27.4	25.7	26.2	26.2	26.7	27.2
<b>12H 4H</b>	25.7	26.4	26.1	26.8	27.3	25.4	26.2	25.9	26.6	27.0
6H	25.9	26.4	26.4	26.9	27.4	25.6	26.2	26.1	26.7	27.2
8H	25.9	26.4	26.4	26.9	27.4	25.7	26.2	26.2	26.6	27.2
<b>Variations with the observer position at spacings(CIE Pub.117):</b>										
<b>S = 1.0H</b>	+ 0.3 / - 0.4					+ 0.3 / - 0.4				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.5 / - 0.5					+ 0.6 / - 0.5				

CIE Pub.117, 1497 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 1.4)  
 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:0.0750A P:14.600W PF:0.8860 Freq:50.00Hz Lamp Flux:1496.94x1 lm		
Name: NS11-φ193MM-15W	Type: LED	
MFR.: Lumega Group	DIM.: D193*H80mm	
	SUR.: D145mm	

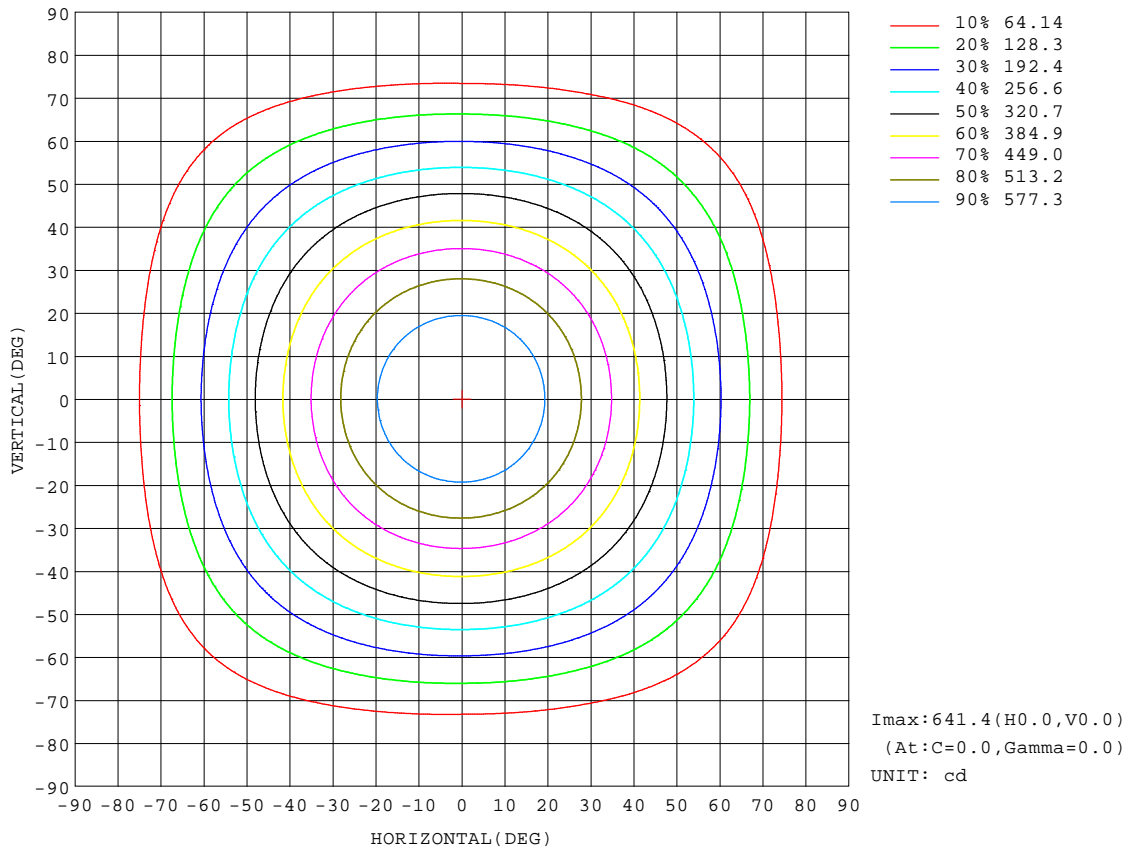
REFLECTANCE										
<b>Ceiling</b>	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
<b>Walls</b>	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
<b>Working plane</b>	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
<b>ROOM INDEX</b>	<b>UTILIZATION FACTORS(PERCENT) <math>k(RI) \times RCR = 5</math></b>									
<b>k = 0.60</b>	61	50	43	60	50	43	59	49	43	37
<b>0.80</b>	71	60	53	70	60	53	68	59	53	46
<b>1.00</b>	79	69	62	78	68	62	76	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:0.0750A P:14.600W PF:0.8860 Freq:50.00Hz		
Lamp Flux:1496.94x1 lm		
Name: NS11-φ193MM-15W	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**

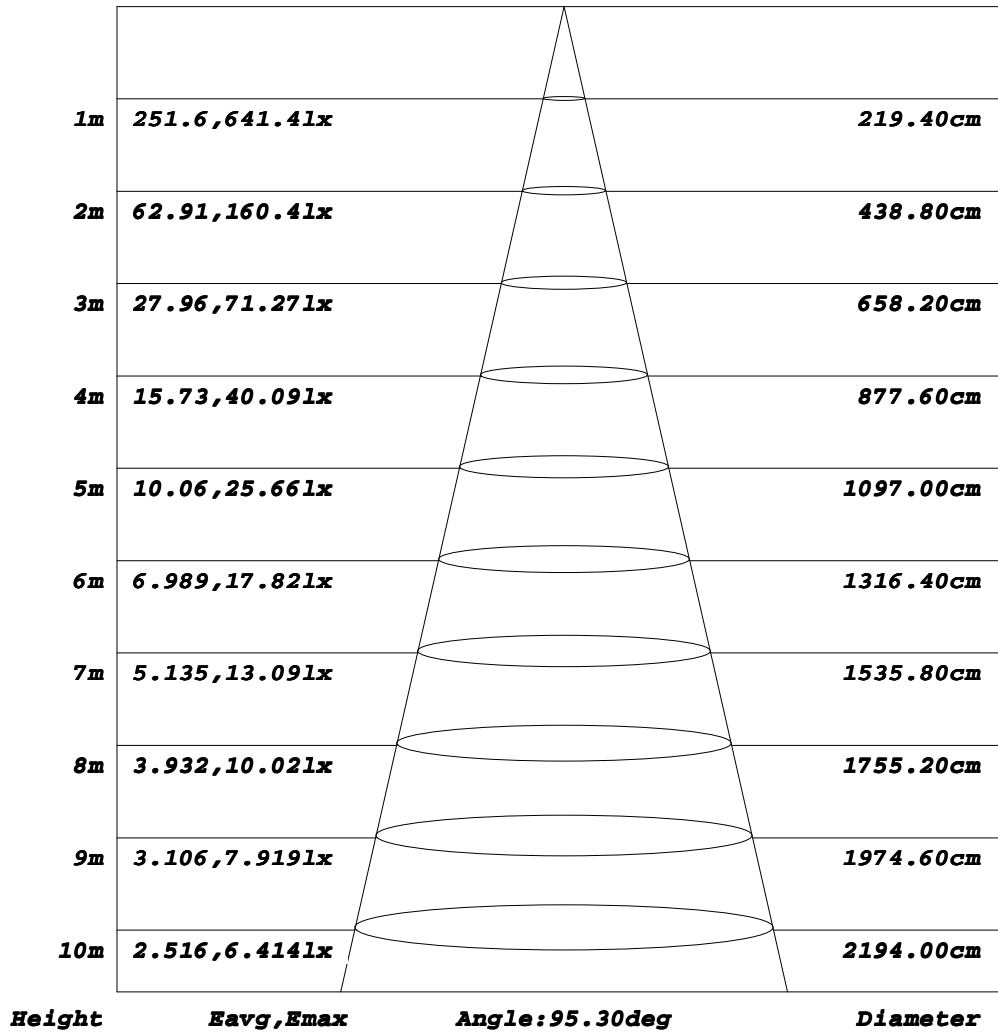
**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity: 65.0%**  
**Test Distance: 8.000m [K=0.7063]**  
**Remarks:**



**AAI Figure**

Test:U:220.50V I:0.0750A P:14.600W PF:0.8860 Freq:50.00Hz		
Lamp Flux:1496.94x1 lm		
Name: NS11-φ193MM-15W	Type: LED	
MFR.: Lumega Group	DIM.: D193*H80mm	
	SUR.: D145mm	

**Flux out:975.0 lm**



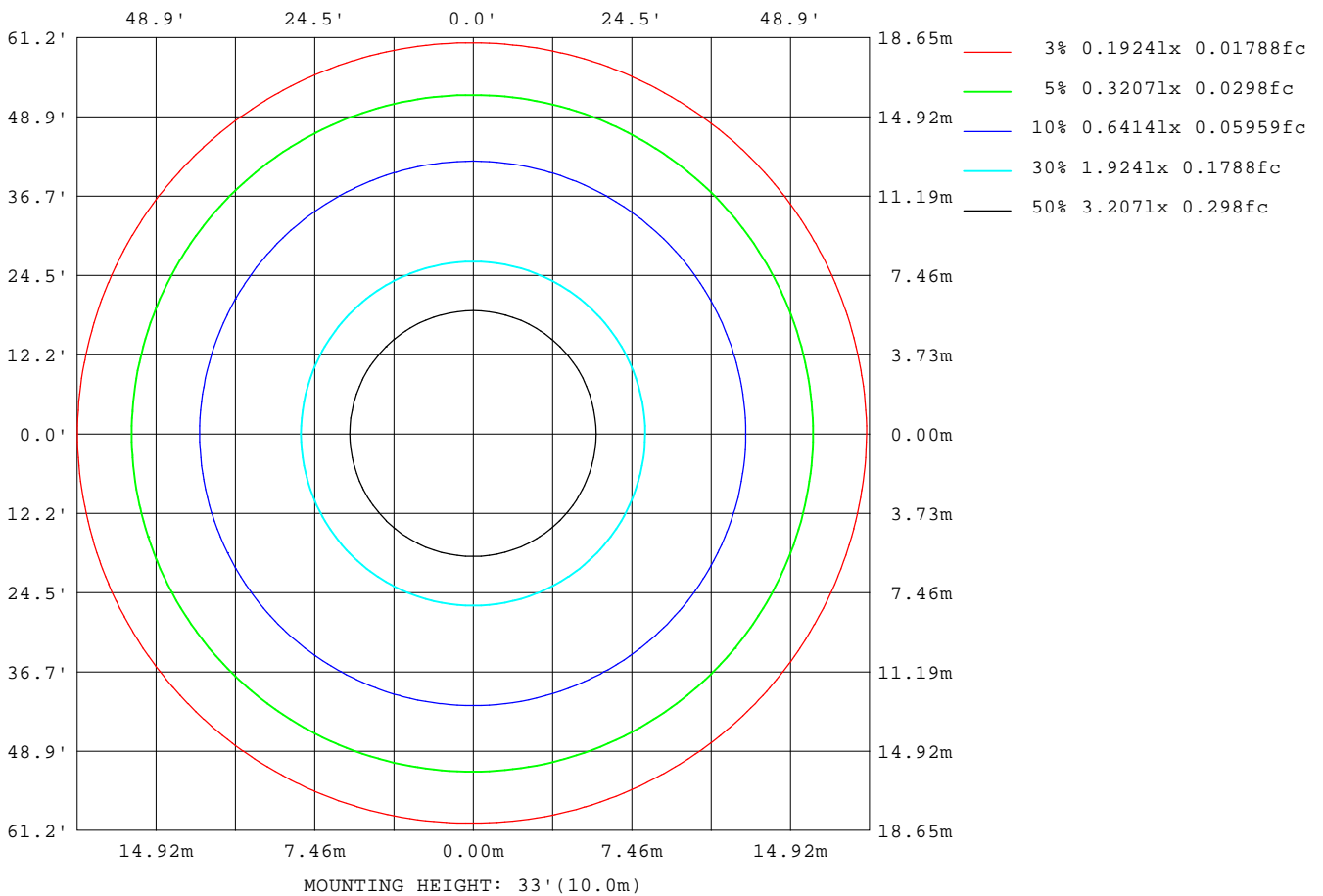
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

**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**

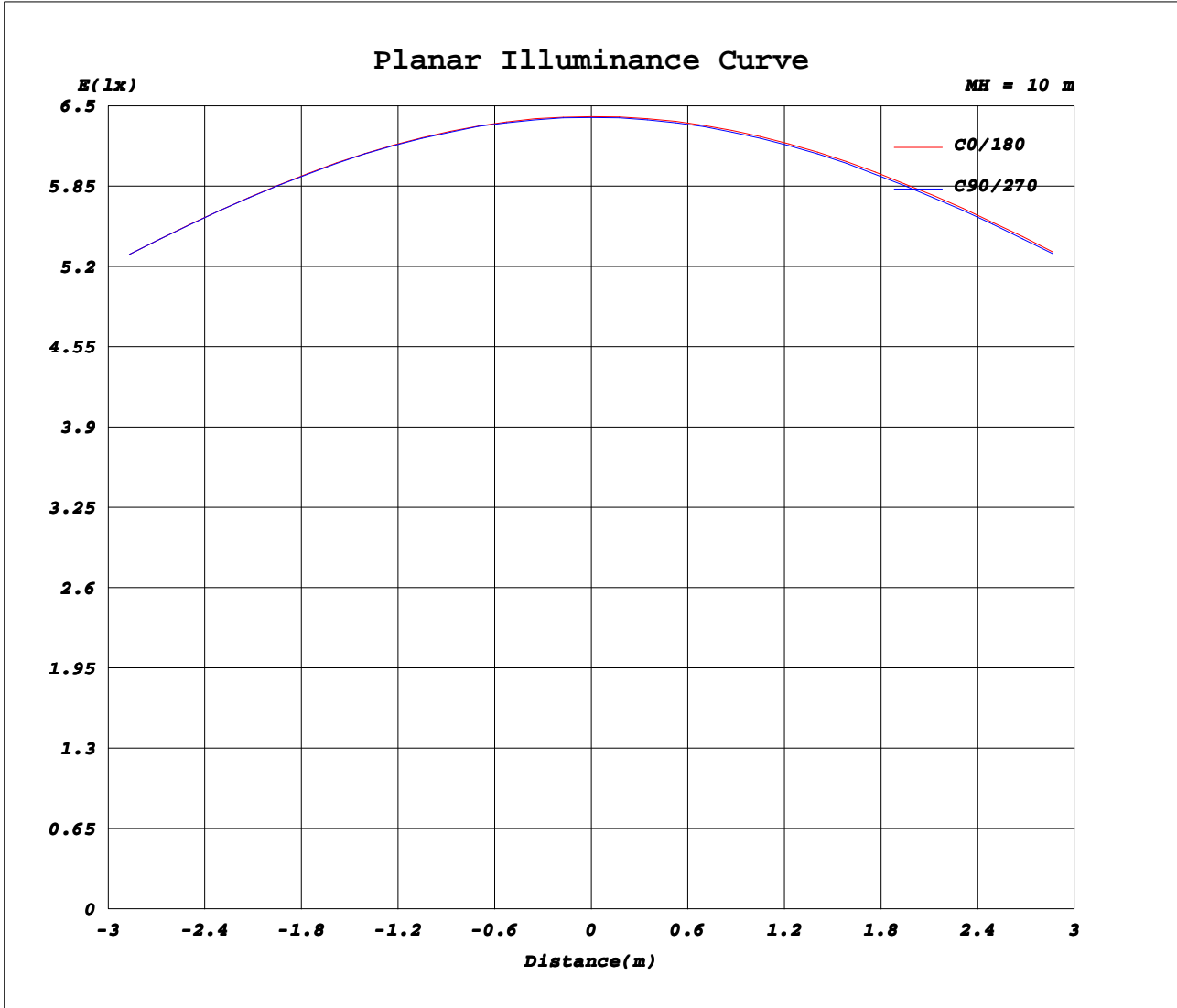
Test:U:220.50V I:0.0750A P:14.600W PF:0.8860 Freq:50.00Hz		
Lamp Flux:1496.94x1 lm		
Name: NS11-φ193MM-15W	Type: LED	
MFR.: Lumega Group	DIM.: D193*H80mm	
	SUR.: D145mm	



**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:0.0750A P:14.600W PF:0.8860 Freq:50.00Hz Lamp Flux:1496.94x1 lm		
Name: NS11-φ193MM-15W	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	641	641	641	641	641	641	641	641	641	641	641	641							
5	637	636	636	636	637	637	637	637	637	636	636	636							
10	623	623	622	623	623	624	625	624	623	623	622	623							
15	602	601	601	602	602	603	604	603	603	602	602	602							
20	573	573	573	573	574	575	575	575	574	574	573	573							
25	536	535	535	536	538	540	541	540	539	538	537	537							
30	494	493	492	493	494	496	497	497	497	496	495	494							
35	447	446	446	446	447	449	450	450	450	449	449	448							
40	398	397	397	397	398	400	401	401	401	400	400	399							
45	347	346	346	347	349	351	352	352	351	349	348	348							
50	297	295	294	294	296	299	301	300	299	297	297	297							
55	246	243	241	241	244	247	249	248	246	245	244	245							
60	195	191	189	189	192	196	199	197	194	191	191	193							
65	147	142	139	138	142	147	151	148	144	141	141	143							
70	101	95.1	92.1	91.5	95.8	101	105	102	97.1	93.1	93.5	96.0							
75	59.7	54.4	51.6	51.1	55.4	60.3	64.2	60.8	56.3	52.3	52.6	55.1							
80	24.9	22.8	21.9	22.1	24.8	27.8	30.1	28.5	26.3	24.0	23.5	23.8							
85	8.68	8.49	8.52	8.74	9.42	10.1	10.7	10.5	10.1	9.65	9.32	8.99							
90	2.21	1.96	1.92	2.10	2.74	3.42	3.99	3.91	3.62	3.22	2.91	2.57							
95	2.51	2.34	2.31	2.42	2.77	3.18	3.54	3.66	3.65	3.53	3.31	2.96							
100	3.00	2.82	2.78	2.87	3.22	3.61	3.97	4.10	4.11	4.01	3.78	3.45							
105	3.54	3.37	3.33	3.42	3.76	4.14	4.49	4.61	4.62	4.51	4.30	3.97							
110	4.14	3.98	3.95	4.04	4.36	4.73	5.06	5.17	5.16	5.04	4.84	4.54							
115	4.78	4.61	4.57	4.66	4.99	5.36	5.69	5.77	5.74	5.62	5.42	5.14							
120	5.41	5.24	5.19	5.28	5.60	5.97	6.30	6.37	6.33	6.20	6.02	5.75							
125	6.03	5.88	5.85	5.94	6.26	6.61	6.92	6.97	6.92	6.78	6.60	6.35							
130	6.64	6.51	6.48	6.57	6.87	7.21	7.50	7.54	7.48	7.34	7.17	6.94							
135	7.17	7.05	7.04	7.13	7.42	7.75	8.02	8.05	7.98	7.83	7.66	7.44							
140	7.67	7.57	7.57	7.66	7.94	8.23	8.49	8.51	8.45	8.32	8.15	7.94							
145	8.10	8.04	8.06	8.15	8.39	8.65	8.86	8.89	8.84	8.71	8.56	8.35							
150	8.50	8.48	8.51	8.60	8.80	9.01	9.18	9.18	9.12	9.00	8.87	8.70							
155	8.89	8.93	8.99	9.07	9.22	9.36	9.47	9.49	9.46	9.38	9.26	9.10							
160	9.25	9.33	9.40	9.47	9.55	9.63	9.69	9.73	9.74	9.71	9.61	9.46							
165	9.60	9.66	9.72	9.77	9.83	9.87	9.90	9.92	9.91	9.88	9.81	9.72							
170	9.89	9.95	10.0	10.0	10.1	10.1	10.1	10.1	10.1	10.1	10.0	9.96							
175	10.2	10.2	10.2	10.2	10.3	10.3	10.3	10.3	10.2	10.2	10.2	10.2							
180	10.4	10.3	10.3	10.3	10.3	10.4	10.4	10.3	10.3	10.3	10.3	10.3							

**C Range: 0 - 360DEG**  
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