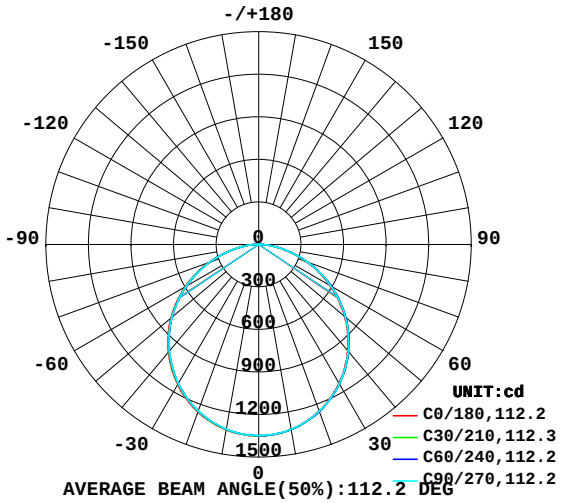
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.90V I:0.1600A P:33.200W PF:0.9390 Freq:50.00Hz Lamp Flux:3874.81x1 lm		
Name: A400 32W EME 4000K	Type: 圆柱形	
MFR.:	DIM.: Φ400*62（mm）	
	SUR.: Φ395（mm）	

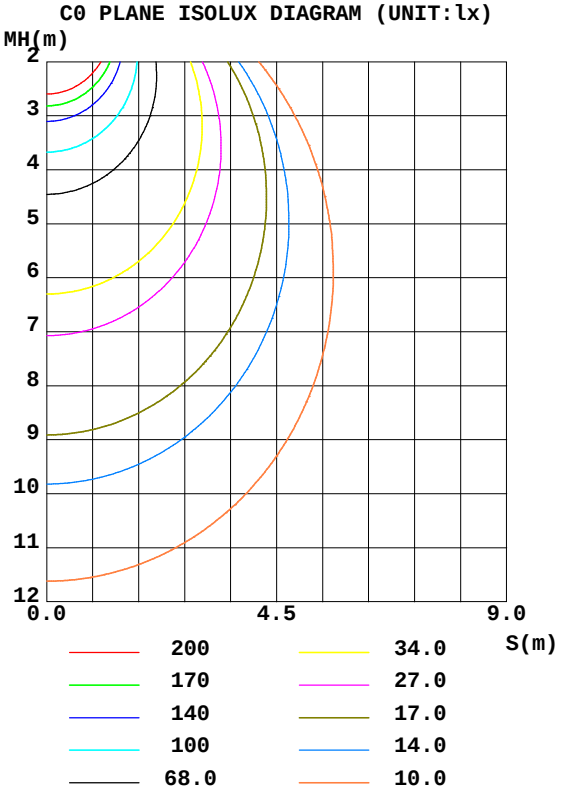
DATA OF LAMP		PHOTOMETRIC DATA Eff: 116.71 lm/W			
MODEL		Imax(cd)	1350	S/MH(C0/180)	1.26
NOMINAL POWER(W)	32	LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	3874.8	η UP,DN(C0-180)	0.3,49.5
NOMINAL FLUX(lm)	3874.81	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.5,49.7
LAMPS INSIDE	1	η up(%)	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%):112.2 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: 电器:***AGT-I782G..-0850(850mA)+DA320/B*** +电池，***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	1324	1325	1324	1323	1327	1323	1322	1322	0- 10	127.5	127.5	3.29,3.29
20	1250	1253	1252	1250	1256	1251	1250	1250	10- 20	364.9	492.4	12.7,12.7
30	1132	1138	1136	1134	1141	1134	1133	1134	20- 30	552.2	1045	27,27
40	977.9	986.2	983.7	982.0	990.9	981.7	981.2	981.7	30- 40	665.1	1710	44.1,44.1
50	791.7	801.2	799.5	797.1	809.4	798.4	799.1	798.3	40- 50	689.8	2400	61.9,61.9
60	583.1	593.1	591.0	588.6	599.4	589.2	589.0	590.4	50- 60	622.9	3023	78,78
70	359.3	369.0	367.0	364.9	376.6	366.9	365.4	369.1	60- 70	474.2	3497	90.2,90.2
80	144.6	154.3	151.5	152.0	161.9	154.3	155.4	156.4	70- 80	272.4	3769	97.3,97.3
90	6.584	8.621	9.240	9.535	15.36	12.94	12.34	12.12	80- 90	77.15	3846	99.3,99.3
100	2.424	2.462	2.433	2.914	6.151	6.243	6.123	5.832	90-100	5.561	3852	99.4,99.4
110	2.512	2.519	2.562	3.009	6.037	6.120	6.015	5.738	100-110	4.572	3856	99.5,99.5
120	2.712	2.714	2.745	3.167	6.067	6.141	6.038	5.768	110-120	4.332	3861	99.6,99.6
130	2.915	2.913	2.978	3.340	6.032	6.084	5.989	5.738	120-130	4.015	3865	99.7,99.7
140	3.076	3.055	3.102	3.433	5.865	5.874	5.784	5.585	130-140	3.485	3868	99.8,99.8
150	3.272	3.195	3.246	3.524	5.567	5.551	5.503	5.294	140-150	2.791	3871	99.9,99.9
160	3.549	3.542	3.589	3.781	5.193	5.195	5.108	4.994	150-160	2.025	3873	100,100
170	3.980	4.047	3.979	4.100	4.790	4.800	4.833	4.727	160-170	1.243	3874	100,100
180	4.353	4.341	4.326	4.368	4.353	4.338	4.329	4.365	170-180	0.4201	3875	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

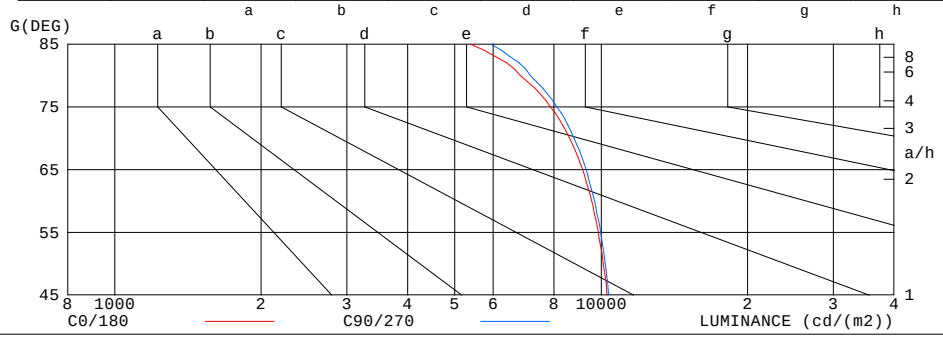
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7125]
Remarks: 电器:AGT-I782G..-0850(850mA)+DA320/B +电池，PCB：A400-2X12S38P-V9.0，灯珠：Lumileds（亮锐）普通光效灯珠. 0.2W 4000K

LUMINANCE LIMITATION CURVES

Test:U:220.90V I:0.1600A P:33.200W PF:0.9390 Freq:50.00Hz Lamp Flux:3874.81x1 lm		
Name: A400 32W EME 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	5383	5936
80	6824	7151
75	7870	8107
70	8611	8796
65	9162	9313
60	9559	9689
55	9867	9972
50	10095	10195
45	10281	10362

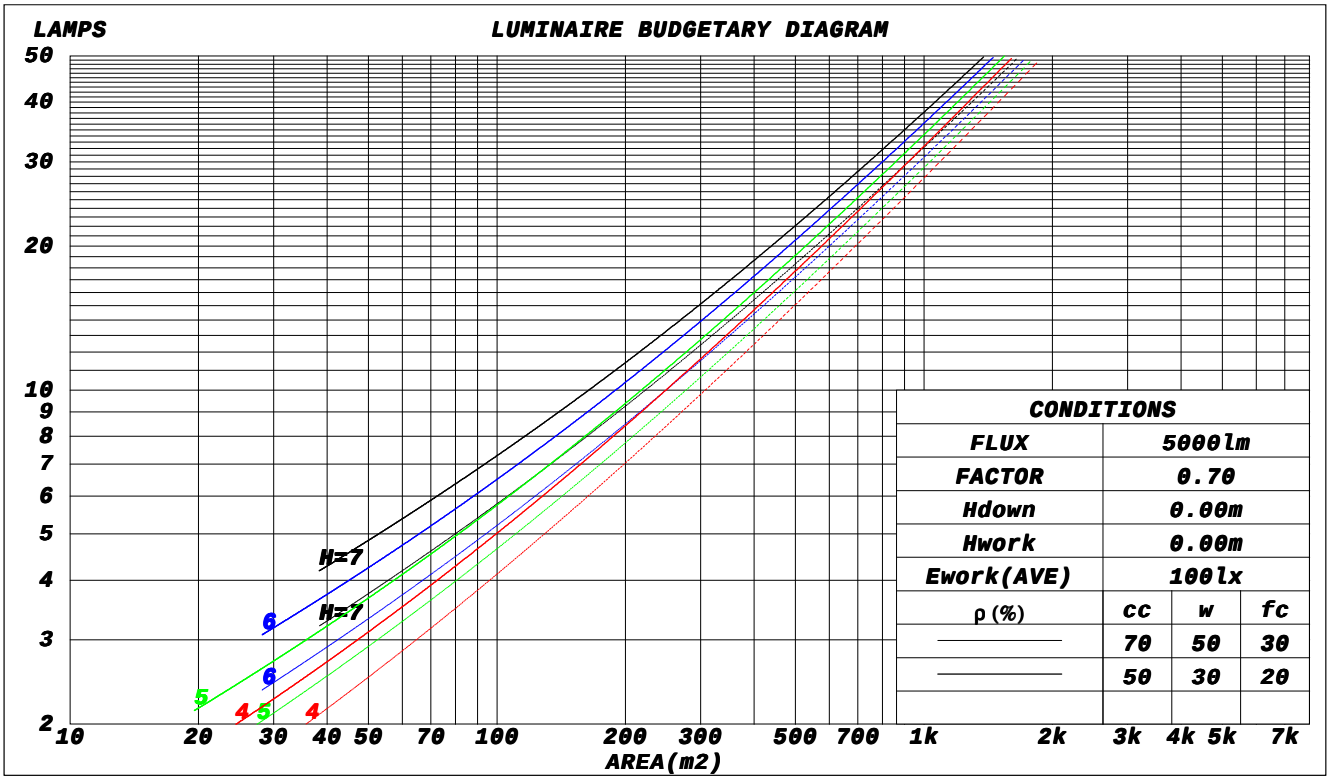
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-10

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: 电器:***AGT-I782G..-0850(850mA)+DA320/B*** +电池，***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:220.90V I:0.1600A P:33.200W PF:0.9390 Freq:50.00Hz Lamp Flux:3874.81x1 lm		
Name: A400 32W EME 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: 电器:AGT-I782G..-0850(850mA)+DA320/B +电池，PCB：A400-2X12S38P-V9.0，灯珠：Lumileds（亮锐）普通光效灯珠. 0.2W 4000K

WEC AND CCEC

Test:U:220.90V I:0.1600A P:33.200W PF:0.9390 Freq:50.00Hz Lamp Flux:3874.81x1 lm		
Name: A400 32W EME 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	.188	.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	.096	.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	.018	.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: 电器:AGT-I782G..-0850(850mA)+DA320/B +电池，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:220.90V I:0.1600A P:33.200W PF:0.9390 Freq:50.00Hz Lamp Flux:3874.81x1 lm		
Name: A400 32W EME 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	20.1	21.7	20.5	22.0	22.4	20.1	21.7	20.4	22.0	22.4
	3H	21.9	23.3	22.3	23.7	24.1	21.9	23.3	22.3	23.7	24.1
	4H	22.5	23.9	22.9	24.3	24.7	22.5	23.9	23.0	24.3	24.7
	6H	23.0	24.3	23.4	24.7	25.1	23.0	24.3	23.4	24.7	25.1
	8H	23.1	24.4	23.6	24.8	25.2	23.2	24.4	23.6	24.8	25.2
	12H	23.2	24.4	23.7	24.8	25.2	23.3	24.5	23.7	24.8	25.3
4H	2H	20.7	22.1	21.1	22.5	22.9	20.7	22.1	21.1	22.5	22.8
	3H	22.7	23.9	23.2	24.3	24.7	22.7	23.9	23.1	24.3	24.7
	4H	23.5	24.6	24.0	25.0	25.5	23.5	24.6	24.0	25.0	25.4
	6H	24.1	25.0	24.6	25.5	26.0	24.1	25.0	24.6	25.5	26.0
	8H	24.3	25.2	24.8	25.6	26.1	24.3	25.2	24.8	25.6	26.1
	12H	24.4	25.2	24.9	25.7	26.2	24.5	25.2	24.9	25.7	26.2
8H	4H	23.8	24.7	24.3	25.2	25.7	23.8	24.7	24.3	25.1	25.6
	6H	24.6	25.3	25.1	25.8	26.3	24.5	25.3	25.0	25.8	26.3
	8H	24.8	25.5	25.3	26.0	26.5	24.8	25.5	25.3	26.0	26.5
	12H	25.0	25.6	25.5	26.1	26.7	25.0	25.6	25.5	26.1	26.7
12H	4H	23.9	24.7	24.4	25.1	25.6	23.9	24.6	24.3	25.1	25.6
	6H	24.6	25.3	25.2	25.8	26.3	24.6	25.3	25.1	25.7	26.3
	8H	24.9	25.5	25.4	26.0	26.6	24.9	25.5	25.4	26.0	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: 电器:AGT-I782G..-0850(850mA)+DA320/B +电池，PCB：A400-2X12S38P-V9.0，灯珠：Lumileds（亮锐）普通光效灯珠. 0.2W 4000K

UTILIZATION FACTORS TABLE

Test:U:220.90V I:0.1600A P:33.200W PF:0.9390 Freq:50.00Hz Lamp Flux:3874.81x1 lm		
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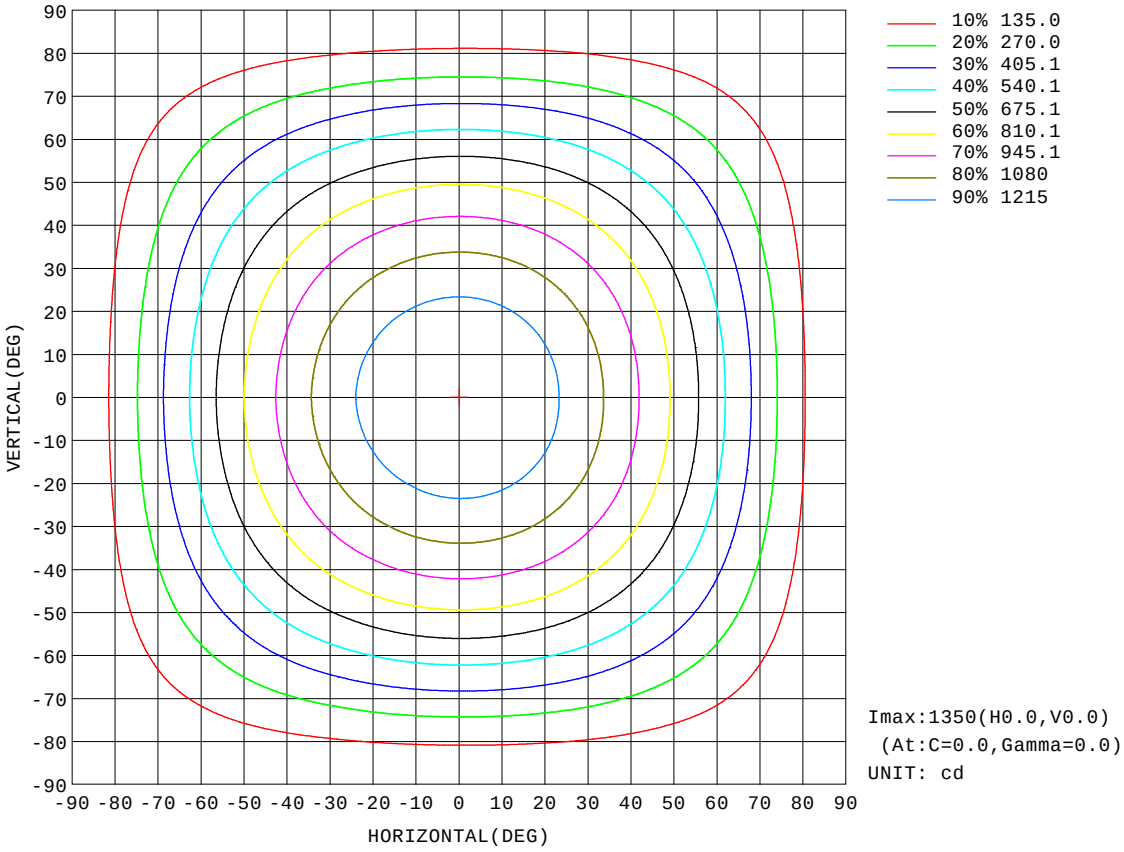
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	57	46	39	56	45	38	55	45	38	32
0.80	67	56	48	66	55	48	64	54	48	41
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	92	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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ISOCANDELA DIAGRAM

Test:U:220.90V I:0.1600A P:33.200W PF:0.9390 Freq:50.00Hz Lamp Flux:3874.81x1 lm		
Name: A400 32W EME 4000K	Type: 圆柱形	
MFR.:	DIM.: Φ400*62（mm）	
	SUR.: Φ395（mm）	



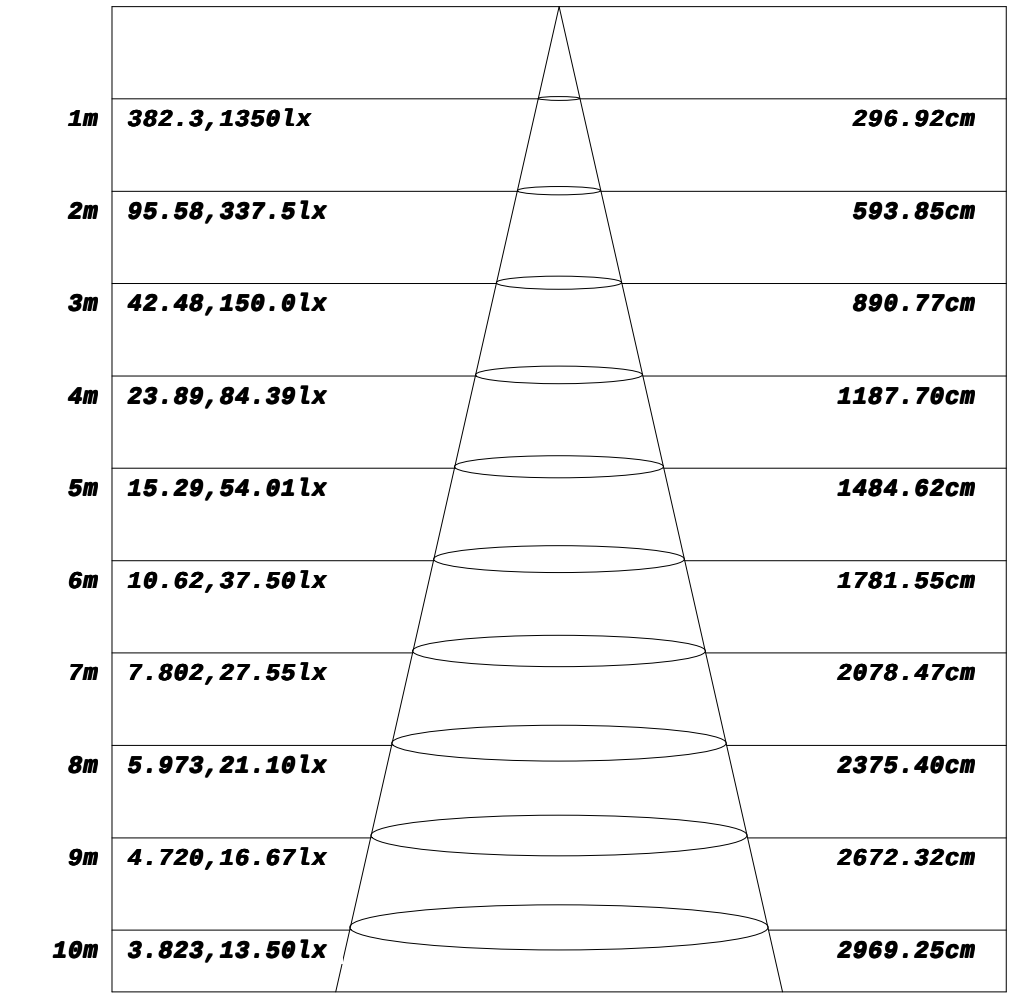
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-11-10

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: 电器:***AGT-I782G..-0850(850mA)+DA320/B*** +电池，***PCB：A400-2X12S38P-V9.0,*** 灯珠：***Lumileds***（亮锐）普通光效灯珠. ***0.2W 4000K***

AAI Figure

Test:U:220.90V I:0.1600A P:33.200W PF:0.9390 Freq:50.00Hz Lamp Flux:3874.81x1 lm		
Name: A400 32W EME 4000K	Type: 圆柱形	
MFR.:	DIM.: Φ400*62（mm）	
	SUR.: Φ395（mm）	

Flux out:2848 lm



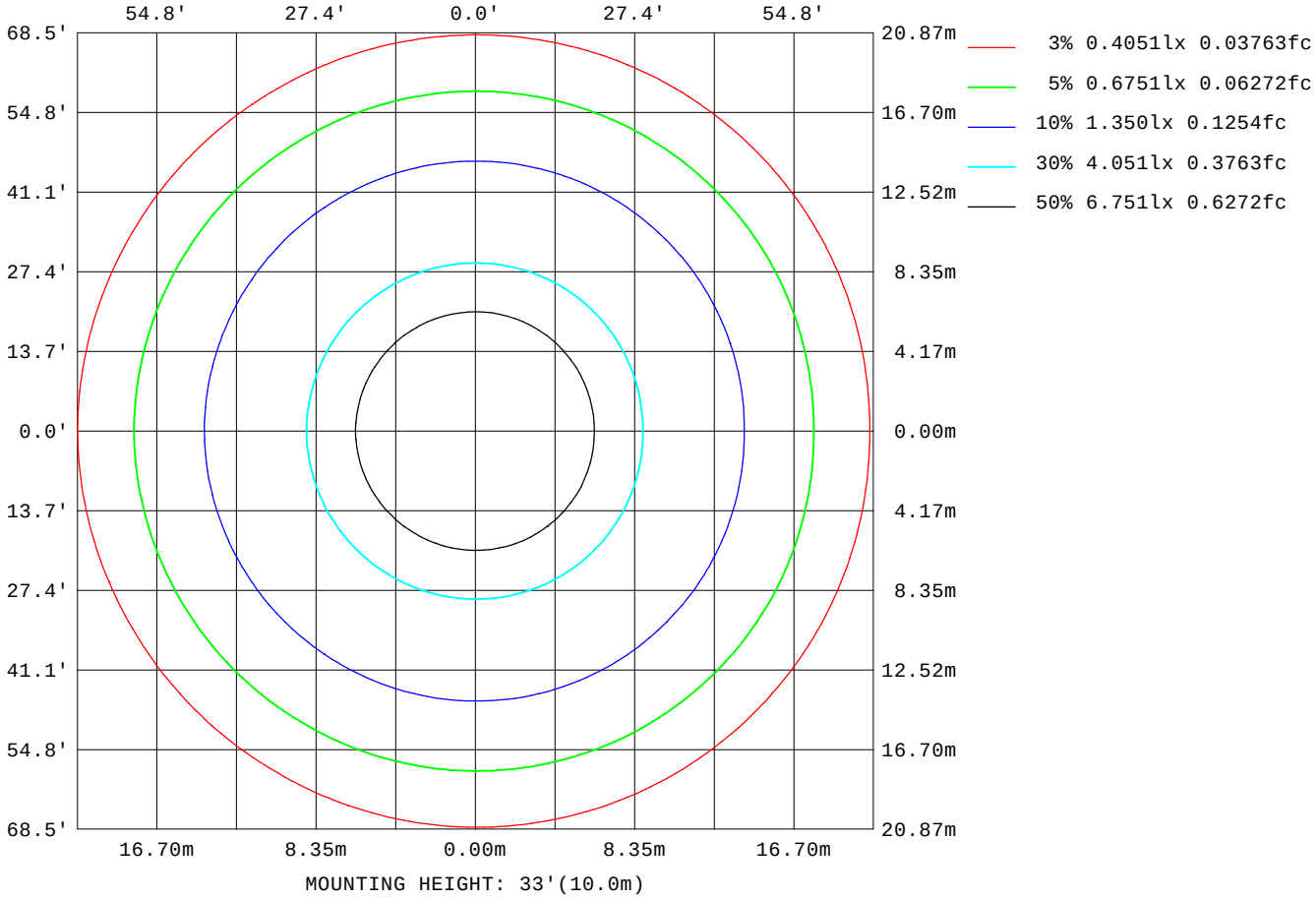
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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: 电器***:AGT-I782G..-0850(850mA)+DA320/B*** ***+电池，PCB：A400-2X12S38P-V9.0，***
灯珠：***Lumileds***（亮锐）普通光效灯珠.
0.2W 4000K

ISOLUX DIAGRAM

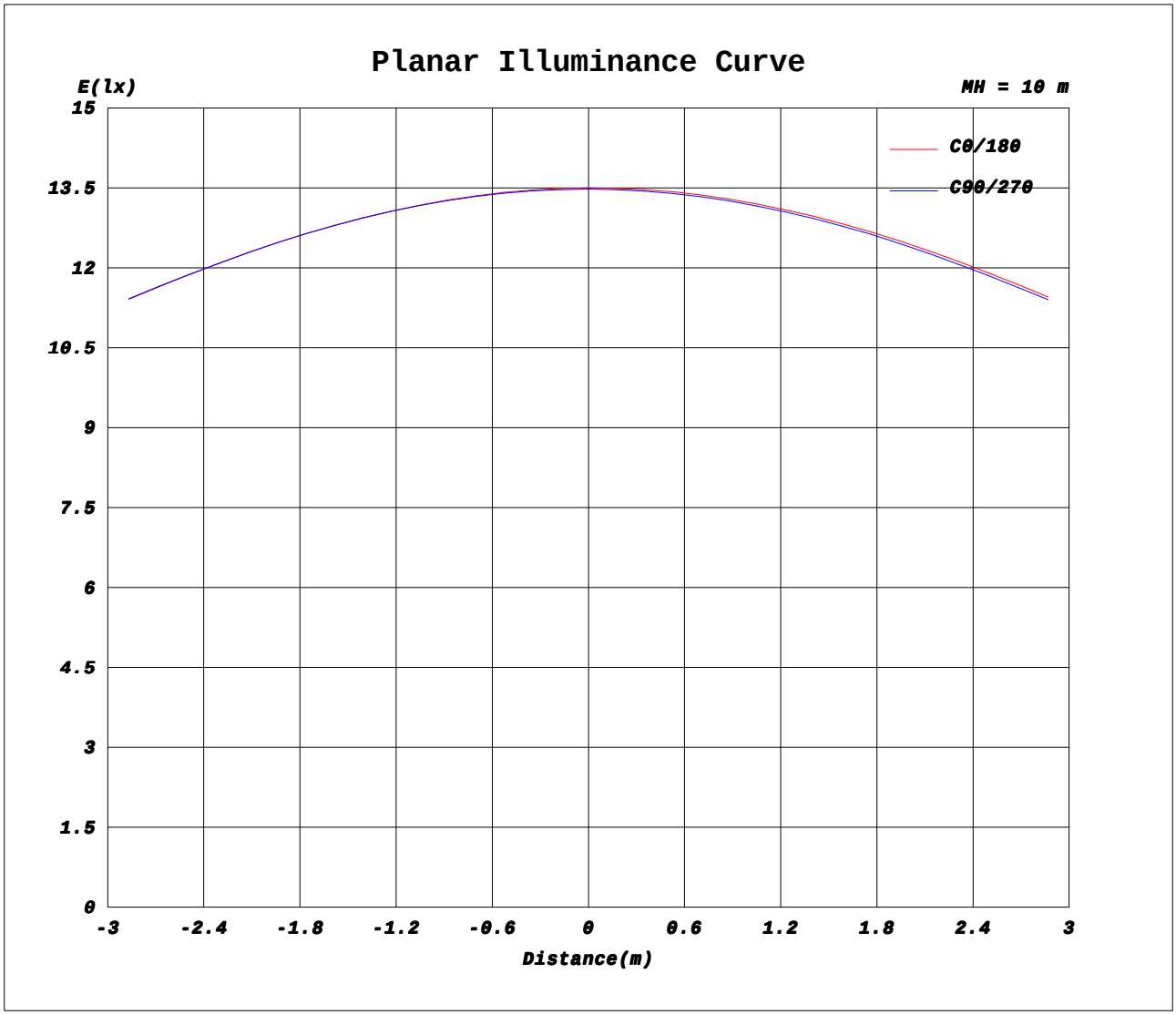
Test:U:220.90V I:0.1600A P:33.200W PF:0.9390 Freq:50.00Hz Lamp Flux:3874.81x1 lm		
Name: A400 32W EME 4000K	Type: 圆柱形	
MFR.:	DIM.: Φ400*62（mm）	
	SUR.: Φ395（mm）	



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: 电器:***AGT-I782G..-0850(850mA)+DA320/B***
+电池，***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: 电器:AGT-I782G..-0850(850mA)+DA320/B +电池，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:220.90V I:0.1600A P:33.200W PF:0.9390 Freq:50.00Hz Lamp Flux:3874.81x1 lm		
Name: A400 32W EME 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	1350	1349	1348	1348	1347	1347	1350	1349	1348	1348	1347	1347
5	1343	1343	1343	1342	1340	1342	1345	1343	1341	1341	1340	1341
10	1324	1325	1325	1324	1322	1323	1327	1324	1322	1322	1321	1322
15	1292	1295	1295	1294	1291	1293	1297	1294	1291	1291	1291	1291
20	1250	1253	1254	1252	1249	1251	1256	1252	1249	1250	1250	1250
25	1196	1201	1201	1199	1196	1199	1204	1199	1196	1196	1197	1196
30	1132	1138	1139	1136	1133	1136	1141	1136	1133	1133	1134	1134
35	1059	1066	1067	1064	1061	1064	1070	1064	1060	1060	1062	1062
40	978	986	987	984	980	984	991	984	980	981	982	981
45	887	896	898	894	891	895	902	895	891	894	894	892
50	792	800	802	799	795	799	809	801	796	799	799	797
55	690	699	701	698	693	697	706	698	694	695	697	696
60	583	592	594	591	587	591	599	592	587	589	591	590
65	472	480	482	480	475	478	488	482	477	479	482	481
70	359	368	370	367	363	367	377	370	364	365	370	369
75	249	257	259	256	252	257	265	259	255	258	261	259
80	145	154	155	151	150	154	162	156	153	155	158	155
85	57.2	63.2	64.7	63.1	61.0	65.6	73.5	68.0	64.8	67.1	68.8	66.0
90	6.58	8.19	9.06	9.24	8.30	10.8	15.4	13.7	12.2	12.3	12.9	11.3
95	2.69	2.83	2.74	2.54	2.37	3.91	6.49	6.51	6.21	6.22	6.42	5.42
100	2.42	2.46	2.46	2.43	2.20	3.63	6.15	6.34	6.15	6.12	6.36	5.31
105	2.46	2.46	2.46	2.46	2.27	3.66	6.09	6.27	6.08	6.06	6.29	5.27
110	2.51	2.51	2.53	2.56	2.34	3.67	6.04	6.21	6.03	6.01	6.23	5.24
115	2.59	2.59	2.61	2.64	2.42	3.72	6.04	6.20	6.02	6.01	6.22	5.25
120	2.71	2.71	2.72	2.75	2.53	3.80	6.07	6.23	6.05	6.04	6.24	5.30
125	2.82	2.81	2.83	2.87	2.65	3.87	6.07	6.22	6.05	6.03	6.23	5.32
130	2.91	2.90	2.93	2.98	2.76	3.92	6.03	6.17	6.00	5.99	6.17	5.30
135	3.00	2.97	3.00	3.05	2.84	3.95	5.96	6.09	5.92	5.91	6.08	5.25
140	3.08	3.05	3.06	3.10	2.90	3.96	5.87	5.96	5.79	5.78	5.97	5.20
145	3.16	3.11	3.12	3.15	2.98	3.99	5.77	5.81	5.65	5.66	5.80	5.08
150	3.27	3.19	3.20	3.25	3.08	3.97	5.57	5.62	5.48	5.50	5.61	4.97
155	3.42	3.35	3.36	3.41	3.25	4.02	5.40	5.45	5.31	5.28	5.40	4.88
160	3.55	3.53	3.55	3.59	3.47	4.09	5.19	5.25	5.14	5.11	5.21	4.77
165	3.76	3.81	3.80	3.77	3.70	4.16	4.97	5.00	4.95	4.97	5.04	4.69
170	3.98	4.05	4.04	3.98	3.94	4.26	4.79	4.81	4.79	4.83	4.85	4.60
175	4.19	4.21	4.20	4.18	4.17	4.32	4.57	4.57	4.56	4.58	4.61	4.50
180	4.35	4.35	4.33	4.33	4.36	4.37	4.35	4.34	4.33	4.33	4.36	4.37

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