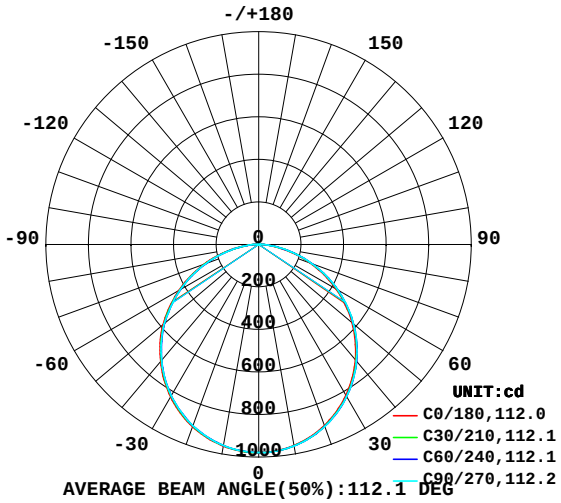
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.80V I:0.1070A P:22.300W PF:0.9370 Freq:50.00Hz Lamp Flux:2812.03x1 lm		
Name: A400 22W 000 4000K	Type: 圆柱形	
MFR.:	DIM.: Φ400*62（mm）	
	SUR.: Φ395（mm）	

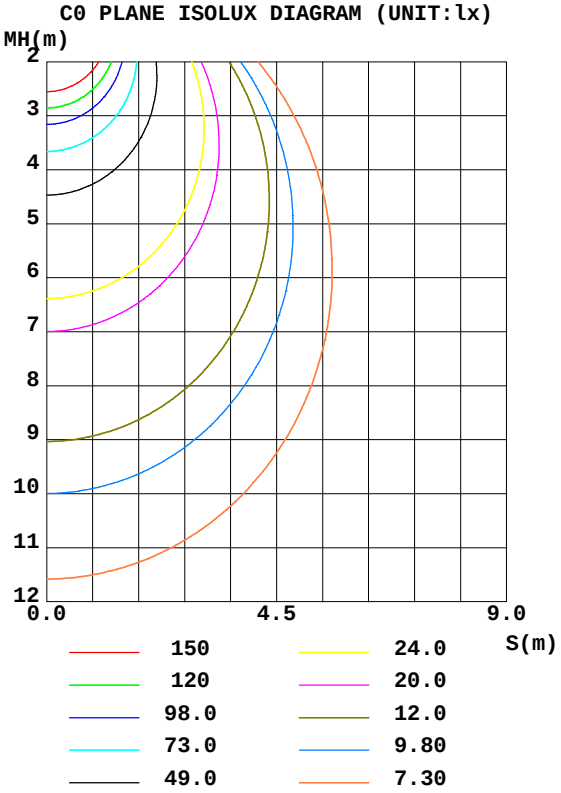
DATA OF LAMP		PHOTOMETRIC DATA Eff: 126.10 lm/W			
MODEL		Imax(cd)	979.1	S/MH(C0/180)	1.26
NOMINAL POWER(W)	22	LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	2812.0	η UP,DN(C0-180)	0.2,49.6
NOMINAL FLUX(lm)	2812.03	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.5,49.7
LAMPS INSIDE	1	η up(%)	0.7	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220	η down(%)	99.3	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):112.1 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-10

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=0.7125]
Remarks: 电源:***AGT-I782G..-0850(600mA),***
PCB:A400-2X12S38P-V9.0,
灯珠:***Lumileds***（亮锐）普通光效灯珠,
0.2W 4000K

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	959.3	961.3	961.6	960.9	962.2	959.8	959.7	959.5	0- 10	92.55	92.55	3.29,3.29
20	905.7	909.4	910.1	908.9	911.1	907.3	906.7	907.1	10- 20	264.8	357.4	12.7,12.7
30	820.1	826.1	826.6	825.5	828.1	823.0	822.2	823.0	20- 30	400.8	758.2	27,27
40	707.7	715.2	715.8	714.8	718.0	711.6	711.1	711.6	30- 40	482.8	1241	44.1,44.1
50	573.4	581.5	582.5	581.6	587.4	579.1	579.6	578.8	40- 50	500.7	1742	61.9,61.9
60	421.5	429.1	431.3	428.6	434.3	427.0	426.3	427.4	50- 60	451.8	2194	78,78
70	259.2	267.6	268.8	267.2	273.7	266.0	264.2	266.5	60- 70	344.3	2538	90.2,90.2
80	104.6	112.2	111.4	112.0	119.5	111.9	111.0	112.2	70- 80	197.7	2736	97.3,97.3
90	4.763	6.083	6.322	6.945	11.24	9.433	9.159	8.848	80- 90	56.13	2792	99.3,99.3
100	1.716	1.730	1.782	2.086	4.398	4.472	4.410	4.206	90-100	4.002	2796	99.4,99.4
110	1.782	1.782	1.786	2.122	4.317	4.390	4.331	4.135	100-110	3.271	2799	99.5,99.5
120	1.927	1.924	1.922	2.244	4.338	4.402	4.349	4.152	110-120	3.097	2802	99.6,99.6
130	2.066	2.064	2.062	2.356	4.307	4.375	4.314	4.131	120-130	2.868	2805	99.7,99.7
140	2.167	2.154	2.154	2.417	4.166	4.234	4.170	4.003	130-140	2.485	2807	99.8,99.8
150	2.275	2.270	2.277	2.497	3.945	3.981	3.958	3.808	140-150	1.986	2809	99.9,99.9
160	2.533	2.566	2.536	2.697	3.706	3.709	3.675	3.589	150-160	1.447	2811	100,100
170	2.871	2.852	2.849	2.942	3.439	3.484	3.426	3.395	160-170	0.8915	2812	100,100
180	3.113	3.104	3.093	3.112	3.109	3.105	3.092	3.115	170-180	0.3007	2812	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:2023-11-10

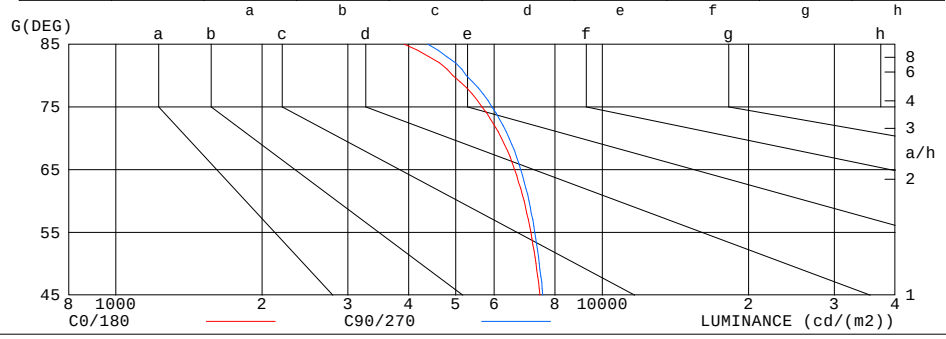
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7125]
Remarks: 电源:AGT-I782G..-0850(600mA),
PCB:A400-2X12S38P-V9.0,
灯珠:Lumileds（亮锐）普通光效灯珠,
0.2W 4000K

LUMINANCE LIMITATION CURVES

Test:U:220.80V I:0.1070A P:22.300W PF:0.9370 Freq:50.00Hz Lamp Flux:2812.03x1 lm		
Name: A400 22W 000 4000K	Type: 圆柱形	
MFR.:	DIM.: Φ400*62（mm）	
	SUR.: Φ395（mm）	

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	3917	4386
80	4935	5258
75	5660	5930
70	6212	6441
65	6610	6805
60	6910	7070
55	7135	7274
50	7312	7428
45	7445	7546

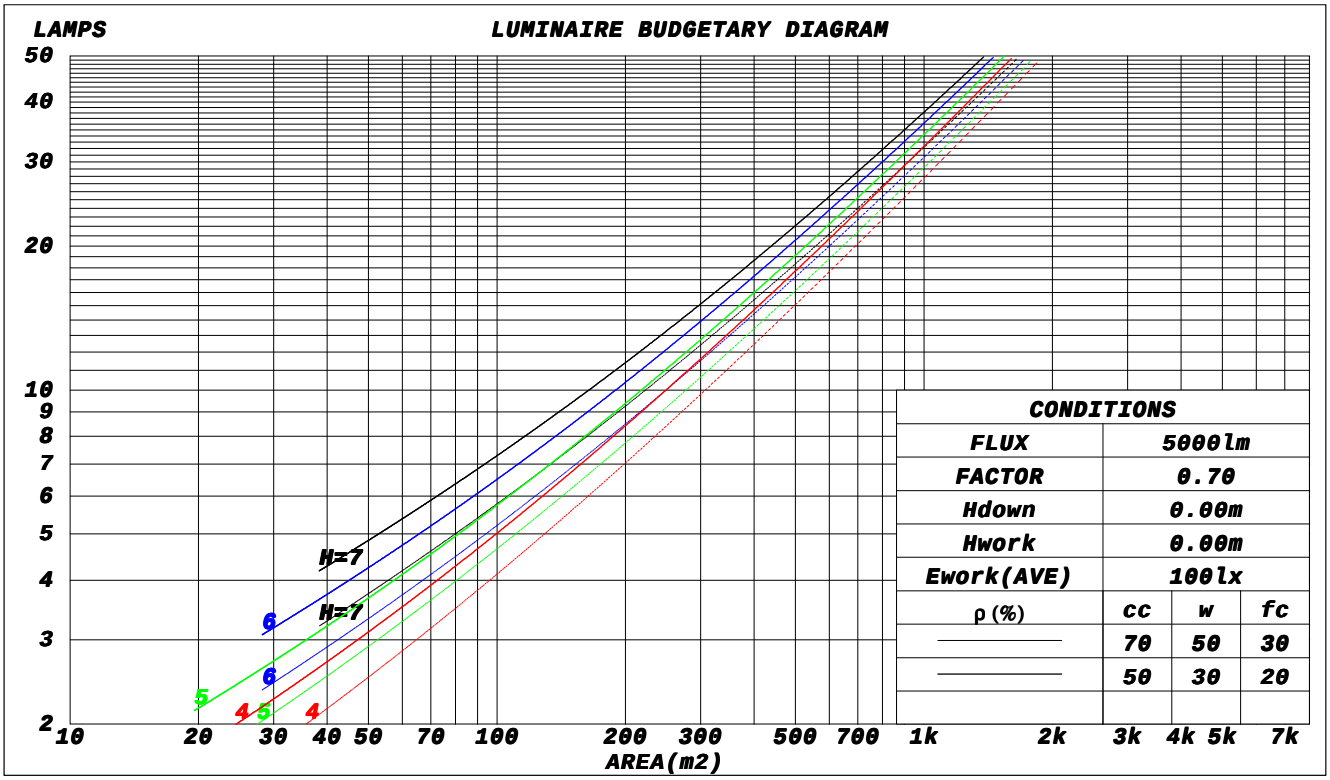
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-10

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=0.7125]
Remarks: 电源:***AGT-I782G..-0850(600mA),***
PCB:A400-2X12S38P-V9.0,
灯珠:***Lumileds***（亮锐）普通光效灯珠,
0.2W 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.80V I:0.1070A P:22.300W PF:0.9370 Freq:50.00Hz Lamp Flux:2812.03x1 lm		
Name: A400 22W 000 4000K	Type: 圆柱形	
MFR.:	DIM.: Φ400*62（mm）	
	SUR.: Φ395（mm）	

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	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.04	.99	.95	1.01	.97	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.78	.88	.82	.77	.85	.79	.75	.81	.77	.73	.78	.74	.71	.69
3.0	.79	.71	.64	.77	.70	.64	.74	.68	.62	.72	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.64	.57	.52	.61	.56	.52	.49
5.0	.63	.53	.47	.61	.53	.47	.59	.52	.46	.57	.51	.45	.55	.49	.45	.43
6.0	.56	.47	.41	.55	.47	.41	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.47	.40	.35	.46	.40	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.29	.40	.33	.28	.39	.33	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-10

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=0.7125]
Remarks: 电源:AGT-I782G..-0850(600mA),
PCB:A400-2X12S38P-V9.0,
灯珠:Lumileds（亮锐）普通光效灯珠,
0.2W 4000K

WEC AND CCEC

Test:U:220.80V I:0.1070A P:22.300W PF:0.9370 Freq:50.00Hz Lamp Flux:2812.03x1 lm		
Name: A400 22W 000 4000K	Type: 圆柱形	
MFR.:	DIM.: Φ400*62（mm）	
	SUR.: Φ395（mm）	

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						Wall Exitance Coeffcients(WEC)									
0.0																
1.0	.311	.177	.056	.304	.173	.055	.290	.166	.053	.278	.160	.051	.266	.154	.050	
2.0	.292	.160	.049	.286	.157	.049	.274	.152	.047	.263	.147	.046	.252	.143	.045	
3.0	.270	.144	.043	.265	.142	.043	.254	.138	.042	.244	.134	.041	.235	.130	.040	
4.0	.249	.130	.038	.244	.128	.038	.235	.125	.037	.226	.121	.037	.218	.118	.036	
5.0	.230	.117	.034	.226	.116	.034	.218	.113	.033	.210	.111	.033	.202	.108	.032	
6.0	.214	.107	.031	.210	.106	.030	.202	.104	.030	.195	.101	.030	.189	.099	.029	
7.0	.199	.098	.028	.195	.097	.028	.189	.095	.027	.182	.093	.027	.176	.092	.027	
8.0	.186	.091	.026	.183	.090	.025	.176	.088	.025	.171	.087	.025	.165	.085	.025	
9.0	.174	.084	.024	.171	.083	.023	.166	.082	.023	.161	.080	.023	.156	.079	.023	
10.0	.164	.078	.022	.161	.078	.022	.156	.076	.022	.151	.075	.021	.147	.074	.021	

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.196	.196	.196	.168	.168	.168	.114	.114	.114	.066	.066	.066	.021	.021	.021	
1.0	.186	.162	.140	.159	.139	.120	.109	.095	.083	.063	.055	.048	.020	.018	.016	
2.0	.178	.138	.104	.152	.118	.090	.104	.082	.062	.060	.048	.037	.019	.015	.012	
3.0	.170	.120	.080	.146	.103	.069	.100	.072	.049	.058	.042	.029	.019	.014	.009	
4.0	.163	.107	.064	.139	.092	.056	.096	.064	.039	.055	.038	.023	.018	.012	.008	
5.0	.155	.096	.053	.133	.083	.046	.092	.058	.032	.053	.034	.019	.017	.011	.006	
6.0	.148	.088	.045	.127	.076	.039	.088	.053	.028	.051	.031	.016	.016	.010	.005	
7.0	.141	.081	.039	.121	.070	.034	.084	.049	.024	.049	.029	.014	.016	.009	.005	
8.0	.135	.075	.034	.116	.065	.030	.080	.046	.021	.047	.027	.013	.015	.009	.004	
9.0	.129	.070	.031	.111	.061	.027	.077	.043	.019	.045	.025	.011	.014	.008	.004	
10.0	.123	.066	.028	.106	.057	.025	.073	.040	.017	.043	.024	.010	.014	.008	.003	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-10

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=0.7125]
Remarks: 电源:AGT-I782G..-0850(600mA),
PCB:A400-2X12S38P-V9.0,
灯珠:Lumileds（亮锐）普通光效灯珠,
0.2W 4000K

UGR(Unified Glare Rating) Table

Test:U:220.80V I:0.1070A P:22.300W PF:0.9370 Freq:50.00Hz Lamp Flux:2812.03x1 lm		
Name: A400 22W 000 4000K	Type: 圆柱形	
MFR.:	DIM.: Φ400*62（mm）	
	SUR.: Φ395（mm）	

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	18.9	20.6	19.3	20.9	21.2	19.0	20.6	19.4	21.0	21.3
3H	20.7	22.2	21.1	22.5	22.9	20.8	22.3	21.2	22.6	23.0
4H	21.4	22.8	21.8	23.1	23.5	21.5	22.9	21.9	23.2	23.6
6H	21.8	23.1	22.3	23.5	23.9	22.0	23.3	22.4	23.6	24.0
8H	22.0	23.2	22.4	23.6	24.0	22.1	23.4	22.6	23.8	24.2
12H	22.1	23.2	22.5	23.6	24.1	22.2	23.4	22.7	23.8	24.2
4H 2H	19.6	21.0	20.0	21.3	21.7	19.6	21.0	20.0	21.4	21.8
3H	21.6	22.8	22.0	23.2	23.6	21.7	22.8	22.1	23.2	23.7
4H	22.4	23.4	22.8	23.9	24.3	22.5	23.5	22.9	23.9	24.4
6H	23.0	23.9	23.4	24.3	24.8	23.1	24.0	23.5	24.4	24.9
8H	23.2	24.0	23.6	24.5	25.0	23.3	24.1	23.7	24.6	25.1
12H	23.3	24.1	23.8	24.5	25.0	23.4	24.2	23.9	24.7	25.2
8H 4H	22.7	23.6	23.2	24.0	24.5	22.8	23.6	23.2	24.1	24.6
6H	23.4	24.1	23.9	24.6	25.1	23.5	24.2	24.0	24.7	25.2
8H	23.7	24.3	24.2	24.8	25.3	23.8	24.4	24.3	24.9	25.4
12H	23.9	24.4	24.4	24.9	25.5	24.0	24.5	24.5	25.0	25.6
12H 4H	22.7	23.5	23.2	24.0	24.5	22.8	23.6	23.3	24.1	24.6
6H	23.5	24.1	24.0	24.6	25.2	23.6	24.2	24.1	24.7	25.2
8H	23.8	24.4	24.3	24.9	25.4	23.9	24.4	24.4	25.0	25.5
CIE190: 2010										

CIE190: 2010
Area: 0.122 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-10

γ Range: 0 - 180DEG
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Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7125]
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PCB:A400-2X12S38P-V9.0,
灯珠:Lumileds（亮锐）普通光效灯珠,
0.2W 4000K

UTILIZATION FACTORS TABLE

Test:U:220.80V I:0.1070A P:22.300W PF:0.9370 Freq:50.00Hz Lamp Flux:2812.03x1 lm		
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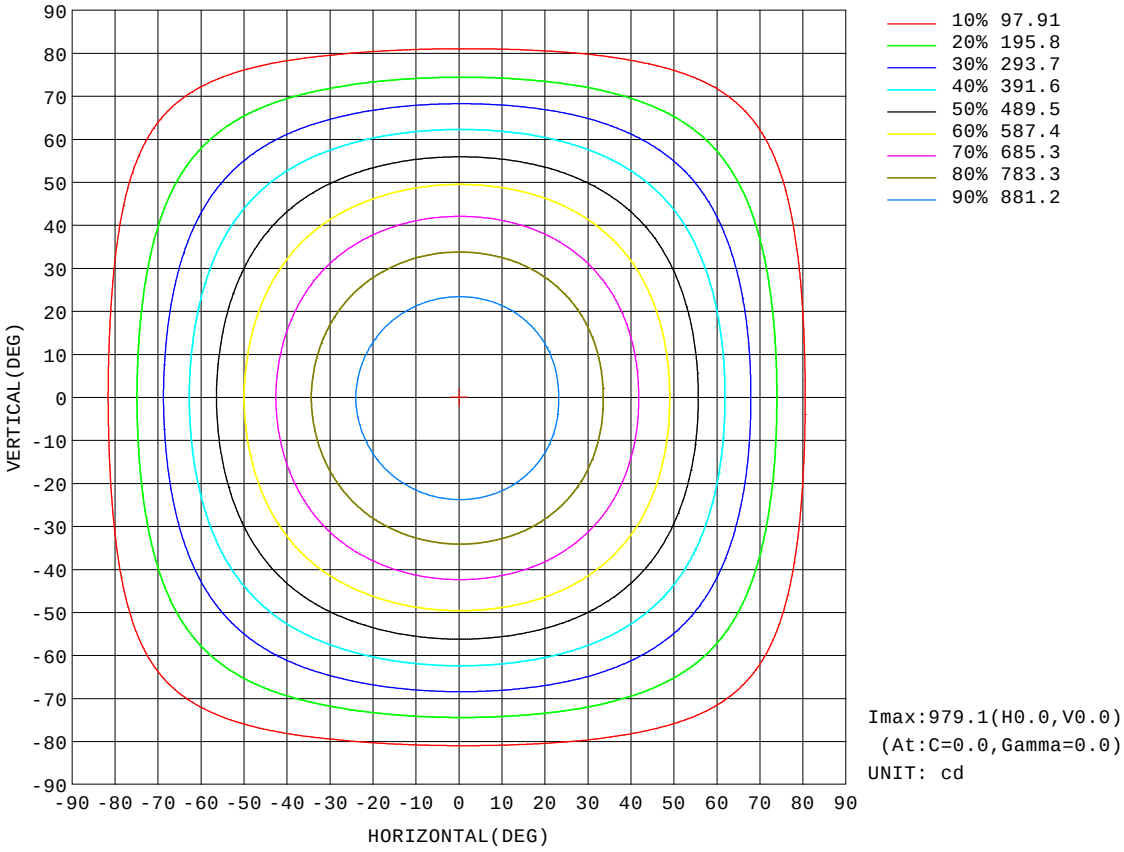
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	57	46	39	56	45	38	55	45	38	32
0.80	67	56	48	66	55	48	64	54	48	41
1.00	76	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	65	78	70	64	56
1.50	88	78	71	86	77	70	83	75	69	61
2.00	95	86	79	93	85	79	89	82	77	69
2.50	99	91	85	96	89	84	93	87	82	73
3.00	102	95	89	100	93	88	96	90	86	77
4.00	106	100	95	104	98	94	99	95	91	82
5.00	108	103	99	106	101	98	101	98	95	85
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:2023-11-10

γ Range: 0 - 180DEG
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PCB:A400-2X12S38P-V9.0,
灯珠:Lumileds（亮锐）普通光效灯珠,
0.2W 4000K

ISOCANDELA DIAGRAM

Test:U:220.80V I:0.1070A P:22.300W PF:0.9370 Freq:50.00Hz Lamp Flux:2812.03x1 lm		
Name: A400 22W 000 4000K	Type: 圆柱形	
MFR.:	DIM.: Φ400*62（mm）	
	SUR.: Φ395（mm）	



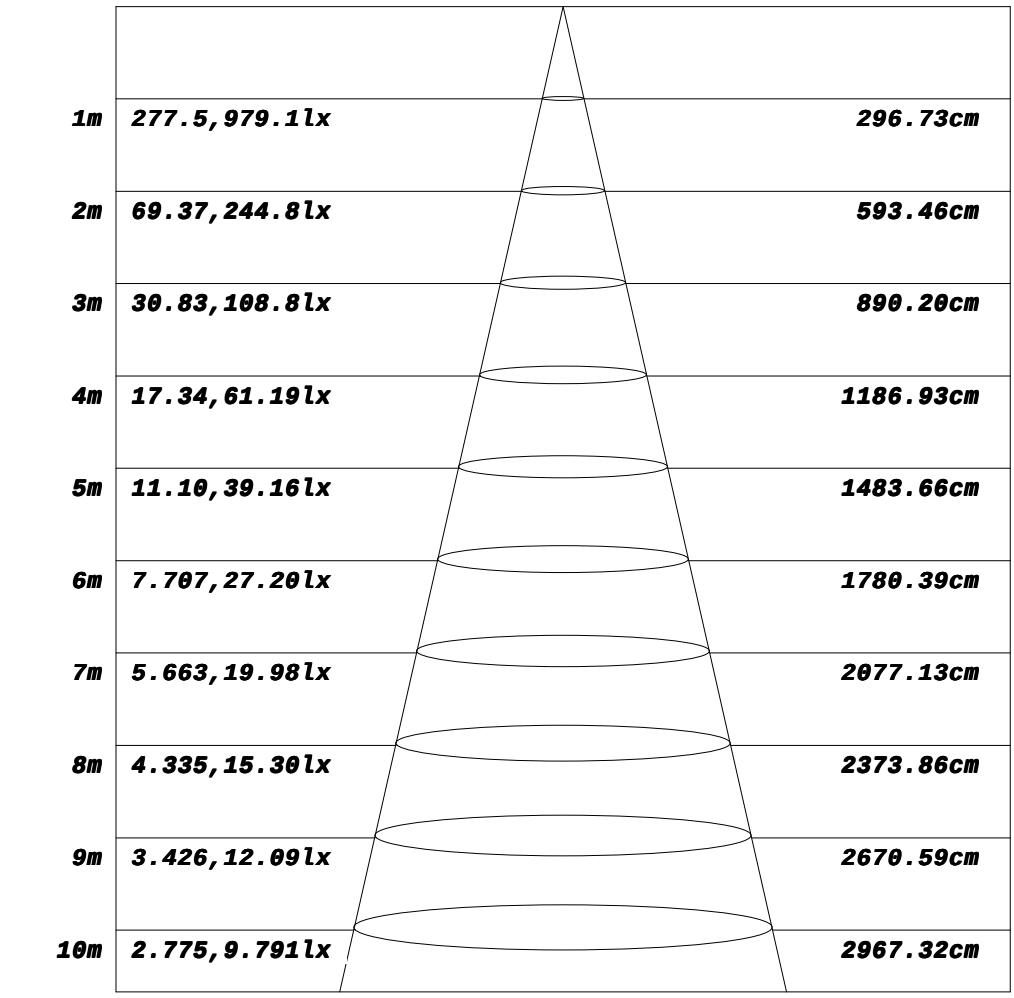
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-10

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=0.7125]
Remarks: 电源:***AGT-I782G..-0850(600mA),***
PCB:A400-2X12S38P-V9.0,
灯珠:***Lumileds***（亮锐）普通光效灯珠,
0.2W 4000K

AAI Figure

Test:U:220.80V I:0.1070A P:22.300W PF:0.9370 Freq:50.00Hz Lamp Flux:2812.03x1 lm		
Name: A400 22W 000 4000K	Type: 圆柱形	
MFR.:	DIM.: Φ400*62（mm）	
	SUR.: Φ395（mm）	

Flux out:2067 lm



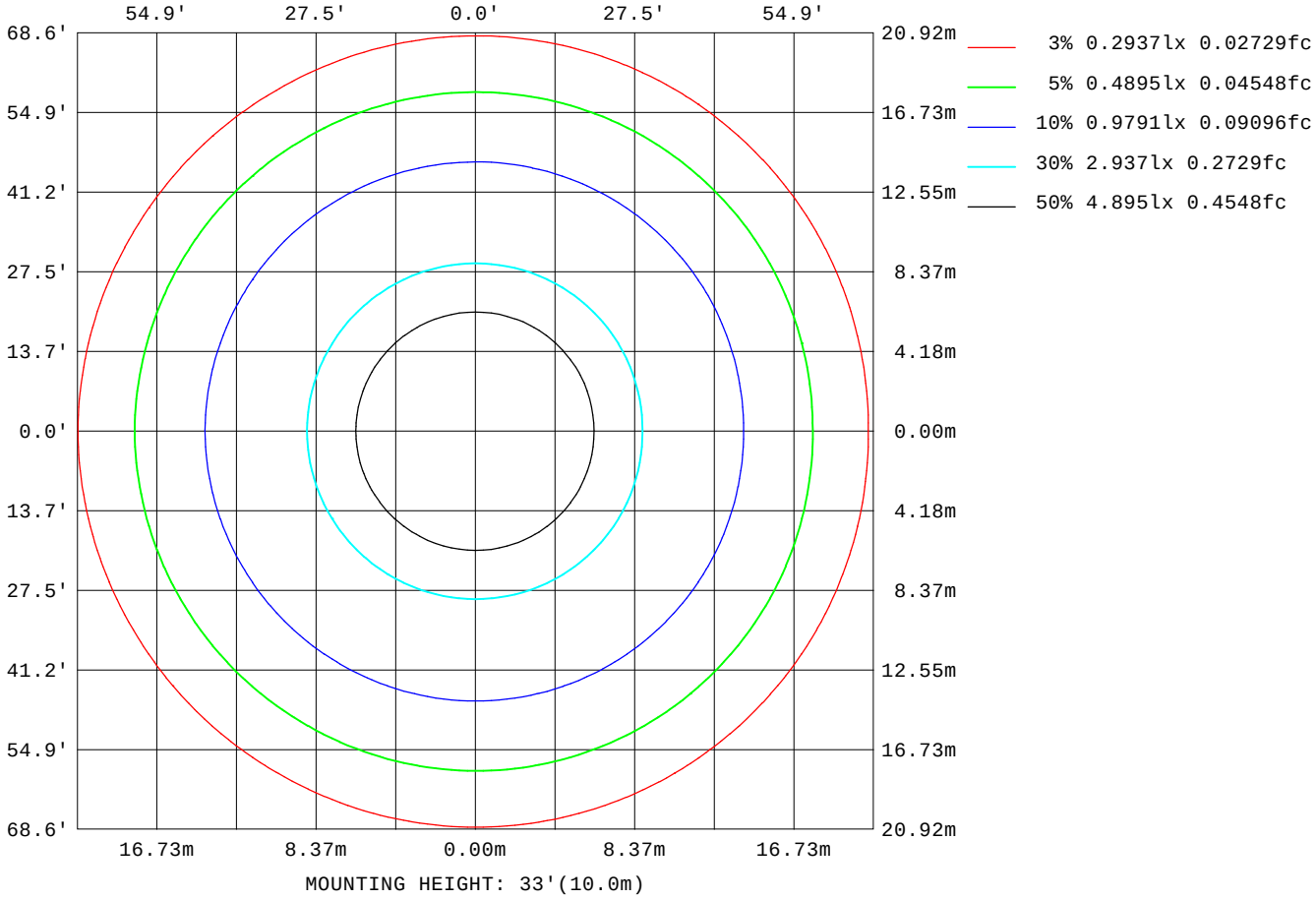
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-10

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=0.7125]
Remarks: 电源***:AGT-I782G..-0850(600mA),***
PCB:A400-2X12S38P-V9.0,
灯珠***:Lumileds***（亮锐）普通光效灯珠,
0.2W 4000K

ISOLUX DIAGRAM

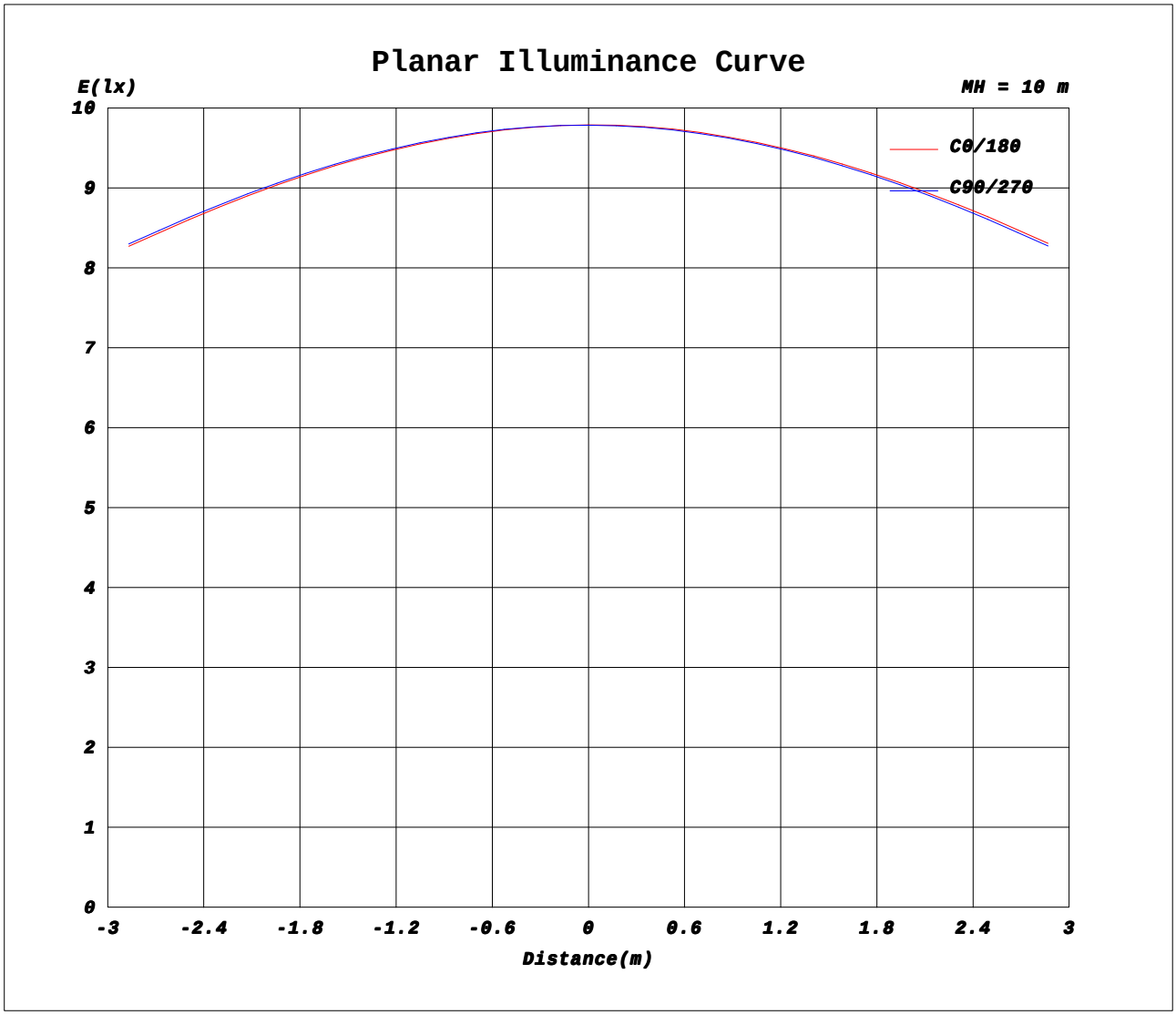
Test:U:220.80V I:0.1070A P:22.300W PF:0.9370 Freq:50.00Hz Lamp Flux:2812.03x1 lm		
Name: A400 22W 000 4000K	Type: 圆柱形	
MFR.:	DIM.: Φ400*62（mm）	
	SUR.: Φ395（mm）	



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-10

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
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Remarks: 电源:***AGT-I782G..-0850(600mA),***
PCB:A400-2X12S38P-V9.0,
灯珠:***Lumileds***（亮锐）普通光效灯珠,
0.2W 4000K

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-10

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=0.7125]
Remarks: 电源:AGT-I782G..-0850(600mA),
PCB:A400-2X12S38P-V9.0,
灯珠:Lumileds（亮锐）普通光效灯珠,
0.2W 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.80V I:0.1070A P:22.300W PF:0.9370 Freq:50.00Hz Lamp Flux:2812.03x1 lm		
Name: A400 22W 000 4000K	Type: 圆柱形	
MFR.:	DIM.: Φ400*62（mm）	
	SUR.: Φ395（mm）	

Table--1 UNIT: cd

γ (DEG) \ C(DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0	979	979	979	979	978	979	979	979	979	979	978	979
5	973	974	975	974	974	974	975	974	973	974	973	973
10	959	961	962	962	961	961	962	960	959	960	960	959
15	937	939	940	940	939	939	941	938	937	937	937	937
20	906	909	910	910	909	909	911	908	906	907	907	907
25	867	870	872	872	870	871	873	870	867	868	868	868
30	820	825	827	827	825	826	828	824	822	822	823	823
35	767	773	775	774	773	774	776	772	769	769	771	770
40	708	714	716	716	714	715	718	713	710	711	712	711
45	642	650	652	651	650	652	655	650	646	648	649	647
50	573	580	583	583	580	583	587	581	577	580	580	578
55	499	505	508	509	506	507	511	506	503	503	505	504
60	421	428	431	431	428	429	434	429	425	426	428	427
65	341	347	351	351	348	350	355	349	346	347	349	347
70	259	266	269	269	266	268	274	268	264	264	267	266
75	179	186	188	187	185	188	194	188	184	186	187	185
80	105	111	113	111	110	114	120	114	110	111	113	111
85	41.6	46.3	47.6	46.6	45.5	48.7	54.0	49.4	47.0	48.8	49.3	47.2
90	4.76	5.85	6.32	6.32	5.95	7.94	11.2	9.96	8.91	9.16	9.47	8.22
95	1.72	1.84	1.97	2.06	1.77	2.73	4.59	4.77	4.60	4.50	4.66	3.88
100	1.72	1.72	1.74	1.78	1.59	2.58	4.40	4.54	4.41	4.41	4.59	3.82
105	1.74	1.75	1.75	1.75	1.60	2.59	4.35	4.49	4.36	4.37	4.54	3.79
110	1.78	1.78	1.78	1.79	1.64	2.61	4.32	4.45	4.33	4.33	4.50	3.77
115	1.85	1.85	1.85	1.85	1.70	2.65	4.32	4.44	4.32	4.33	4.48	3.78
120	1.93	1.93	1.92	1.92	1.78	2.71	4.34	4.46	4.35	4.35	4.50	3.81
125	2.00	2.00	2.00	2.00	1.86	2.75	4.34	4.46	4.35	4.34	4.49	3.82
130	2.07	2.06	2.06	2.06	1.93	2.79	4.31	4.43	4.32	4.31	4.45	3.81
135	2.12	2.11	2.11	2.11	1.98	2.80	4.25	4.37	4.27	4.26	4.38	3.78
140	2.17	2.16	2.15	2.15	2.03	2.80	4.17	4.28	4.18	4.17	4.29	3.72
145	2.22	2.19	2.19	2.20	2.09	2.80	4.07	4.17	4.08	4.08	4.18	3.65
150	2.27	2.27	2.27	2.28	2.18	2.82	3.95	4.02	3.94	3.96	4.05	3.57
155	2.39	2.41	2.41	2.40	2.31	2.86	3.82	3.87	3.81	3.84	3.90	3.49
160	2.53	2.57	2.56	2.54	2.47	2.92	3.71	3.74	3.67	3.67	3.75	3.43
165	2.70	2.69	2.69	2.70	2.65	2.99	3.57	3.63	3.58	3.55	3.61	3.37
170	2.87	2.86	2.85	2.85	2.83	3.05	3.44	3.50	3.47	3.43	3.47	3.32
175	2.99	2.99	2.99	2.99	2.99	3.10	3.28	3.30	3.28	3.26	3.29	3.22
180	3.11	3.11	3.10	3.09	3.11	3.12	3.11	3.11	3.10	3.09	3.11	3.12

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