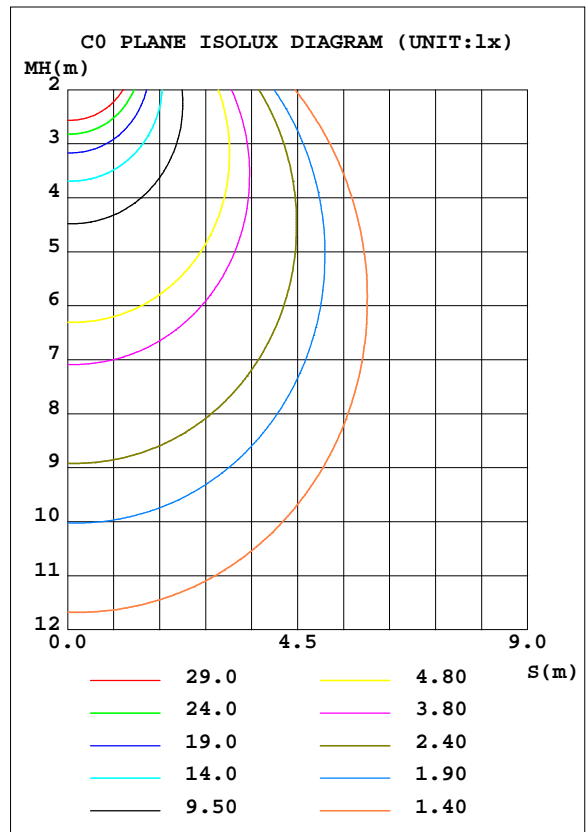
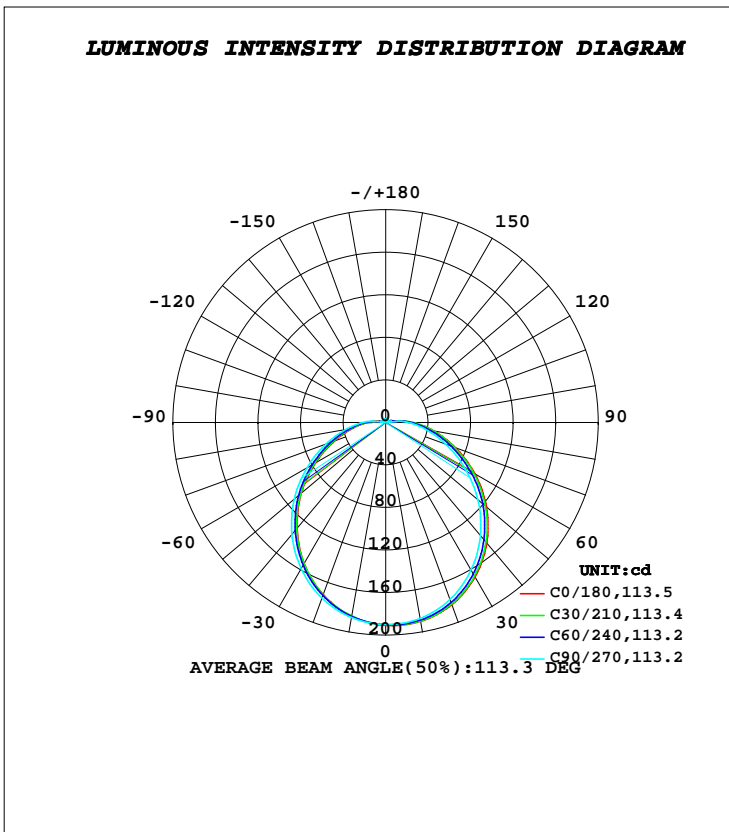


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:221.70V I:0.0280A P:5.7000W PF:0.8990 Freq:50.00Hz		
Lamp Flux:611.474x1 lm		
Name: NS44-φ145MM-5W(ROUND)	Type: LED	
MFR.: Lumega Group	DIM.: D145*H50mm	
	SUR.: D110mm	

DATA OF LAMP		PHOTOMETRIC DATA Eff: 107.28 lm/W			
MODEL		I _{max} (cd)	191.2	S/MH(C0/180)	1.30
NOMINAL POWER(W)	5	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	611.47	η UP, DN(C0-180)	2.2,48.4
NOMINAL FLUX(lm)	611.474	CIE CLASS	DIRECT	η UP, DN(C180-360)	2.3,47.1
LAMPS INSIDE	1	η up(%)	4.5	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	221.6	η down(%)	95.5	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-05-12

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:

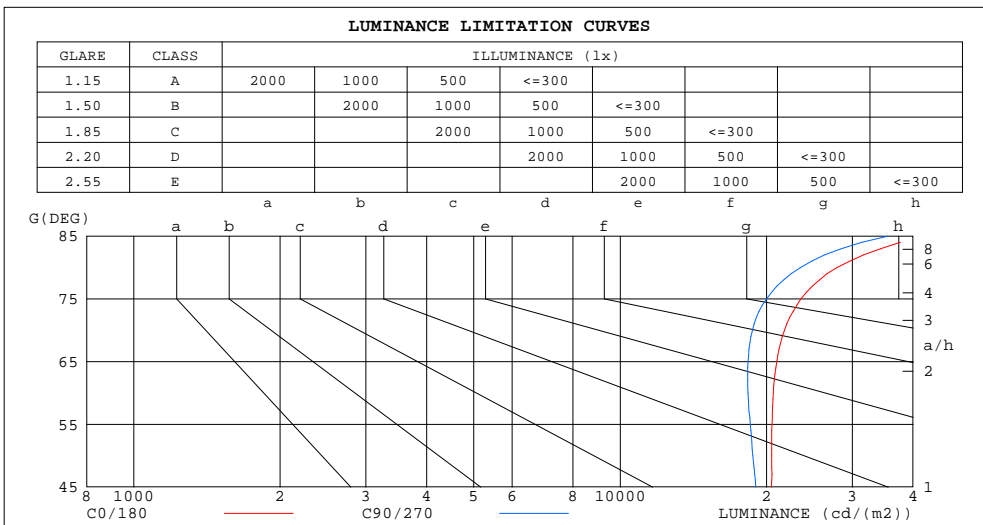
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	189.8	189.1	187.1	184.8	184.9	185.0	186.1	188.1	0- 10	17.99	17.99	2.94,2.94
20	182.2	180.9	177.0	172.7	172.1	172.7	175.7	179.8	10- 20	51.52	69.51	11.4,11.4
30	167.9	165.8	160.4	154.4	153.4	154.4	158.9	164.9	20- 30	77.88	147.4	24.1,24.1
40	148.0	145.3	138.7	131.4	129.8	131.4	137.2	144.7	30- 40	93.62	241.0	39.4,39.4
50	123.8	120.7	113.2	105.2	103.7	105.7	112.2	120.6	40- 50	97.22	338.2	55.3,55.3
60	97.05	93.93	86.07	78.05	76.37	78.74	85.53	94.15	50- 60	89.21	427.4	69.9,69.9
70	69.97	67.29	60.14	52.97	51.52	54.03	60.11	68.03	60- 70	72.43	499.9	81.7,81.7
80	45.58	44.07	38.34	32.39	31.22	33.40	38.04	44.86	70- 80	51.96	551.8	90.2,90.2
90	21.54	25.03	21.25	16.86	14.73	18.24	21.43	24.52	80- 90	31.94	583.8	95.5,95.5
100	1.928	4.212	2.619	4.226	7.694	4.562	3.751	5.291	90-100	13.61	597.4	97.7,97.7
110	5.835	2.187	2.949	2.098	4.014	2.499	3.754	2.257	100-110	3.265	600.6	98.2,98.2
120	2.510	1.991	1.990	2.145	2.596	2.409	2.278	2.324	110-120	2.420	603.1	98.6,98.6
130	2.244	2.213	2.293	2.452	2.793	2.662	2.552	2.454	120-130	2.094	605.2	99,99
140	2.501	2.482	2.580	2.682	2.965	2.877	2.808	2.716	130-140	1.996	607.2	99.3,99.3
150	2.709	2.710	2.815	2.888	3.094	3.036	2.956	2.897	140-150	1.752	608.9	99.6,99.6
160	2.923	2.926	3.019	3.046	3.176	3.145	3.139	3.052	150-160	1.372	610.3	99.8,99.8
170	3.116	3.143	3.180	3.231	3.262	3.248	3.211	3.178	160-170	0.8837	611.2	99.9,99.9
180	3.278	3.294	3.272	3.304	3.293	3.298	3.271	3.301	170-180	0.3100	611.5	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:2022-05-12

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:

LUMINANCE LIMITATION CURVES

Test:U:221.70V I:0.0280A P:5.7000W PF:0.8990 Freq:50.00Hz		
Lamp Flux:611.474x1 lm		
Name: NS44-φ145MM-5W(ROUND)	Type: LED	
MFR.: Lumega Group	DIM.: D145*H50mm	
	SUR.: D110mm	



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	42293	35527
80	27925	23490
75	23534	20000
70	21764	18706
65	20979	18327
60	20650	18313
55	20518	18521
50	20488	18732
45	20474	19002

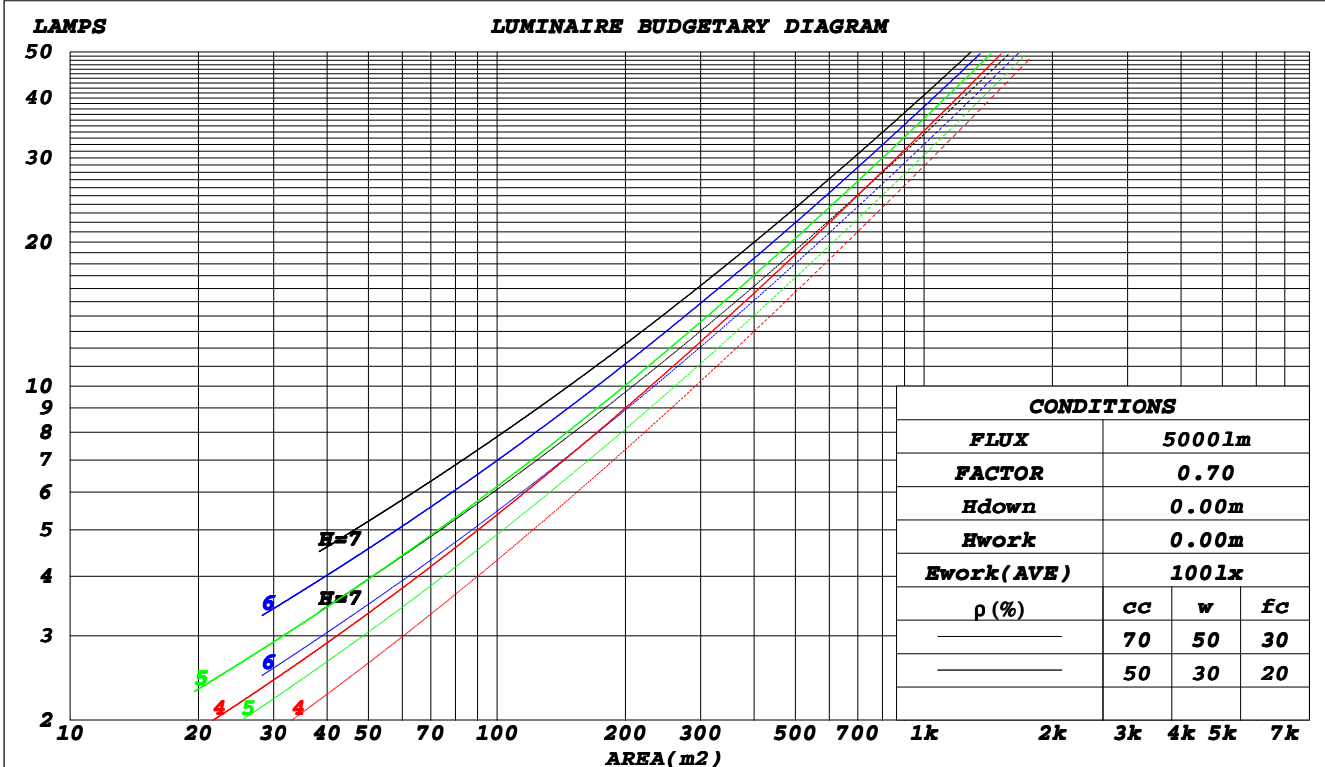
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-05-12

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:0.0280A P:5.7000W PF:0.8990 Freq:50.00Hz		
Lamp Flux:611.474x1 lm		
Name: NS44-φ145MM-5W(ROUND)	Type: LED	
MFR.: Lumega Group	DIM.: D145*H50mm	
	SUR.: D110mm	

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
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.03	1.03	1.03	.98	.98	.98	.95
1.0	1.01	.96	.91	.98	.93	.89	.93	.89	.86	.88	.85	.82	.84	.81	.79	.76
2.0	.87	.80	.73	.85	.78	.72	.80	.75	.70	.76	.72	.67	.73	.69	.65	.63
3.0	.76	.67	.60	.74	.66	.60	.70	.64	.58	.67	.61	.56	.64	.59	.55	.52
4.0	.67	.58	.51	.65	.57	.50	.62	.55	.49	.59	.53	.48	.57	.51	.47	.44
5.0	.60	.51	.44	.58	.50	.43	.56	.48	.42	.53	.47	.41	.51	.45	.41	.38
6.0	.54	.45	.38	.53	.44	.38	.50	.43	.37	.48	.41	.36	.46	.40	.36	.33
7.0	.49	.40	.33	.48	.39	.33	.46	.38	.33	.44	.37	.32	.42	.36	.32	.29
8.0	.44	.36	.30	.44	.35	.30	.42	.34	.29	.40	.34	.29	.39	.33	.28	.26
9.0	.41	.32	.27	.40	.32	.27	.38	.31	.26	.37	.31	.26	.36	.30	.25	.24
10.0	.38	.30	.24	.37	.29	.24	.36	.29	.24	.34	.28	.23	.33	.27	.23	.21



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2022-05-12

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:0.0280A P:5.7000W PF:0.8990 Freq:50.00Hz		
Lamp Flux:611.474x1 lm		
Name: NS44-φ145MM-5W(ROUND)	Type: LED	
MFR.: Lumega Group	DIM.: D145*H50mm	
	SUR.: D110mm	

ρ _{cc}	80%			70%			50%			30%			10%			0
ρ _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.352	.200	.063	.343	.196	.062	.327	.188	.060	.313	.180	.058	.299	.173	.056	
2.0	.315	.173	.053	.307	.169	.052	.293	.163	.051	.280	.157	.049	.268	.151	.048	
3.0	.285	.151	.045	.278	.149	.045	.265	.144	.044	.253	.139	.043	.242	.134	.042	
4.0	.259	.135	.040	.253	.132	.039	.242	.128	.038	.231	.124	.037	.221	.120	.037	
5.0	.237	.121	.035	.232	.119	.035	.222	.115	.034	.212	.112	.033	.203	.109	.033	
6.0	.219	.110	.031	.214	.108	.031	.205	.105	.031	.196	.102	.030	.188	.099	.029	
7.0	.202	.100	.028	.198	.099	.028	.190	.096	.028	.182	.093	.027	.175	.091	.027	
8.0	.188	.092	.026	.184	.091	.026	.177	.088	.025	.170	.086	.025	.163	.084	.024	
9.0	.176	.085	.024	.173	.084	.024	.166	.082	.023	.159	.080	.023	.153	.078	.023	
10.0	.165	.079	.022	.162	.078	.022	.156	.076	.021	.150	.074	.021	.144	.073	.021	

ρ _{cc}	80%			70%			50%			30%			10%			0
ρ _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.225	.225	.225	.192	.192	.192	.131	.131	.131	.075	.075	.075	.024	.024	.024	
1.0	.218	.191	.166	.187	.164	.143	.128	.113	.099	.073	.065	.057	.024	.021	.019	
2.0	.210	.167	.130	.180	.144	.113	.123	.099	.079	.071	.058	.046	.023	.019	.015	
3.0	.203	.150	.107	.174	.129	.093	.119	.090	.065	.069	.052	.039	.022	.017	.013	
4.0	.195	.137	.092	.167	.118	.080	.115	.082	.056	.066	.048	.033	.021	.016	.011	
5.0	.187	.126	.082	.161	.109	.071	.111	.076	.050	.064	.045	.030	.021	.015	.010	
6.0	.180	.118	.074	.154	.102	.064	.106	.072	.046	.062	.042	.027	.020	.014	.009	
7.0	.172	.111	.068	.148	.096	.060	.103	.068	.042	.060	.040	.025	.019	.013	.008	
8.0	.166	.106	.064	.143	.092	.056	.099	.064	.040	.057	.038	.024	.019	.012	.008	
9.0	.160	.101	.061	.138	.087	.053	.095	.061	.038	.055	.036	.022	.018	.012	.007	
10.0	.154	.096	.058	.133	.084	.051	.092	.059	.036	.054	.035	.022	.017	.011	.007	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-05-12

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:0.0280A P:5.7000W PF:0.8990 Freq:50.00Hz		
Lamp Flux:611.474x1 lm		
Name: NS44-φ145MM-5W(ROUND)	Type: LED	
MFR.: Lumega Group	DIM.: D145*H50mm	
	SUR.: D110mm	

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				
x = 2H y = 2H	23.3	24.8	23.6	25.1	25.4	22.9	24.4	23.2	24.7	25.0
3H	25.2	26.6	25.6	26.9	27.3	24.6	26.0	25.0	26.3	26.7
4H	26.2	27.5	26.6	27.8	28.2	25.5	26.8	25.9	27.2	27.5
6H	27.1	28.4	27.5	28.8	29.1	26.4	27.6	26.8	28.0	28.4
8H	27.7	28.9	28.1	29.2	29.6	26.8	28.0	27.2	28.4	28.8
12H	28.2	29.4	28.6	29.8	30.2	27.3	28.5	27.7	28.9	29.3
4H 2H	23.9	25.3	24.3	25.6	26.0	23.6	25.0	24.0	25.3	25.6
3H	26.1	27.3	26.5	27.6	28.0	25.6	26.8	26.0	27.2	27.6
4H	27.2	28.3	27.7	28.7	29.1	26.7	27.7	27.1	28.1	28.6
6H	28.4	29.3	28.9	29.8	30.2	27.7	28.7	28.2	29.1	29.6
8H	29.0	29.9	29.5	30.3	30.8	28.3	29.2	28.7	29.6	30.1
12H	29.7	30.5	30.2	31.0	31.5	28.9	29.7	29.4	30.2	30.7
8H 4H	27.6	28.5	28.1	29.0	29.5	27.2	28.1	27.6	28.5	29.0
6H	29.1	29.8	29.6	30.3	30.8	28.5	29.2	29.0	29.7	30.3
8H	29.9	30.5	30.4	31.0	31.6	29.2	29.9	29.7	30.4	30.9
12H	30.7	31.3	31.3	31.9	32.4	30.0	30.6	30.6	31.1	31.7
12H 4H	27.7	28.5	28.2	29.0	29.5	27.3	28.1	27.8	28.6	29.1
6H	29.2	29.9	29.8	30.4	31.0	28.7	29.4	29.2	29.9	30.4
8H	30.1	30.7	30.7	31.2	31.8	29.5	30.1	30.1	30.6	31.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117, 611.5 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -1.7)
 Area: 0.0094 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-05-12

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:0.0280A P:5.7000W PF:0.8990 Freq:50.00Hz Lamp Flux:611.474x1 lm		
Name: NS44-φ145MM-5W(ROUND)	Type: LED	
MFR.: Lumega Group	DIM.: D145*H50mm	
	SUR.: D110mm	

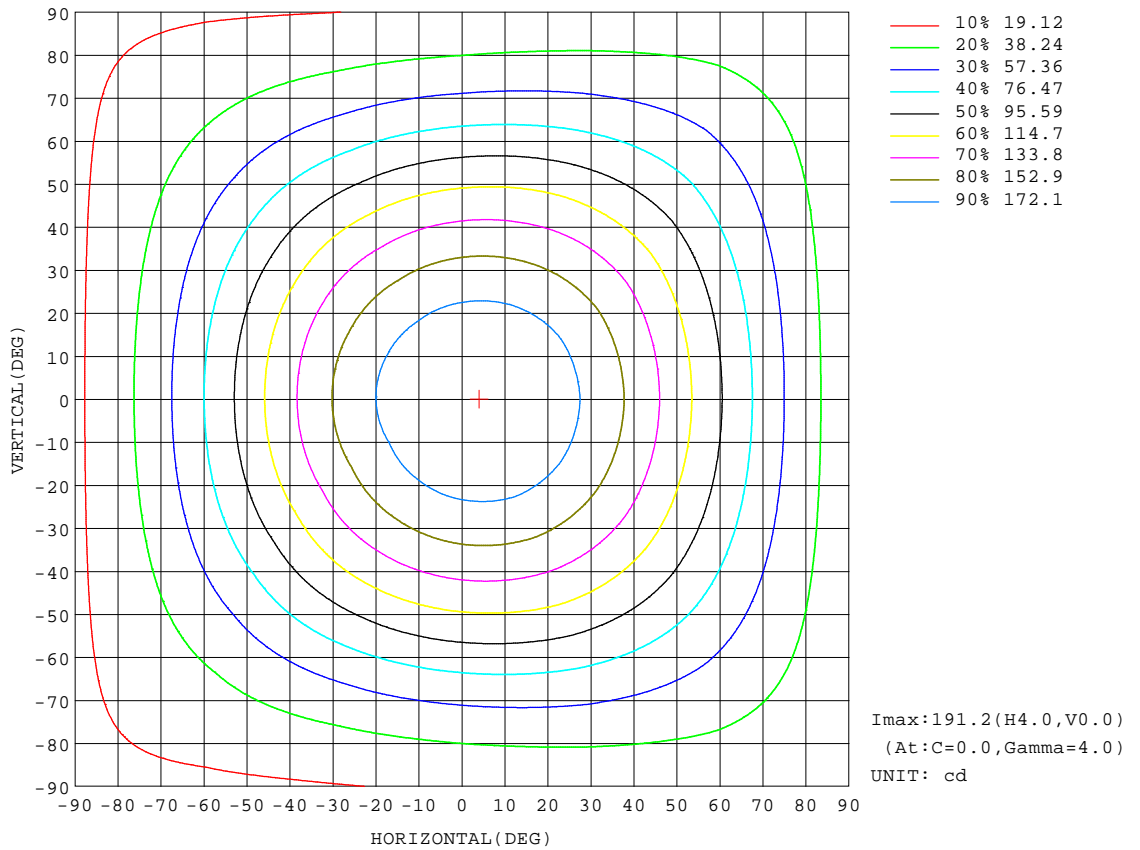
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	54	43	35	54	42	35	52	42	35	29
0.80	64	52	44	63	51	44	61	51	44	36
1.00	72	60	53	71	60	52	68	61	52	44
1.25	79	68	60	77	67	60	74	65	59	51
1.50	84	73	66	82	72	65	79	70	64	55
2.00	91	81	74	89	80	73	85	77	71	63
2.50	95	86	79	93	85	78	88	82	76	67
3.00	99	91	84	96	89	83	91	85	80	71
4.00	103	96	91	100	94	89	95	90	86	75
5.00	105	100	95	103	97	93	97	93	89	79
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-05-12

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:0.0280A P:5.7000W PF:0.8990 Freq:50.00Hz		
Lamp Flux:611.474x1 lm		
Name: NS44-φ145MM-5W(ROUND)	Type: LED	
MFR.: Lumega Group	DIM.: D145*H50mm	
	SUR.: D110mm	



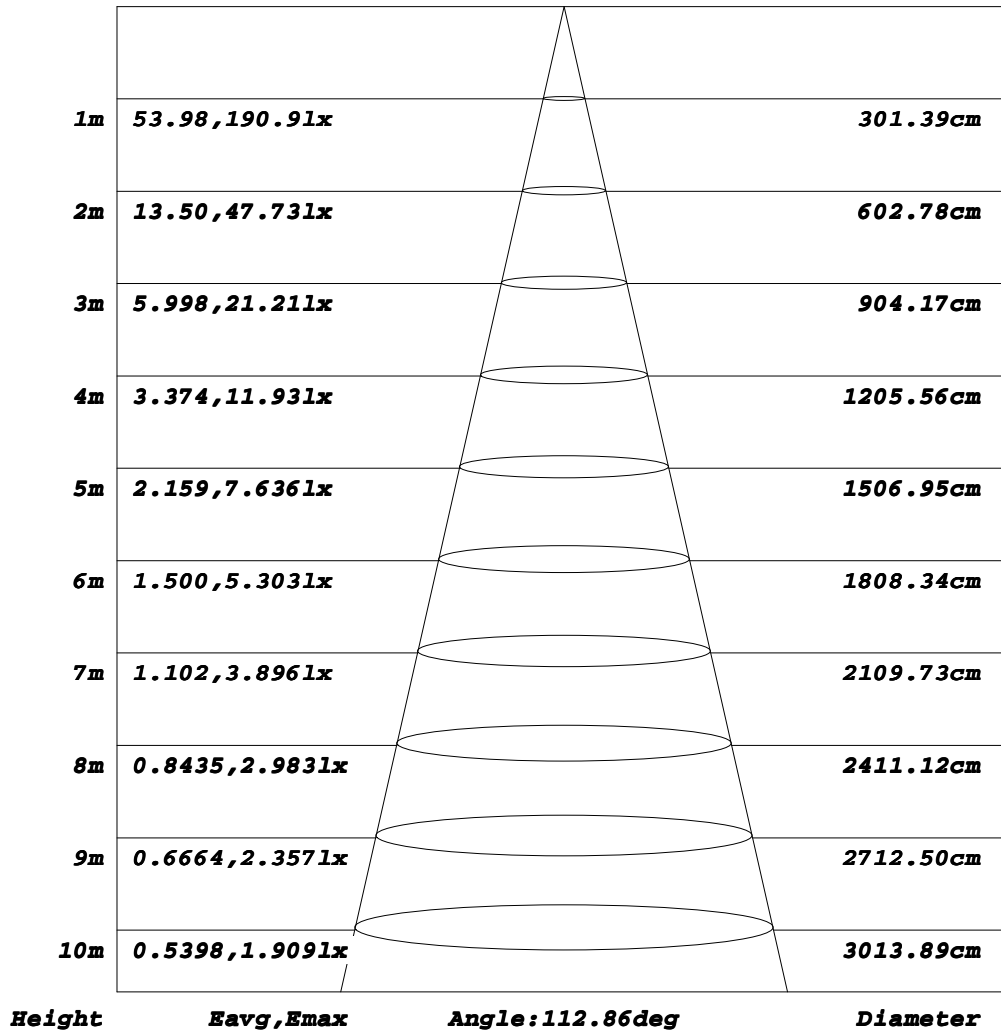
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-05-12

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:0.0280A P:5.7000W PF:0.8990 Freq:50.00Hz		
Lamp Flux:611.474x1 lm		
Name: NS44-φ145MM-5W(ROUND)	Type: LED	
MFR.: Lumega Group	DIM.: D145*H50mm	
	SUR.: D110mm	

Flux out:402.1 lm



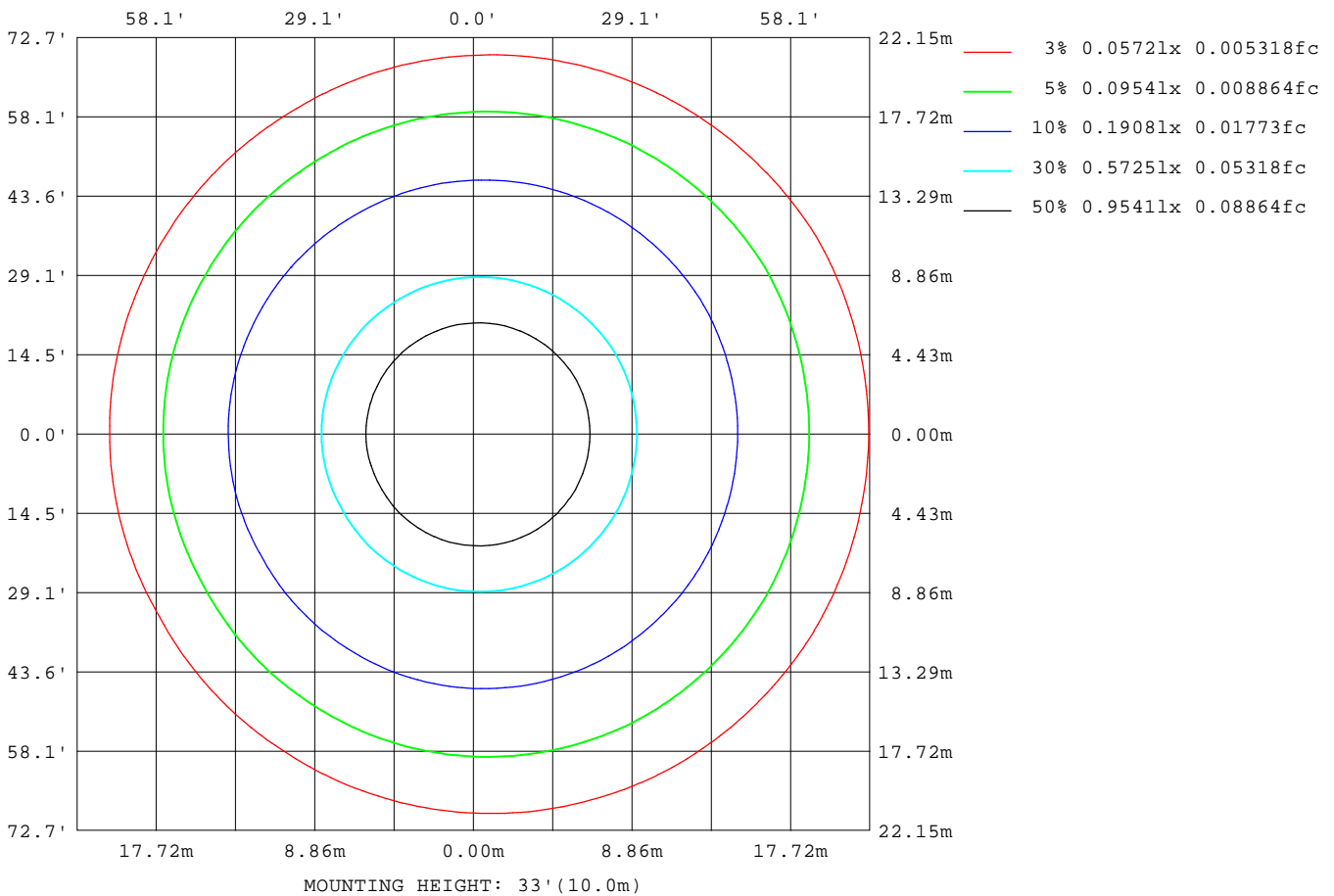
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-05-12

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

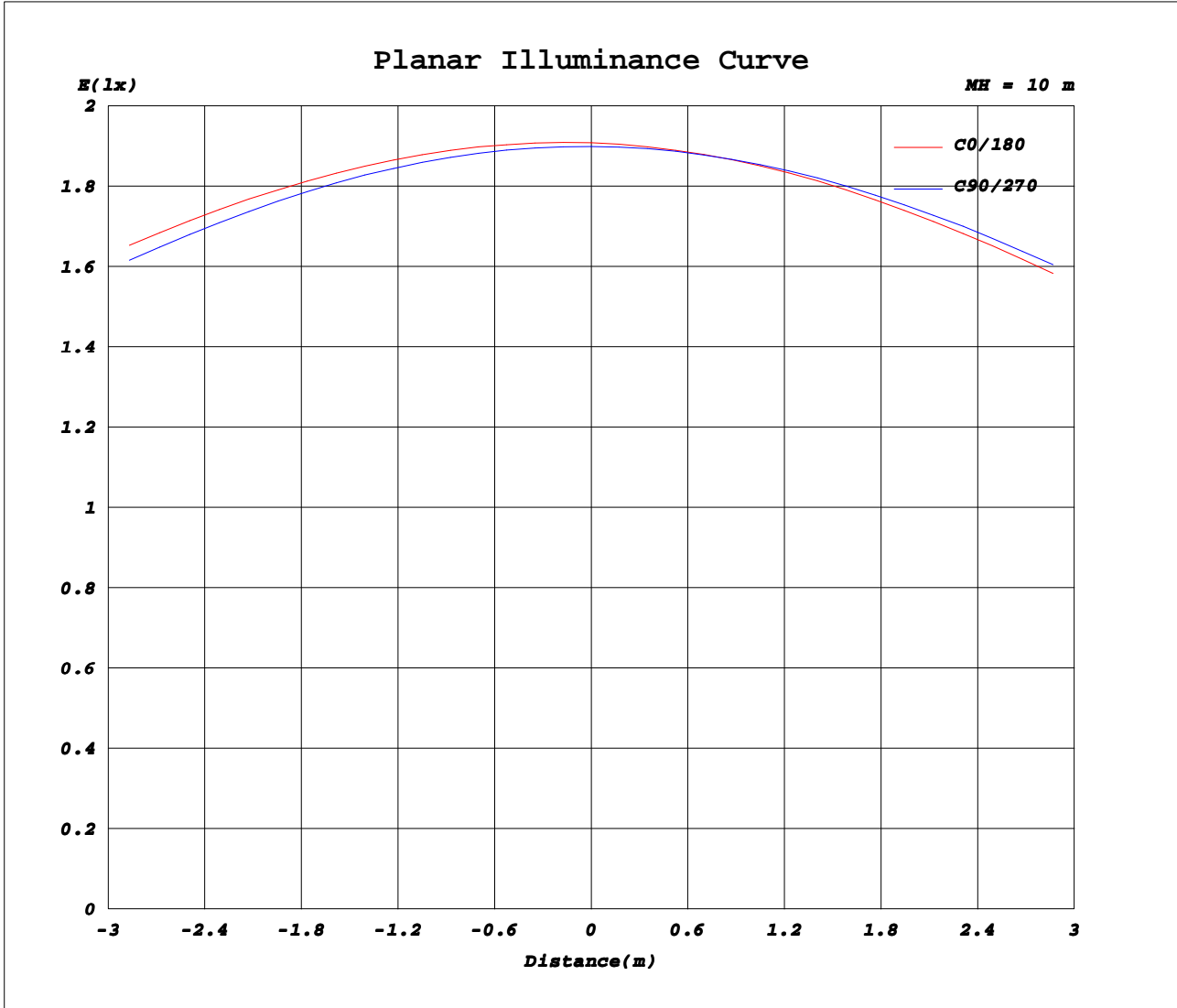
Test:U:221.70V I:0.0280A P:5.7000W PF:0.8990 Freq:50.00Hz		
Lamp Flux:611.474x1 lm		
Name: NS44-φ145MM-5W(ROUND)	Type: LED	
MFR.: Lumega Group	DIM.: D145*H50mm	
	SUR.: D110mm	



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
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Test Date: 2022-05-12

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: 2022-05-12

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:0.0280A P:5.7000W PF:0.8990 Freq:50.00Hz Lamp Flux:611.474x1 lm		
Name: NS44-φ145MM-5W(ROUND)	Type: LED	
MFR.: Lumega Group	DIM.: D145*H50mm	
	SUR.: D110mm	

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	191	191	190	190	190	190	191	191	190	190	190	190							
5	191	191	190	189	188	188	189	188	188	189	189	190							
10	190	190	189	187	185	184	185	185	185	186	187	189							
15	187	187	185	183	180	179	180	179	180	182	184	186							
20	182	182	180	177	174	171	172	172	173	176	178	181							
25	176	175	173	169	166	163	164	164	165	168	172	175							
30	168	167	165	160	156	153	153	154	155	159	163	167							
35	159	158	155	150	145	142	142	142	144	149	153	157							
40	148	147	144	139	133	129	130	130	133	137	142	147							
45	136	135	132	126	120	116	117	118	120	125	131	135							
50	124	122	119	113	107	103	104	104	107	112	118	123							
55	111	109	106	99.9	93.8	89.5	89.9	90.8	93.4	98.9	105	110							
60	97.1	95.8	92.1	86.1	80.2	75.9	76.4	77.4	80.1	85.5	91.5	96.8							
65	83.3	82.2	78.6	72.8	67.0	63.2	63.5	64.6	67.1	72.5	78.3	83.4							
70	70.0	69.0	65.6	60.1	54.8	51.2	51.5	52.8	55.2	60.1	65.6	70.4							
75	57.3	56.9	53.6	48.7	43.6	40.4	40.7	42.2	44.3	48.6	53.8	58.3							
80	45.6	45.7	42.4	38.3	33.6	31.2	31.2	32.5	34.3	38.0	42.9	46.8							
85	34.6	35.1	32.4	29.1	25.3	23.2	23.4	24.4	26.0	28.9	32.8	35.0							
90	21.5	25.9	24.1	21.3	18.4	15.3	14.7	17.5	19.0	21.4	24.4	24.7							
95	16.5	15.7	14.2	14.6	12.2	11.0	10.9	12.2	12.1	14.1	11.9	16.9							
100	1.93	1.23	7.19	2.62	5.57	2.88	7.69	3.56	5.56	3.75	8.99	1.59							
105	2.32	1.44	1.49	3.73	1.57	1.69	2.16	1.99	1.92	2.76	1.79	1.80							
110	5.83	1.77	2.60	2.95	2.24	1.96	4.01	2.21	2.79	3.75	2.33	2.19							
115	4.18	2.06	1.75	1.85	1.90	2.21	2.77	2.36	2.22	2.15	2.05	2.74							
120	2.51	2.08	1.90	1.99	2.06	2.23	2.60	2.46	2.36	2.28	2.20	2.45							
125	2.11	2.09	2.05	2.15	2.22	2.37	2.72	2.58	2.49	2.41	2.33	2.33							
130	2.24	2.22	2.21	2.29	2.38	2.52	2.79	2.70	2.63	2.55	2.47	2.44							
135	2.38	2.36	2.35	2.44	2.52	2.65	2.88	2.80	2.74	2.68	2.60	2.58							
140	2.50	2.49	2.47	2.58	2.61	2.75	2.96	2.90	2.85	2.81	2.72	2.71							
145	2.61	2.61	2.59	2.69	2.72	2.83	3.03	2.99	2.93	2.91	2.82	2.80							
150	2.71	2.69	2.73	2.81	2.87	2.90	3.09	3.06	3.01	2.96	2.92	2.88							
155	2.82	2.80	2.83	2.97	2.93	2.98	3.14	3.10	3.10	3.05	3.01	2.95							
160	2.92	2.92	2.94	3.02	3.02	3.07	3.18	3.14	3.15	3.14	3.08	3.03							
165	3.04	3.04	3.04	3.10	3.10	3.18	3.22	3.20	3.18	3.19	3.13	3.11							
170	3.12	3.12	3.16	3.18	3.20	3.26	3.26	3.27	3.22	3.21	3.19	3.16							
175	3.23	3.26	3.26	3.25	3.29	3.36	3.28	3.32	3.27	3.24	3.27	3.24							
180	3.28	3.31	3.28	3.27	3.30	3.30	3.29	3.31	3.28	3.27	3.30	3.30							

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