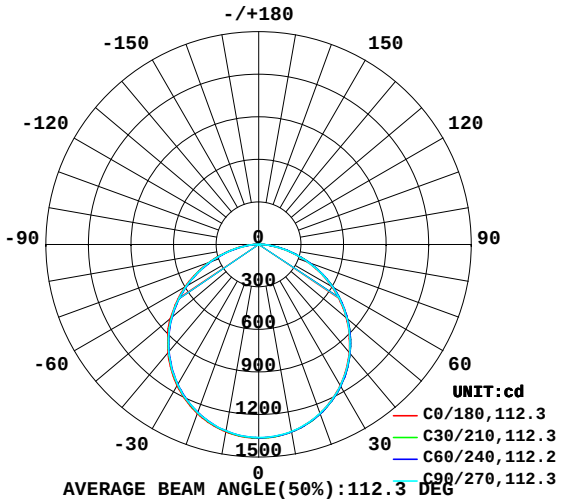
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.80V I:0.1470A P:31.500W PF:0.9680 Freq:50.00Hz Lamp Flux:3918.05x1 lm		
Name: A400 32W 000 4000K	Type: 圆柱形	
MFR.:	DIM.: Φ400*62（mm）	
	SUR.: Φ395（mm）	

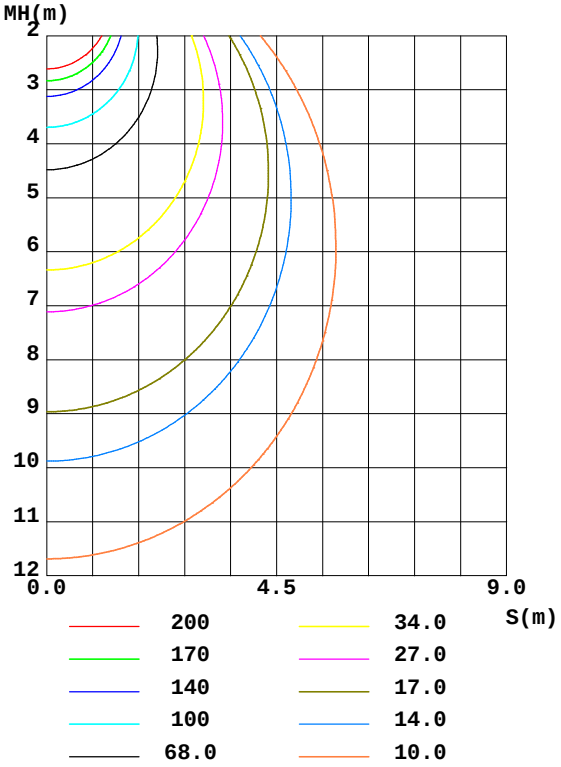
DATA OF LAMP		PHOTOMETRIC DATA Eff: 124.38 lm/W			
MODEL		Imax(cd)	1366	S/MH(C0/180)	1.25
NOMINAL POWER(W)	32	LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	3918.0	η UP,DN(C0-180)	0.2,49.8
NOMINAL FLUX(lm)	3918.05	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.5,49.5
LAMPS INSIDE	1	η up(%)	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%):112.3 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(850mA),***
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:

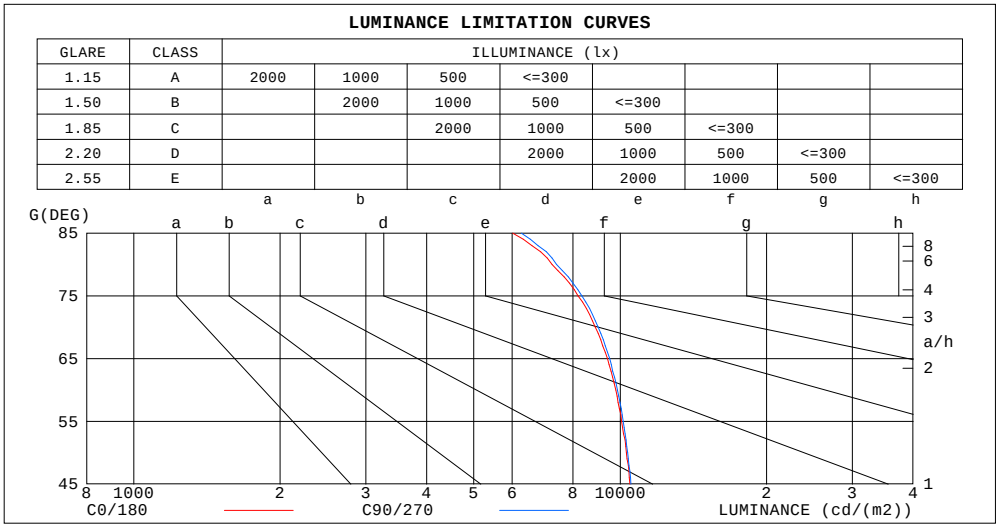
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1341	1342	1339	1336	1341	1336	1335	1336	0- 10	128.9	128.9	3.29,3.29
20	1268	1271	1267	1262	1268	1261	1260	1263	10- 20	368.8	497.8	12.7,12.7
30	1150	1156	1152	1145	1151	1142	1142	1147	20- 30	558.2	1056	27,27
40	994.8	1003	997.9	990.8	996.2	986.3	987.8	993.2	30- 40	672.3	1728	44.1,44.1
50	807.6	817.7	813.0	804.3	813.3	800.2	803.6	808.6	40- 50	697.4	2426	61.9,61.9
60	597.7	608.0	602.1	592.8	600.7	588.2	591.7	598.7	50- 60	629.9	3056	78,78
70	370.9	381.6	376.0	367.0	376.2	363.7	366.9	375.4	60- 70	479.7	3535	90.2,90.2
80	153.5	163.2	156.8	152.1	161.0	149.7	152.7	160.1	70- 80	275.8	3811	97.3,97.3
90	8.275	10.21	9.736	8.981	13.78	11.51	11.98	13.14	80- 90	78.34	3889	99.3,99.3
100	2.442	2.499	2.494	2.952	6.211	6.283	6.191	5.897	90-100	5.627	3895	99.4,99.4
110	2.526	2.532	2.532	3.006	6.085	6.170	6.082	5.798	100-110	4.608	3900	99.5,99.5
120	2.723	2.717	2.723	3.175	6.113	6.192	6.100	5.827	110-120	4.360	3904	99.6,99.6
130	2.917	2.911	2.915	3.335	6.074	6.133	6.045	5.792	120-130	4.036	3908	99.7,99.7
140	3.047	3.034	3.046	3.416	5.888	5.932	5.863	5.619	130-140	3.496	3912	99.8,99.8
150	3.207	3.204	3.217	3.526	5.538	5.604	5.570	5.364	140-150	2.793	3914	99.9,99.9
160	3.600	3.568	3.585	3.808	5.199	5.201	5.223	5.058	150-160	2.037	3916	100,100
170	3.999	3.999	4.015	4.152	4.857	4.843	4.844	4.781	160-170	1.251	3918	100,100
180	4.359	4.386	4.393	4.424	4.375	4.384	4.403	4.426	170-180	0.4237	3918	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(850mA),
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:0.1470A P:31.500W PF:0.9680 Freq:50.00Hz Lamp Flux:3918.05x1 lm		
Name: A400 32W 000 4000K	Type: 圆柱形	
MFR.:	DIM.: Φ400*62（mm）	
	SUR.: Φ395（mm）	



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	6015	6268
80	7244	7402
75	8199	8341
70	8890	9011
65	9415	9513
60	9798	9871
55	10073	10144
50	10298	10368
45	10474	10523

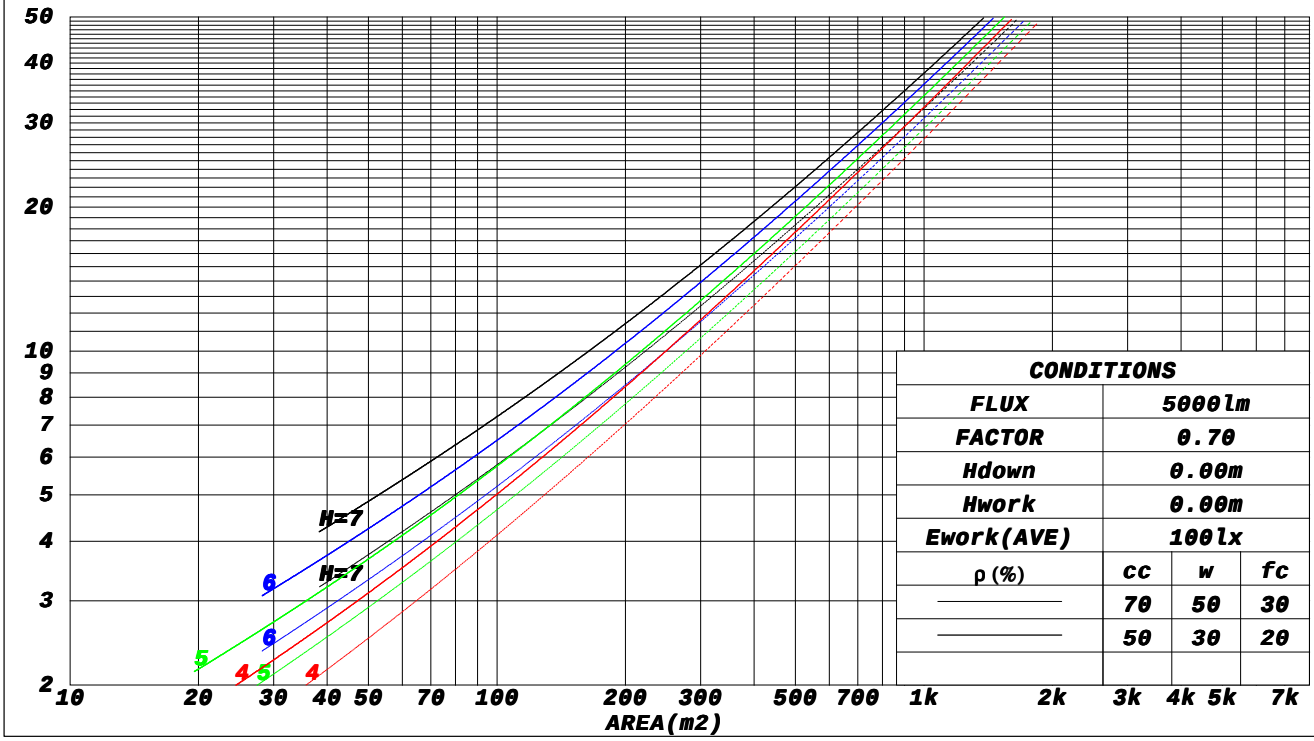
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
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Test Date:2023-11-10

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(850mA),***
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:0.1470A P:31.500W PF:0.9680 Freq:50.00Hz Lamp Flux:3918.05x1 lm		
Name: A400 32W 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	.46	.59	.52	.46	.57	.50	.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(850mA),
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:0.1470A P:31.500W PF:0.9680 Freq:50.00Hz Lamp Flux:3918.05x1 lm		
Name: A400 32W 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	.167	.053	.278	.160	.051	.266	.154	.050	
2.0	.292	.160	.049	.286	.158	.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	.231	.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	.104	.069	.100	.072	.049	.058	.042	.029	.019	.014	.009	
4.0	.163	.107	.064	.140	.092	.056	.096	.064	.039	.056	.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	.010	.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	.074	.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(850mA),
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:0.1470A P:31.500W PF:0.9680 Freq:50.00Hz Lamp Flux:3918.05x1 lm		
Name: A400 32W 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	20.2	21.8	20.6	22.2	22.5	20.1	21.8	20.5	22.1	22.4
	3H	22.0	23.5	22.4	23.8	24.2	21.9	23.4	22.3	23.8	24.1
	4H	22.7	24.1	23.1	24.4	24.8	22.6	24.0	23.0	24.4	24.8
	6H	23.2	24.5	23.6	24.8	25.3	23.1	24.4	23.5	24.8	25.2
	8H	23.3	24.6	23.8	25.0	25.4	23.3	24.5	23.7	24.9	25.3
	12H	23.4	24.6	23.9	25.0	25.4	23.4	24.6	23.8	25.0	25.4
4H	2H	20.9	22.3	21.3	22.6	23.0	20.7	22.1	21.2	22.5	22.9
	3H	22.9	24.1	23.3	24.5	24.9	22.8	23.9	23.2	24.4	24.8
	4H	23.7	24.8	24.2	25.2	25.6	23.6	24.6	24.0	25.1	25.5
	6H	24.3	25.2	24.8	25.7	26.2	24.2	25.1	24.7	25.6	26.0
	8H	24.5	25.4	25.0	25.8	26.3	24.4	25.3	24.9	25.7	26.2
	12H	24.7	25.4	25.2	25.9	26.4	24.5	25.3	25.0	25.8	26.3
8H	4H	24.0	24.9	24.5	25.4	25.8	23.9	24.7	24.4	25.2	25.7
	6H	24.8	25.5	25.3	26.0	26.5	24.6	25.3	25.1	25.8	26.3
	8H	25.1	25.7	25.6	26.2	26.7	24.9	25.5	25.4	26.0	26.5
	12H	25.3	25.8	25.8	26.3	26.9	25.1	25.7	25.6	26.2	26.7
12H	4H	24.1	24.9	24.6	25.3	25.8	23.9	24.7	24.4	25.2	25.7
	6H	24.9	25.5	25.4	26.0	26.5	24.7	25.3	25.2	25.8	26.3
	8H	25.2	25.8	25.7	26.3	26.8	25.0	25.6	25.5	26.1	26.6
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
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(850mA),
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:0.1470A P:31.500W PF:0.9680 Freq:50.00Hz Lamp Flux:3918.05x1 lm		
Name: A400 32W 000 4000K	Type: 圆柱形	
MFR.:	DIM.: Φ400*62（mm）	
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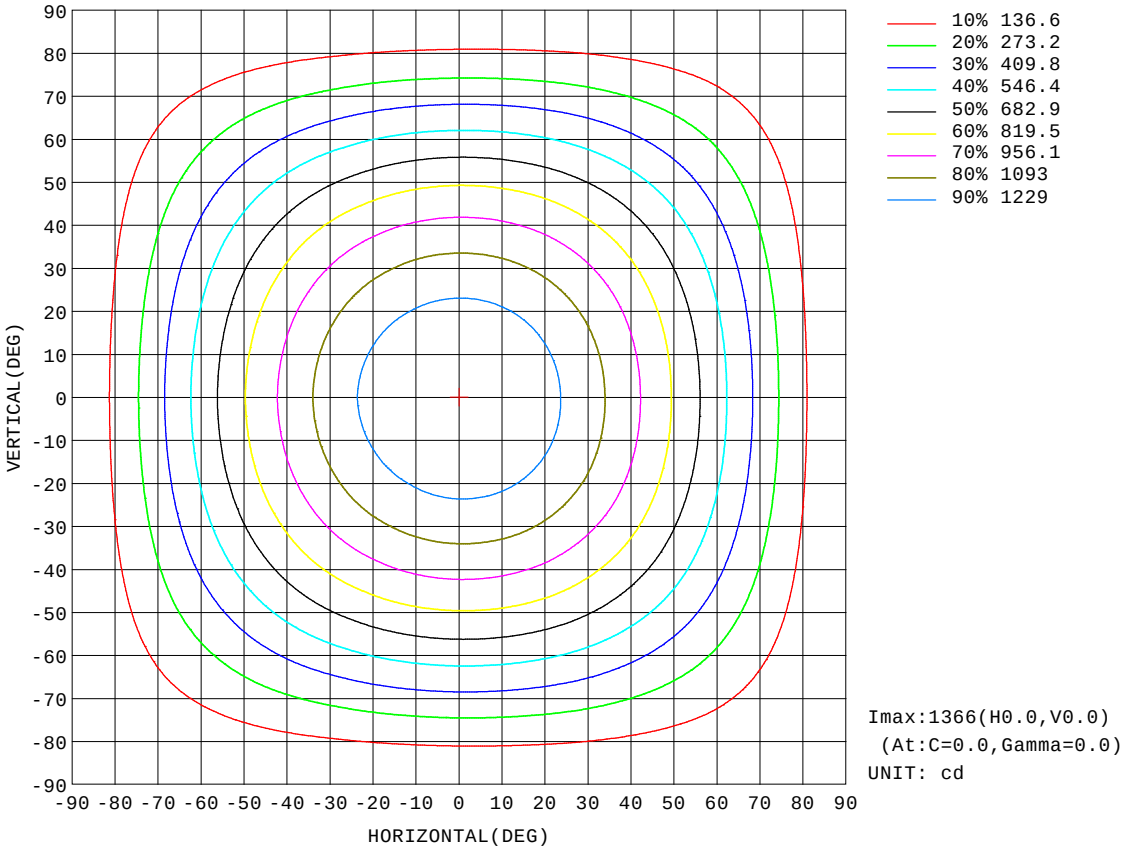
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	57	46	39	56	45	38	55	45	38	32
0.80	67	56	48	66	55	48	64	54	48	41
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	92	87	82	73
3.00	102	95	89	100	93	88	96	90	86	77
4.00	106	100	95	103	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
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(850mA),
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:0.1470A P:31.500W PF:0.9680 Freq:50.00Hz Lamp Flux:3918.05x1 lm		
Name: A400 32W 000 4000K	Type: 圆柱形	
MFR.:	DIM.: Φ400*62（mm）	
	SUR.: Φ395（mm）	

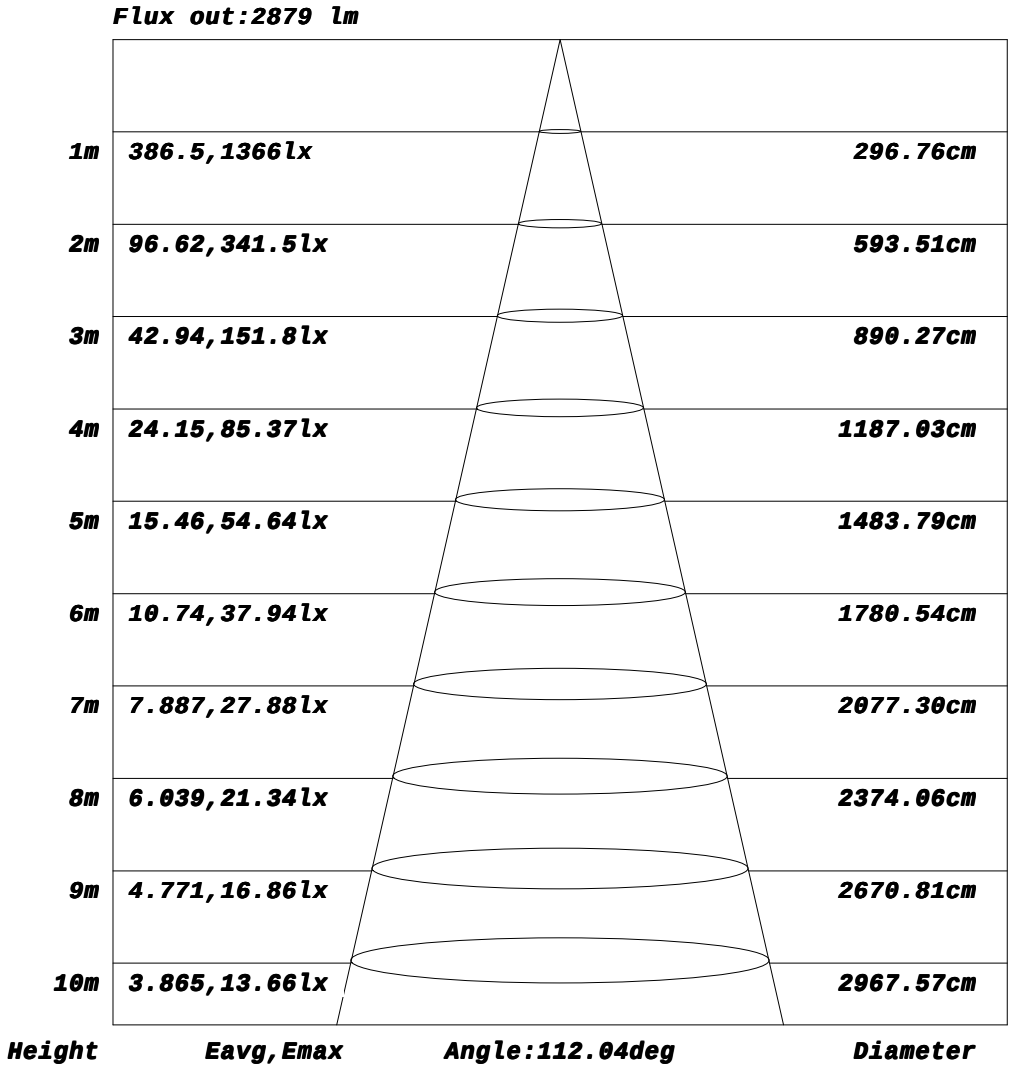


C Range: 0 - 360DEG
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γ Range: 0 - 180DEG
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Humidity:65.0%
Test Distance:8.000m [K=0.7125]
Remarks: 电源:***AGT-I782G..-0850(850mA),***
PCB:A400-2X12S38P-V9.0,
灯珠:***Lumileds***（亮锐）普通光效灯珠,
0.2W 4000K

AAI Figure

Test:U:220.80V I:0.1470A P:31.500W PF:0.9680 Freq:50.00Hz Lamp Flux:3918.05x1 lm		
Name: A400 32W 000 4000K	Type: 圆柱形	
MFR.:	DIM.: Φ400*62（mm）	
	SUR.: Φ395（mm）	



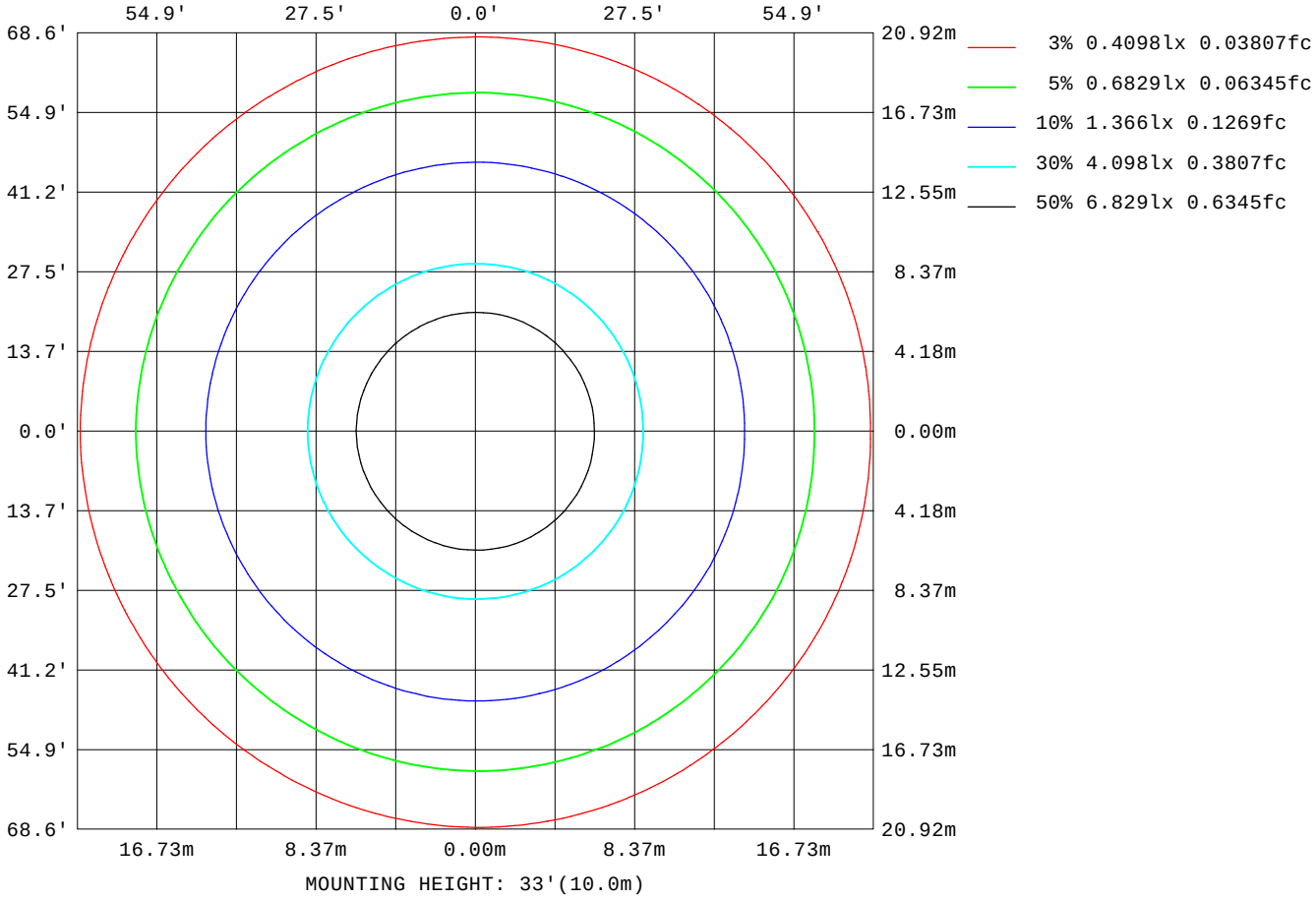
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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(850mA),
PCB:A400-2X12S38P-V9.0,
灯珠:Lumileds（亮锐）普通光效灯珠,
0.2W 4000K

ISOLUX DIAGRAM

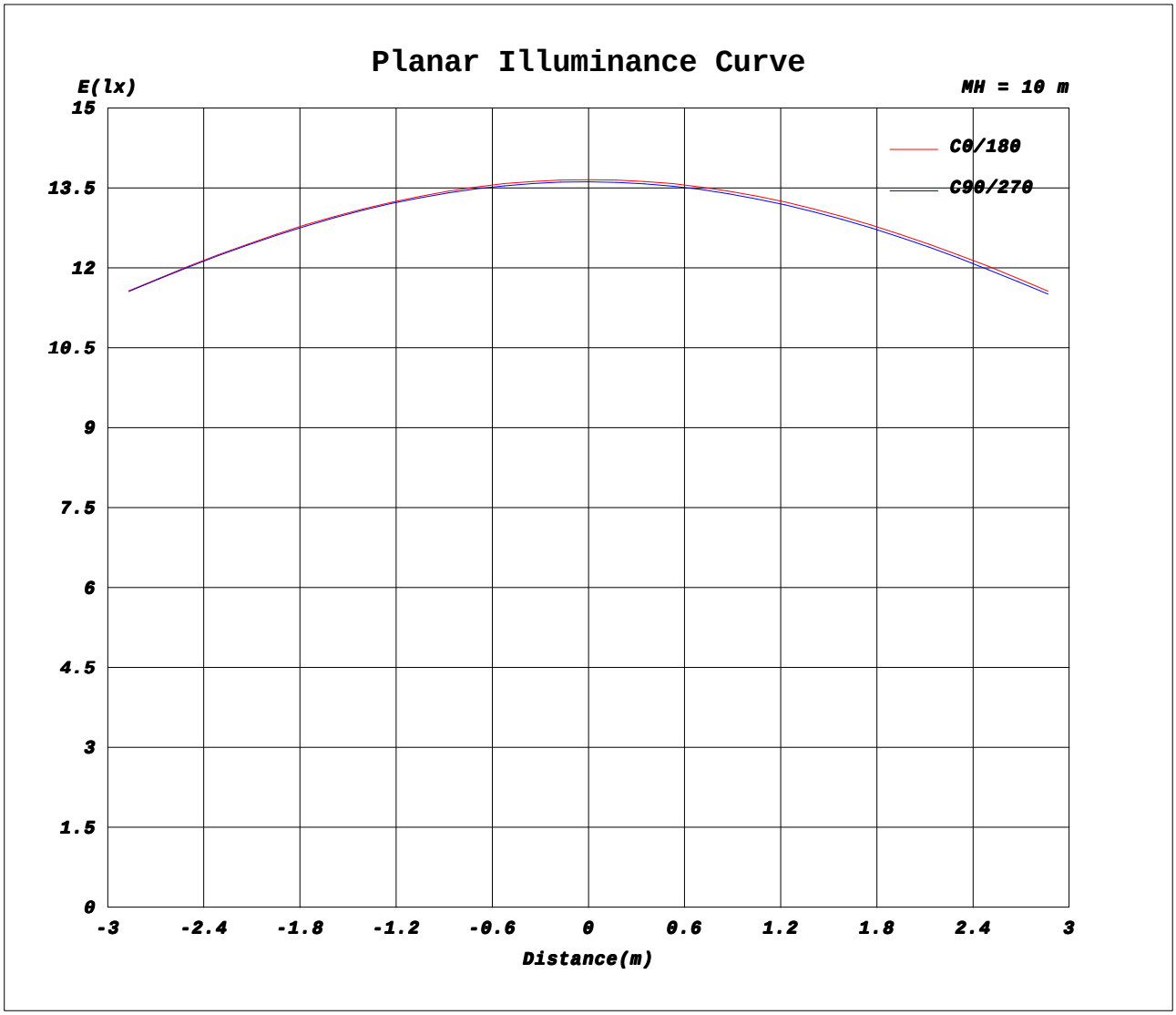
Test:U:220.80V I:0.1470A P:31.500W PF:0.9680 Freq:50.00Hz Lamp Flux:3918.05x1 lm		
Name: A400 32W 000 4000K	Type: 圆柱形	
MFR.:	DIM.: Φ400*62（mm）	
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C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-10

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(850mA),***
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(850mA),
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:0.1470A P:31.500W PF:0.9680 Freq:50.00Hz Lamp Flux:3918.05x1 lm		
Name: A400 32W 000 4000K	Type: 圆柱形	
MFR.:	DIM.: Φ400*62（mm）	
	SUR.: Φ395（mm）	

Table--1 UNIT: cd

C(DEG) / γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	1366	1364	1363	1362	1360	1362	1366	1365	1363	1362	1360	1361							
5	1360	1359	1358	1356	1354	1355	1360	1357	1355	1355	1354	1355							
10	1341	1342	1341	1339	1335	1336	1341	1337	1335	1335	1335	1336							
15	1310	1312	1312	1309	1304	1305	1310	1306	1303	1303	1304	1306							
20	1268	1271	1270	1267	1262	1262	1268	1262	1259	1260	1262	1265							
25	1214	1219	1218	1215	1208	1209	1214	1208	1205	1207	1209	1211							
30	1150	1156	1156	1152	1145	1145	1151	1144	1140	1142	1145	1149							
35	1077	1084	1084	1079	1072	1072	1077	1070	1067	1070	1073	1076							
40	995	1003	1004	998	991	991	996	988	984	988	992	995							
45	904	914	914	908	900	902	908	899	894	899	903	905							
50	808	817	818	813	804	805	813	802	798	804	808	809							
55	705	715	716	710	700	701	707	699	694	699	705	707							
60	598	608	608	602	592	593	601	590	586	592	597	600							
65	485	495	496	490	480	479	485	478	475	479	487	490							
70	371	381	382	376	366	368	376	366	361	367	374	377							
75	259	269	269	263	255	255	262	254	251	255	263	266							
80	153	163	163	157	151	153	161	152	148	153	160	161							
85	64.0	70.3	70.7	66.6	61.1	63.1	69.9	63.1	60.7	65.5	70.1	70.3							
90	8.27	10.0	10.4	9.74	8.12	9.84	13.8	12.0	11.0	12.0	13.6	12.7							
95	2.53	2.86	2.93	2.81	2.38	3.86	6.62	6.68	6.35	6.27	6.50	5.45							
100	2.44	2.49	2.51	2.49	2.24	3.66	6.21	6.38	6.19	6.19	6.43	5.37							
105	2.47	2.48	2.48	2.48	2.26	3.66	6.13	6.30	6.12	6.13	6.36	5.33							
110	2.53	2.53	2.53	2.53	2.33	3.69	6.08	6.26	6.08	6.08	6.30	5.29							
115	2.61	2.60	2.60	2.61	2.41	3.74	6.08	6.25	6.07	6.07	6.28	5.30							
120	2.72	2.72	2.72	2.72	2.53	3.82	6.11	6.28	6.11	6.10	6.31	5.35							
125	2.82	2.82	2.82	2.83	2.64	3.89	6.11	6.27	6.10	6.09	6.29	5.37							
130	2.92	2.91	2.91	2.91	2.73	3.94	6.07	6.22	6.05	6.04	6.24	5.35							
135	2.99	2.98	2.98	2.99	2.81	3.96	6.00	6.13	5.97	5.98	6.15	5.30							
140	3.05	3.03	3.03	3.05	2.87	3.96	5.89	6.01	5.86	5.86	6.02	5.22							
145	3.10	3.09	3.10	3.12	2.95	3.94	5.71	5.84	5.72	5.73	5.87	5.12							
150	3.21	3.20	3.21	3.22	3.08	3.97	5.54	5.65	5.55	5.57	5.70	5.03							
155	3.37	3.37	3.37	3.38	3.28	4.05	5.36	5.42	5.35	5.40	5.49	4.90							
160	3.60	3.57	3.57	3.59	3.50	4.12	5.20	5.23	5.17	5.22	5.29	4.82							
165	3.79	3.78	3.78	3.80	3.75	4.21	5.02	5.05	4.98	4.99	5.08	4.74							
170	4.00	4.00	4.00	4.01	3.99	4.31	4.86	4.87	4.82	4.84	4.90	4.66							
175	4.20	4.20	4.19	4.19	4.21	4.36	4.61	4.65	4.65	4.66	4.70	4.57							
180	4.36	4.38	4.39	4.39	4.43	4.42	4.38	4.38	4.39	4.40	4.43	4.42							

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