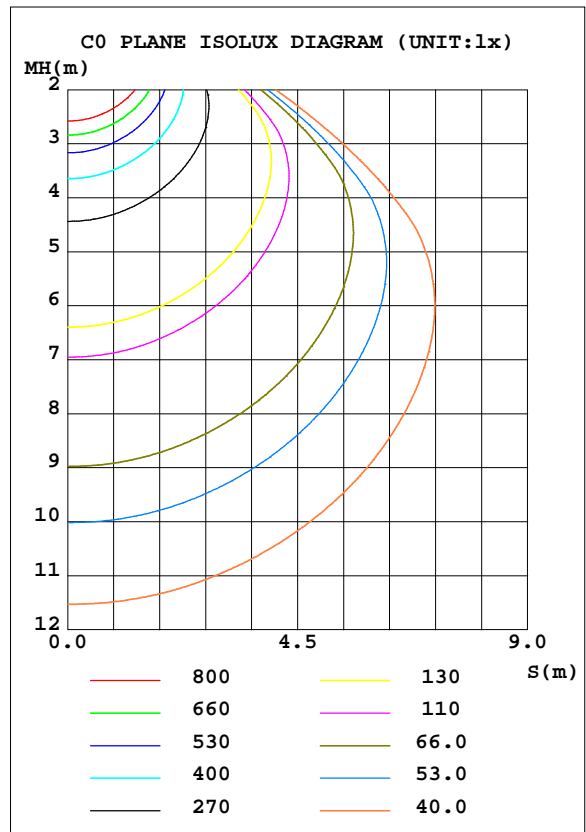
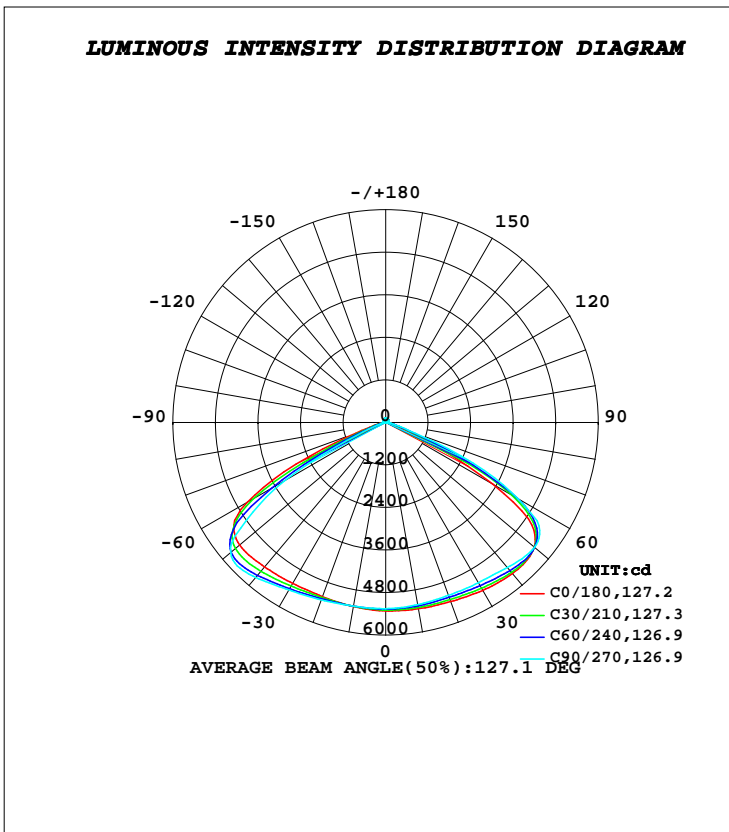


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:220.30V I:0.6930A P:148.60W PF:0.9860 Freq:50.00Hz		
Lamp Flux:19540.7x1 lm		
Name: NS90-150W	Type: LED	
MFR.: Lumega Group	DIM.: 365*290*65mm	
	SUR.: 180*240mm	

DATA OF LAMP		PHOTOMETRIC DATA Eff: 131.50 lm/W			
MODEL		I <sub>max</sub> (cd)	5821	S/MH(C0/180)	1.60
NOMINAL POWER(W)	150	LOR(%)	100.0	S/MH(C90/270)	1.55
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	19541	η UP, DN(C0-180)	1.2,49.2
NOMINAL FLUX(lm)	19540.7	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.3,48.4
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	1.75
TEST VOLTAGE(V)	220	η down(%)	97.6	CIBSE SHR MAX	1.75



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2022-04-25**

**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:**

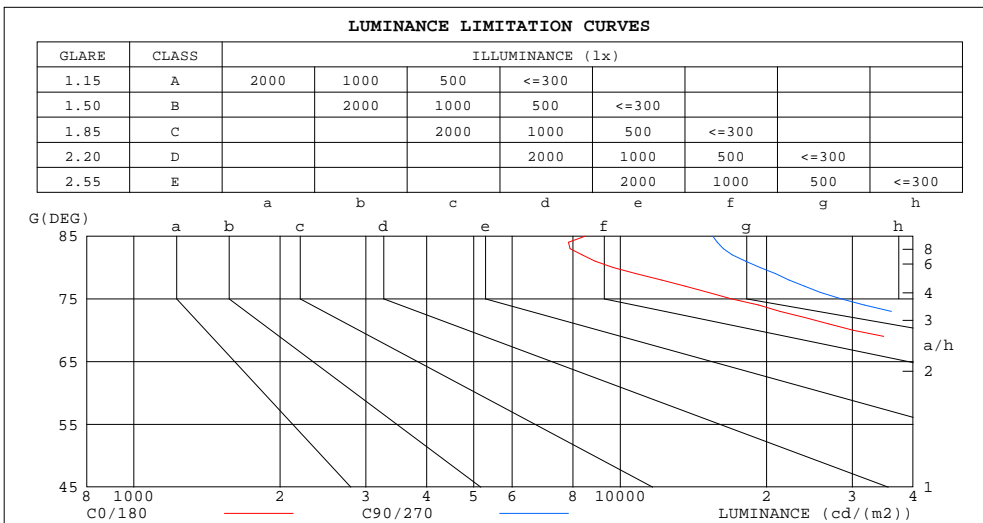
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	5337	5276	5218	5189	5273	5262	5260	5260	0- 10	502.1	502.1	2.57,2.57
20	5376	5284	5189	5128	5228	5274	5327	5312	10- 20	1489	1991	10.2,10.2
30	5470	5359	5221	5128	5244	5372	5456	5445	20- 30	2450	4441	22.7,22.7
40	5564	5488	5338	5222	5321	5557	5706	5644	30- 40	3395	7836	40.1,40.1
50	5473	5481	5480	5336	5381	5612	5709	5625	40- 50	4283	12119	62,62
60	3483	4220	4305	4487	4512	4019	3293	3469	50- 60	4481	16600	85,85
70	443.4	670.2	897.1	878.9	910.2	579.9	333.1	453.9	60- 70	2093	18693	95.7,95.7
80	72.23	123.6	144.8	148.3	149.6	108.0	61.17	86.01	70- 80	309.7	19003	97.2,97.2
90	30.66	29.89	30.69	30.20	41.08	40.21	40.38	40.48	80- 90	62.29	19065	97.6,97.6
100	44.36	41.79	39.19	40.35	50.01	52.20	53.93	53.37	90-100	43.76	19109	97.8,97.8
110	61.59	59.24	56.87	57.63	67.31	69.06	70.49	69.45	100-110	58.55	19167	98.1,98.1
120	73.90	73.15	73.28	72.40	82.03	81.30	82.32	80.85	110-120	70.37	19238	98.4,98.4
130	82.79	83.26	83.15	82.04	91.57	90.92	90.57	89.87	120-130	73.72	19311	98.8,98.8
140	91.35	91.20	90.54	89.33	99.21	97.72	97.29	96.94	130-140	69.84	19381	99.2,99.2
150	104.2	103.7	102.5	101.9	109.2	107.3	107.2	106.7	140-150	62.26	19444	99.5,99.5
160	116.5	116.5	115.8	114.5	120.4	117.2	117.2	116.2	150-160	51.25	19495	99.8,99.8
170	125.4	123.4	122.6	121.6	127.9	123.9	123.2	122.2	160-170	34.02	19529	99.9,99.9
180	129.3	127.0	126.3	125.3	129.8	126.8	126.0	125.2	170-180	11.92	19541	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:2022-04-25**

**$\gamma$  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:220.30V I:0.6930A P:148.60W PF:0.9860 Freq:50.00Hz Lamp Flux:19540.7x1 lm		
Name: NS90-150W	Type: LED	
MFR.: Lumega Group	DIM.: 365*290*65mm	
	SUR.: 180*240mm	



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	8470	15496
80	9673	19390
75	16948	28531
70	30151	61000
65	78660	149939
60	161979	200229
55	203968	214968
50	198011	198256
45	183234	178792

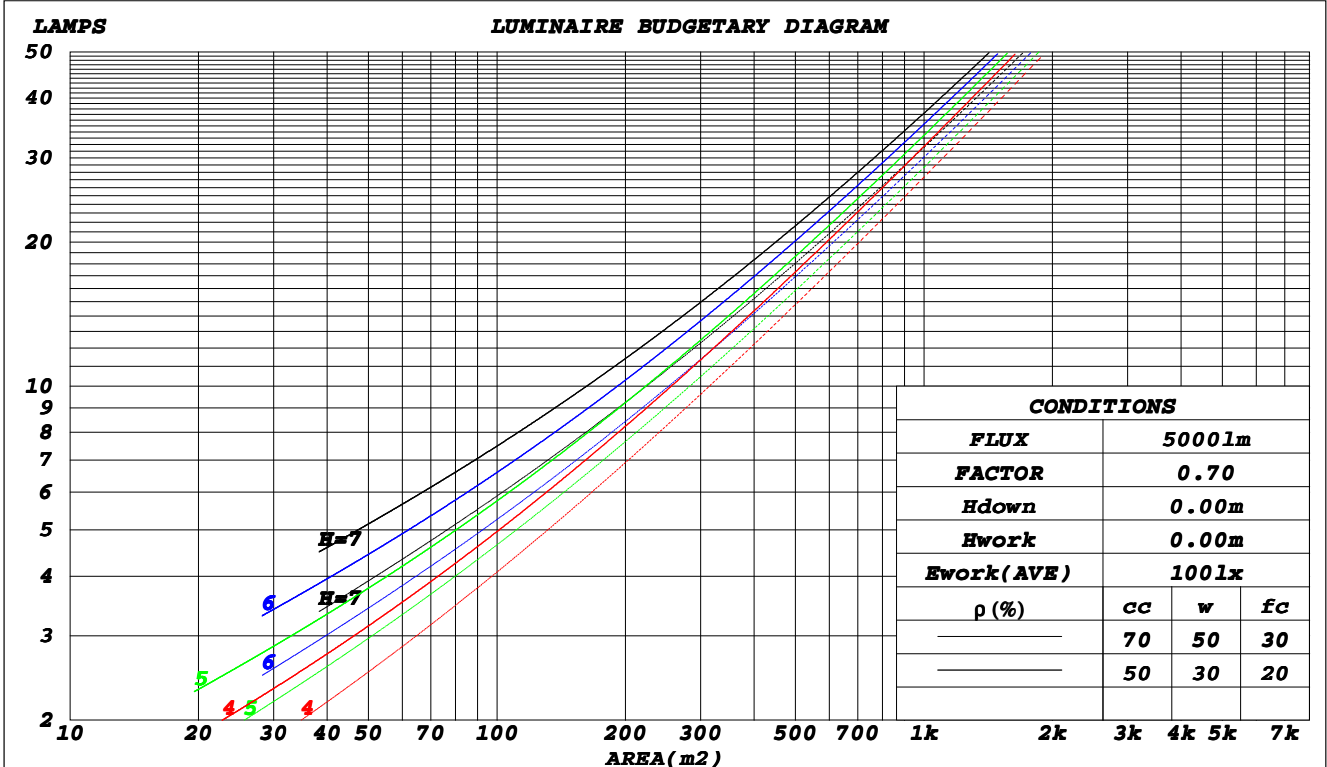
**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2022-04-25**

**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:220.30V I:0.6930A P:148.60W PF:0.9860 Freq:50.00Hz		
Lamp Flux:19540.7x1 lm		
Name: NS90-150W	Type: LED	
MFR.: Lumega Group	DIM.: 365*290*65mm	
	SUR.: 180*240mm	

$\rho_{cc}$	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	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.98	
1.0	1.05	1.01	.98	1.03	.99	.96	.98	.95	.93	.94	.91	.89	.90	.88	.86	.84	
2.0	.92	.86	.80	.90	.84	.79	.86	.81	.77	.82	.78	.75	.79	.76	.73	.71	
3.0	.81	.73	.66	.79	.72	.66	.76	.69	.64	.72	.67	.63	.70	.65	.61	.59	
4.0	.71	.62	.56	.69	.61	.55	.67	.60	.54	.64	.58	.53	.62	.56	.52	.50	
5.0	.63	.54	.47	.62	.53	.47	.59	.52	.46	.57	.50	.45	.55	.49	.45	.43	
6.0	.56	.47	.41	.55	.46	.40	.53	.45	.40	.51	.44	.39	.49	.43	.39	.37	
7.0	.50	.41	.35	.49	.41	.35	.48	.40	.35	.46	.39	.34	.44	.38	.34	.32	
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.30	.42	.35	.30	.40	.34	.30	.28	
9.0	.41	.33	.27	.41	.33	.27	.39	.32	.27	.38	.32	.27	.37	.31	.27	.25	
10.0	.38	.30	.25	.37	.30	.24	.36	.29	.24	.35	.29	.24	.34	.28	.24	.22	



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2022-04-25

$\gamma$  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:220.30V I:0.6930A P:148.60W PF:0.9860 Freq:50.00Hz		
Lamp Flux:19540.7x1 lm		
Name: NS90-150W	Type: LED	
MFR.: Lumega Group	DIM.: 365*290*65mm	
	SUR.: 180*240mm	

$\rho_{cc}$	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	.275	.156	.050	.267	.153	.048	.253	.145	.046	.240	.138	.044	.227	.132	.042	
2.0	.271	.149	.046	.264	.146	.045	.251	.140	.043	.240	.134	.042	.229	.129	.041	
3.0	.258	.137	.041	.252	.135	.041	.241	.131	.040	.230	.126	.039	.220	.122	.038	
4.0	.243	.126	.037	.238	.124	.037	.228	.121	.036	.218	.117	.035	.209	.114	.035	
5.0	.228	.116	.034	.223	.114	.033	.214	.111	.033	.205	.108	.032	.197	.105	.032	
6.0	.213	.107	.031	.209	.105	.030	.201	.103	.030	.193	.100	.029	.186	.098	.029	
7.0	.200	.099	.028	.196	.097	.028	.188	.095	.027	.181	.093	.027	.175	.091	.027	
8.0	.187	.091	.026	.184	.090	.026	.177	.088	.025	.171	.086	.025	.165	.085	.025	
9.0	.176	.085	.024	.173	.084	.024	.167	.082	.023	.161	.081	.023	.155	.079	.023	
10.0	.166	.079	.022	.163	.079	.022	.157	.077	.022	.152	.075	.021	.147	.074	.021	

$\rho_{cc}$	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	.209	.209	.209	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.197	.175	.156	.168	.150	.134	.115	.103	.093	.066	.060	.054	.021	.019	.017	
2.0	.188	.151	.119	.161	.130	.103	.111	.090	.072	.064	.052	.042	.020	.017	.014	
3.0	.181	.133	.095	.155	.115	.082	.107	.080	.058	.062	.047	.034	.020	.015	.011	
4.0	.174	.120	.078	.150	.104	.068	.103	.072	.048	.060	.042	.028	.019	.014	.009	
5.0	.168	.110	.067	.144	.095	.058	.099	.066	.041	.057	.039	.024	.019	.013	.008	
6.0	.161	.101	.058	.139	.088	.051	.096	.061	.036	.055	.036	.021	.018	.012	.007	
7.0	.155	.095	.052	.133	.082	.046	.092	.057	.032	.053	.034	.019	.017	.011	.006	
8.0	.149	.089	.048	.128	.077	.042	.089	.054	.030	.052	.032	.018	.017	.010	.006	
9.0	.143	.084	.044	.123	.073	.039	.085	.051	.027	.050	.030	.016	.016	.010	.005	
10.0	.137	.080	.041	.118	.069	.036	.082	.049	.026	.048	.029	.015	.016	.009	.005	

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2022-04-25**

**$\gamma$  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:220.30V I:0.6930A P:148.60W PF:0.9860 Freq:50.00Hz		
Lamp Flux:19540.7x1 lm		
Name: NS90-150W	Type: LED	
MFR.: Lumega Group	DIM.: 365*290*65mm	
	SUR.: 180*240mm	

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>	31.7	33.2	32.0	33.4	33.7	32.2	33.7	32.5	33.9	34.2
3H	31.7	33.1	32.0	33.3	33.6	32.5	33.9	32.9	34.2	34.5
4H	31.6	32.9	32.0	33.2	33.5	32.5	33.8	32.8	34.0	34.4
6H	31.5	32.7	31.9	33.0	33.4	32.4	33.6	32.7	33.9	34.2
8H	31.5	32.6	31.8	32.9	33.3	32.3	33.5	32.7	33.8	34.1
12H	31.4	32.5	31.8	32.9	33.2	32.3	33.4	32.7	33.7	34.1
<b>4H 2H</b>	32.1	33.3	32.4	33.6	33.9	32.5	33.8	32.8	34.1	34.4
3H	32.1	33.2	32.5	33.5	33.9	32.8	33.9	33.2	34.3	34.6
4H	32.0	33.0	32.4	33.4	33.8	32.8	33.8	33.2	34.1	34.5
6H	31.9	32.8	32.4	33.2	33.6	32.7	33.6	33.1	34.0	34.4
8H	31.9	32.7	32.3	33.1	33.5	32.7	33.5	33.1	33.9	34.3
12H	31.8	32.6	32.3	33.0	33.5	32.6	33.3	33.1	33.8	34.2
<b>8H 4H</b>	31.9	32.7	32.4	33.1	33.6	32.6	33.4	33.1	33.9	34.3
6H	31.8	32.5	32.3	32.9	33.4	32.6	33.2	33.1	33.7	34.2
8H	31.8	32.4	32.3	32.9	33.4	32.6	33.1	33.1	33.6	34.1
12H	31.8	32.3	32.3	32.8	33.3	32.5	33.0	33.0	33.5	34.0
<b>12H 4H</b>	31.9	32.6	32.3	33.0	33.5	32.6	33.3	33.1	33.8	34.2
6H	31.8	32.4	32.3	32.8	33.4	32.5	33.1	33.0	33.6	34.1
8H	31.8	32.3	32.3	32.8	33.3	32.5	33.0	33.0	33.5	34.0
<b>Variations with the observer position at spacings(CIE Pub.117):</b>										
<b>S = 1.0H</b>	+ 0.2 / - 0.4					+ 0.2 / - 0.2				
1.5H	+ 1.4 / - 2.0					+ 1.2 / - 1.1				
2.0H	+ 0.8 / - 1.4					+ 0.9 / - 1.9				

CIE Pub.117, 19541 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 10.3)  
 Area: 0.043 m2

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2022-04-25**

**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:220.30V I:0.6930A P:148.60W PF:0.9860 Freq:50.00Hz Lamp Flux:19540.7x1 lm		
Name: NS90-150W	Type: LED	
MFR.: Lumega Group	DIM.: 365*290*65mm	
	SUR.: 180*240mm	

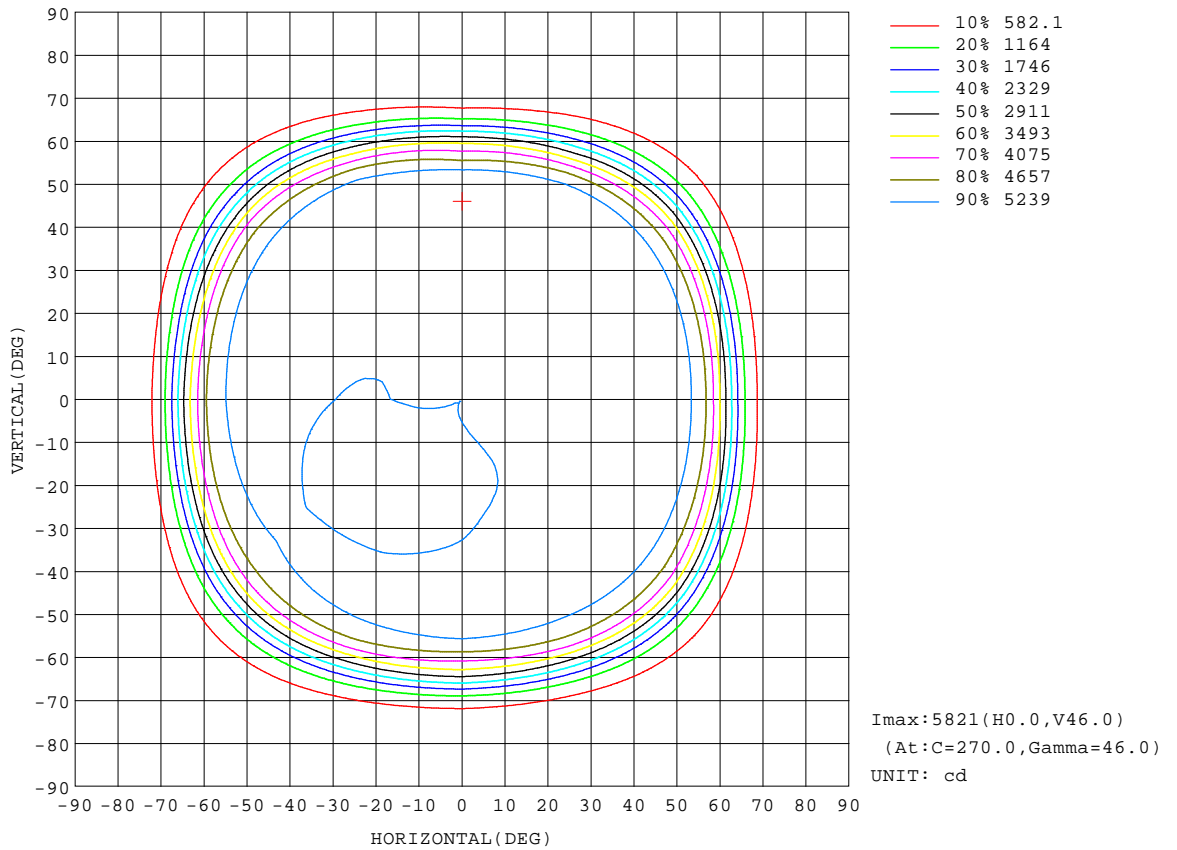
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
<b>ROOM INDEX</b>	<b>UTILIZATION FACTORS(PERCENT) <math>k(RI) \times RCR = 5</math></b>									
<b>k = 0.60</b>	53	41	34	52	41	33	51	40	33	26
<b>0.80</b>	65	53	45	64	52	45	62	51	44	37
<b>1.00</b>	75	64	56	74	63	56	71	64	55	48
<b>1.25</b>	83	72	65	81	72	65	78	70	64	56
<b>1.50</b>	88	79	72	86	78	71	83	76	70	62
<b>2.00</b>	96	88	81	94	86	81	90	84	79	71
<b>2.50</b>	99	92	86	97	91	85	93	88	83	75
<b>3.00</b>	103	96	91	101	95	90	96	91	88	79
<b>4.00</b>	107	101	97	104	99	95	99	96	92	83
<b>5.00</b>	109	104	100	106	102	99	101	98	95	85
<b>ROOM INDEX</b>	<b>UF(total)</b>									<b>Direct</b>
<b>According to DIN EN 13032-2 2004</b>			<b>Suspended</b>				<b>SHRNM = 1.25</b>			

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2022-04-25**

**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:220.30V I:0.6930A P:148.60W PF:0.9860 Freq:50.00Hz		
Lamp Flux:19540.7x1 lm		
Name: NS90-150W	Type: LED	
MFR.: Lumega Group	DIM.: 365*290*65mm	
	SUR.: 180*240mm	



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2022-04-25**

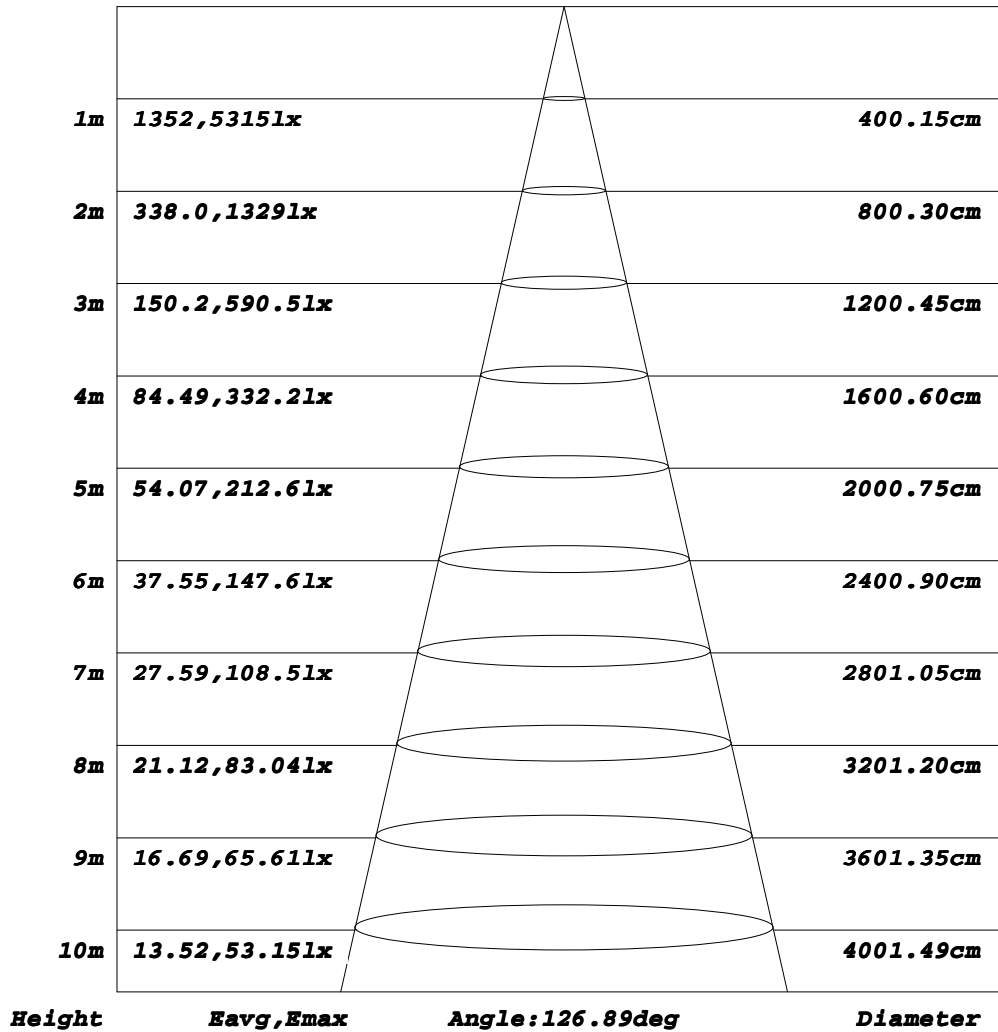
**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity: 65.0%**  
**Test Distance: 8.000m [K=0.7063]**  
**Remarks:**



**AAI Figure**

Test:U:220.30V I:0.6930A P:148.60W PF:0.9860 Freq:50.00Hz		
Lamp Flux:19540.7x1 lm		
Name: NS90-150W	Type: LED	
MFR.: Lumega Group	DIM.: 365*290*65mm	
	SUR.: 180*240mm	

**Flux out:17853 lm**



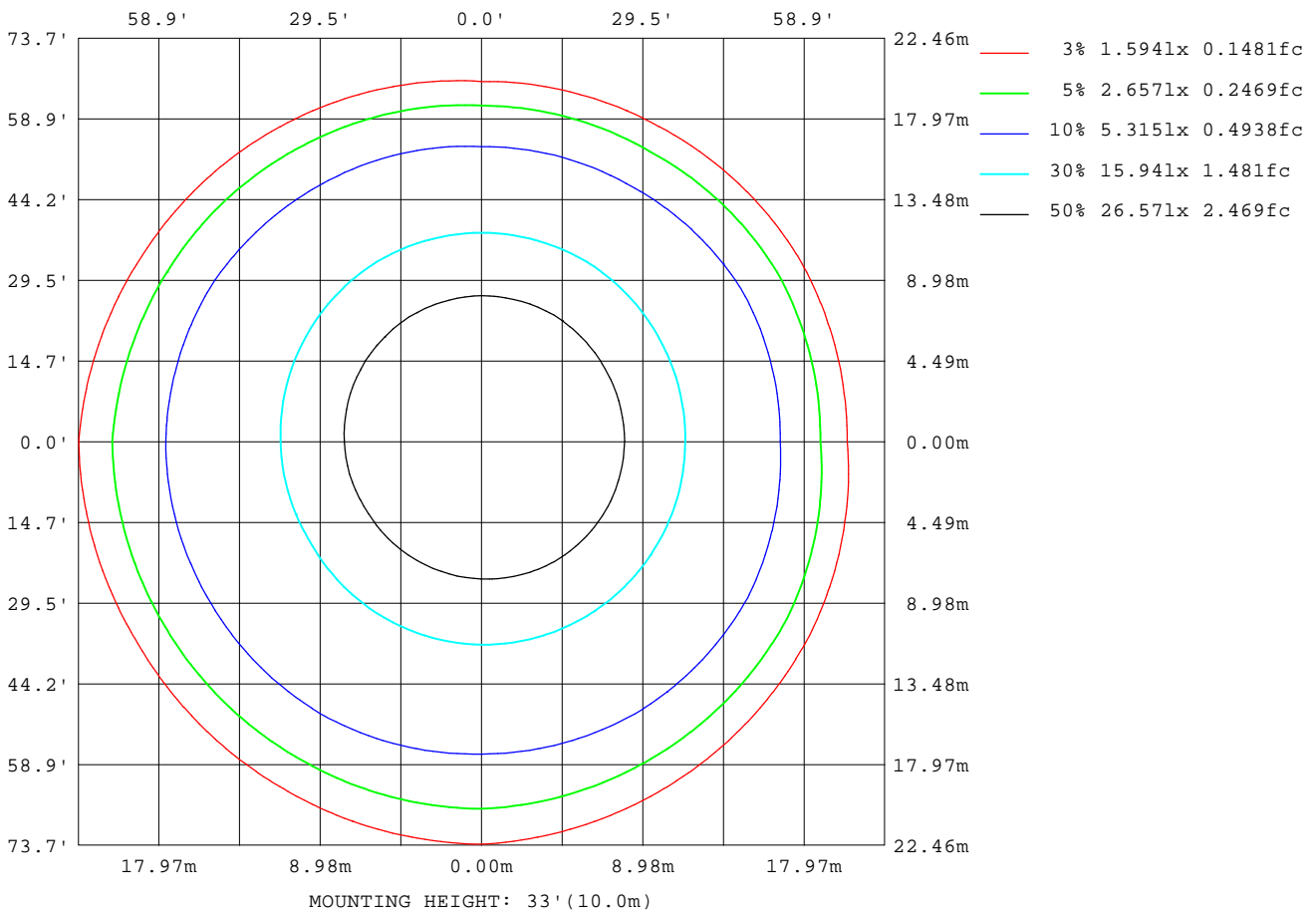
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2022-04-25**

**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**

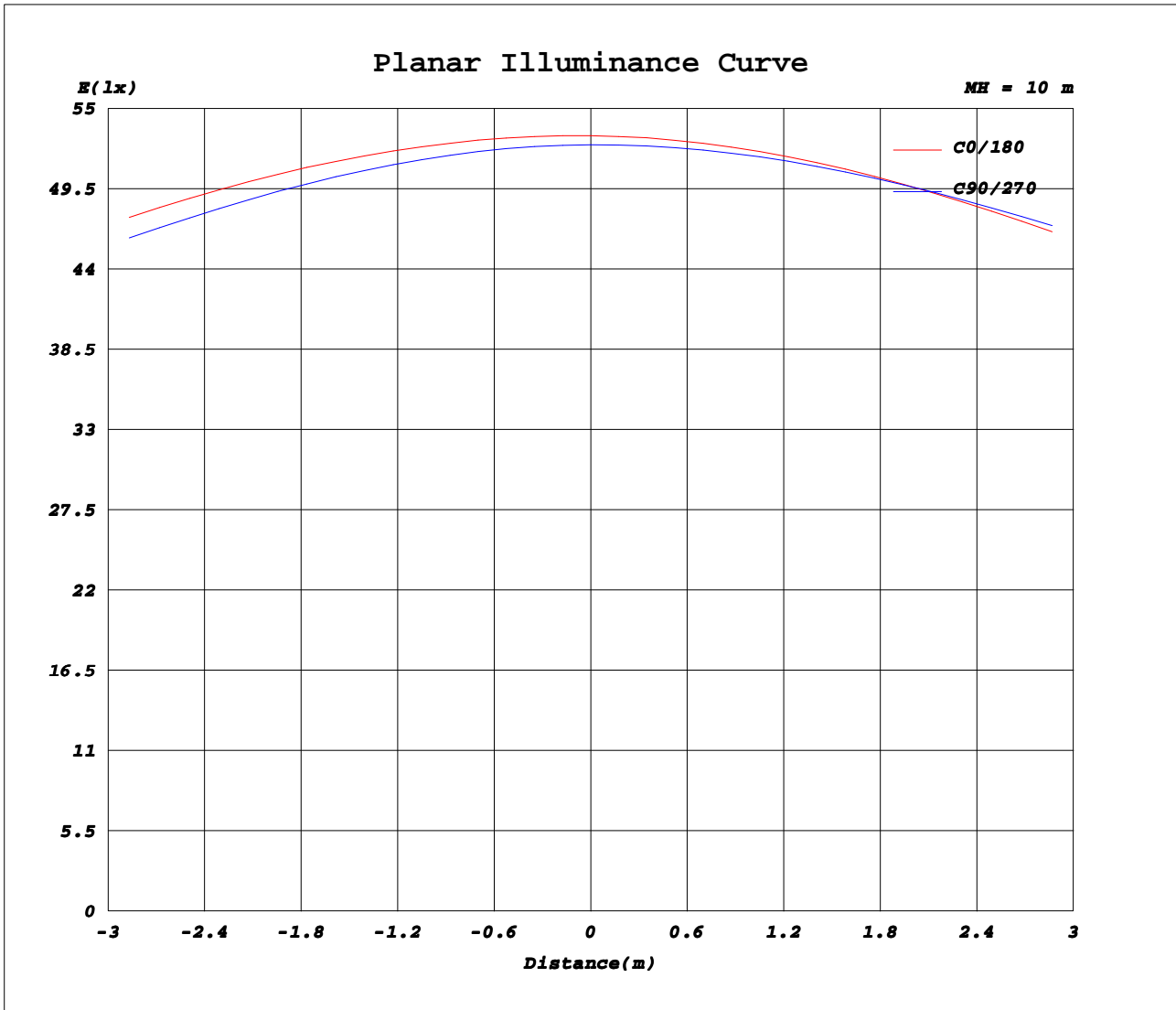
Test:U:220.30V I:0.6930A P:148.60W PF:0.9860 Freq:50.00Hz		
Lamp Flux:19540.7x1 lm		
Name: NS90-150W	Type: LED	
MFR.: Lumega Group	DIM.: 365*290*65mm	
	SUR.: 180*240mm	



**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2022-04-25**

**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: 2022-04-25**

**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:220.30V I:0.6930A P:148.60W PF:0.9860 Freq:50.00Hz		
Lamp Flux:19540.7x1 lm		
Name: NS90-150W	Type: LED	
MFR.: Lumega Group	DIM.: 365*290*65mm	
	SUR.: 180*240mm	

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	5315	5290	5266	5252	5240	5239	5315	5290	5266	5252	5240	5239							
5	5324	5295	5261	5240	5223	5219	5297	5279	5262	5255	5249	5249							
10	5337	5299	5252	5218	5191	5188	5273	5264	5260	5260	5258	5261							
15	5350	5305	5246	5197	5159	5154	5247	5252	5266	5283	5280	5278							
20	5376	5319	5249	5189	5133	5124	5228	5255	5292	5327	5319	5305							
25	5418	5350	5272	5201	5127	5109	5223	5278	5342	5383	5383	5354							
30	5470	5401	5317	5221	5143	5112	5244	5328	5417	5456	5465	5426							
35	5521	5462	5381	5261	5180	5145	5278	5400	5514	5569	5572	5508							
40	5564	5522	5454	5338	5246	5198	5321	5482	5631	5706	5697	5591							
45	5571	5548	5515	5436	5340	5261	5371	5545	5725	5814	5783	5641							
50	5473	5475	5487	5480	5395	5277	5381	5533	5692	5709	5692	5558							
55	5031	5136	5201	5302	5231	5121	5234	5265	5240	4783	5058	5068							
60	3483	4117	4322	4305	4511	4463	4512	4309	3729	3293	3291	3646							
65	1429	1939	2331	2725	2629	2624	2788	2157	1646	1207	1315	1470							
70	443	617	723	897	894	864	910	665	495	333	426	482							
75	189	256	297	318	329	315	338	275	222	135	193	217							
80	72.2	113	134	145	152	145	150	122	93.7	61.2	79.5	92.6							
85	31.7	40.5	50.9	58.1	60.5	54.9	63.7	50.1	43.4	39.6	40.6	42.5							
90	30.7	30.0	29.8	30.7	30.4	30.0	41.1	40.3	40.1	40.4	40.5	40.5							
95	36.5	35.1	33.9	32.8	33.3	33.8	43.5	44.4	45.1	46.0	45.9	45.6							
100	44.4	42.6	41.0	39.2	40.0	40.7	50.0	51.7	52.7	53.9	53.5	53.2							
105	53.1	51.1	49.4	47.7	48.3	49.0	58.4	60.2	61.3	62.7	62.1	61.7							
110	61.6	60.1	58.4	56.9	57.2	58.0	67.3	68.8	69.3	70.5	69.6	69.3							
115	68.5	67.2	66.6	65.9	65.7	66.0	75.6	75.6	75.5	76.8	75.4	75.2							
120	73.9	73.1	73.2	73.3	72.6	72.2	82.0	81.4	81.2	82.3	81.0	80.7							
125	78.6	78.5	78.7	78.8	78.2	77.4	87.2	86.8	86.5	86.9	86.1	85.6							
130	82.8	83.1	83.5	83.1	82.6	81.5	91.6	91.0	90.8	90.6	90.1	89.6							
135	86.6	86.9	87.3	86.8	86.1	84.8	95.5	94.4	94.2	93.7	93.3	93.1							
140	91.4	91.1	91.3	90.5	89.9	88.7	99.2	97.7	97.7	97.3	96.9	97.0							
145	97.6	97.2	96.8	95.8	95.6	94.6	104	102	102	102	101	102							
150	104	104	103	103	102	101	109	107	107	107	107	107							
155	111	111	110	110	109	108	115	113	112	112	112	112							
160	117	117	116	116	115	114	120	117	117	117	116	116							
165	121	121	120	120	119	118	125	121	121	121	119	120							
170	125	125	122	123	122	121	128	125	123	123	122	122							
175	128	127	125	125	124	124	129	126	125	125	124	124							
180	129	128	126	126	125	125	130	128	126	126	125	125							

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2022-04-25**

**γ Range: 0 - 180DEG**  
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**Humidity:65.0%**  
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