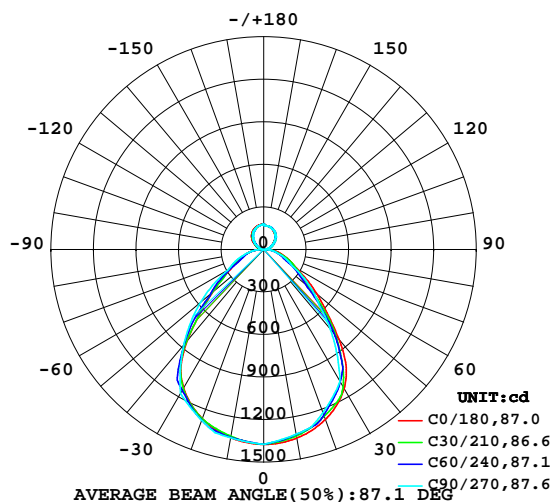


LUMINAIRE PHOTOMETRIC TEST REPORT

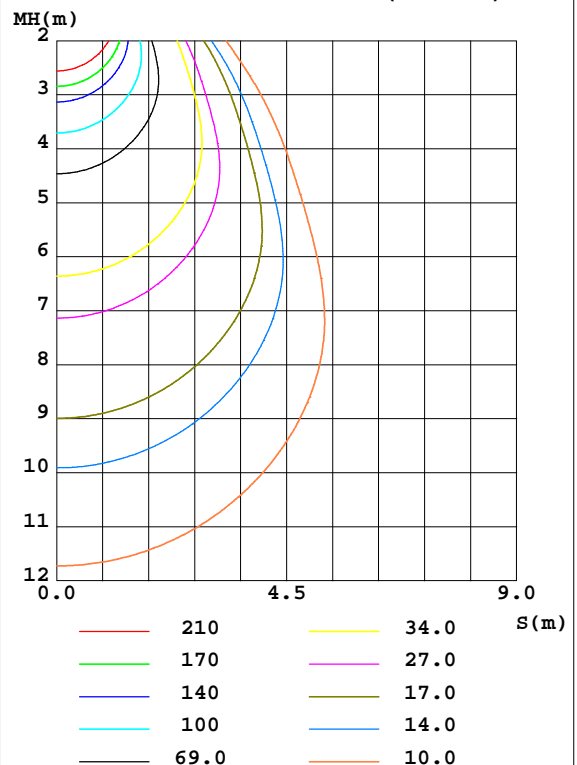
Test:U:220.70V I:0.1390A P:29.900W PF:0.9770 Freq:50.00Hz Lamp Flux:3350.32x1 lm		
Name: C400 32W 000 4000K(超高光效)	Type: 圆柱形	
MFR.:	DIM.: Φ 400*60 (mm)	
	SUR.: Φ 388 (mm)	

DATA OF LAMP		PHOTOMETRIC DATA Eff: 112.05 lm/W			
MODEL		Imax(cd)	1374	S/MH(C0/180)	1.22
NOMINAL POWER(W)	32	LOR(%)	100.0	S/MH(C90/270)	1.24
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	3350.3	η UP,DN(C0-180)	7.7,40.4
NOMINAL FLUX(lm)	3350.32	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	7.3,44.6
LAMPS INSIDE	1	η up(%)	14.9	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220.8	η down(%)	85.1	CIBSE SHR MAX	1.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-10-21

V(B) Range:-180 - 180DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks: 电源: LF-GIF040YS0800H 电源
灯板: C400-13S46P-V7.2 、4X
C400-13S2P-V2.0 灯珠: NP2309
01-18 (亮锐, 0.2W 4000K 超高光效)
(正发光+背发光, 加防眩膜)

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

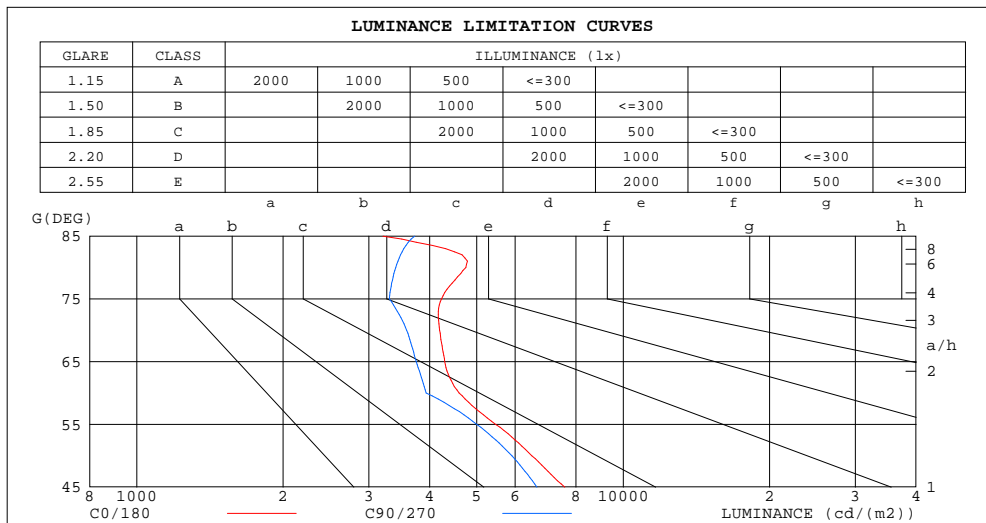
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1351	1329	1323	1322	1348	1341	1349	1347	0- 10	129.0	129.0	3.85,3.85
20	1275	1261	1225	1241	1269	1279	1282	1297	10- 20	368.9	497.9	14.9,14.9
30	1135	1082	1078	1055	1129	1136	1173	1152	20- 30	550.6	1048	31.3,31.3
40	826.9	796.5	729.6	779.6	839.9	921.3	876.4	932.1	30- 40	616.1	1665	49.7,49.7
50	492.3	403.0	447.7	408.8	472.0	498.5	582.1	504.2	40- 50	489.4	2154	64.3,64.3
60	271.4	214.5	232.1	207.5	261.5	252.4	290.3	254.3	50- 60	317.5	2472	73.8,73.8
70	169.4	131.2	144.9	126.4	163.5	144.3	187.7	146.1	60- 70	204.0	2676	79.9,79.9
80	97.24	71.27	69.87	66.24	97.62	89.03	93.55	94.13	70- 80	126.6	2802	83.6,83.6
90	9.337	8.754	7.016	7.964	6.988	7.207	7.994	8.001	80- 90	47.83	2850	85.1,85.1
100	27.93	28.08	24.93	27.13	32.83	20.44	18.44	20.63	90-100	17.44	2867	85.6,85.6
110	48.71	50.60	47.84	50.69	52.55	43.25	36.52	42.92	100-110	37.11	2905	86.7,86.7
120	71.77	76.37	75.72	77.01	73.07	66.20	62.22	68.48	110-120	58.22	2963	88.4,88.4
130	100.3	103.2	104.7	104.3	107.7	95.90	93.72	96.83	120-130	77.12	3040	90.7,90.7
140	125.6	129.0	129.4	130.0	133.9	126.3	122.1	125.6	130-140	88.32	3128	93.4,93.4
150	145.6	147.7	150.0	147.2	154.0	146.8	147.2	147.5	140-150	86.55	3215	96,96
160	159.6	162.4	161.3	161.0	168.0	163.8	162.3	165.3	150-160	71.81	3287	98.1,98.1
170	168.3	168.0	168.3	167.5	176.7	173.3	173.1	173.8	160-170	47.30	3334	99.5,99.5
180	171.0	171.0	171.0	171.0	179.5	179.5	179.5	179.5	170-180	16.48	3350	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-10-21

V(B) Range:-180 - 180DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks: 电源: LF-GIF040YS0800H 电源
 灯板: C400-13S46P-V7.2 、4X
 C400-13S2P-V2.0 灯珠: NP2309
 01-18 (亮锐, 0.2W 4000K 超高光效)
 (正发光+背发光, 加防眩膜)

LUMINANCE LIMITATION CURVES

Test:U:220.70V I:0.1390A P:29.900W PF:0.9770 Freq:50.00Hz Lamp Flux:3350.32x1 lm		
Name: C400 32W 000 4000K(超高光效)	Type: 圆柱形	
MFR.:	DIM.: $\Phi 400 \times 60$ (mm)	
	SUR.: $\Phi 388$ (mm)	



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	3206	3725
80	4745	3410
75	4231	3304
70	4197	3590
65	4297	3753
60	4601	3934
55	5468	5000
50	6491	5902
45	7582	6649

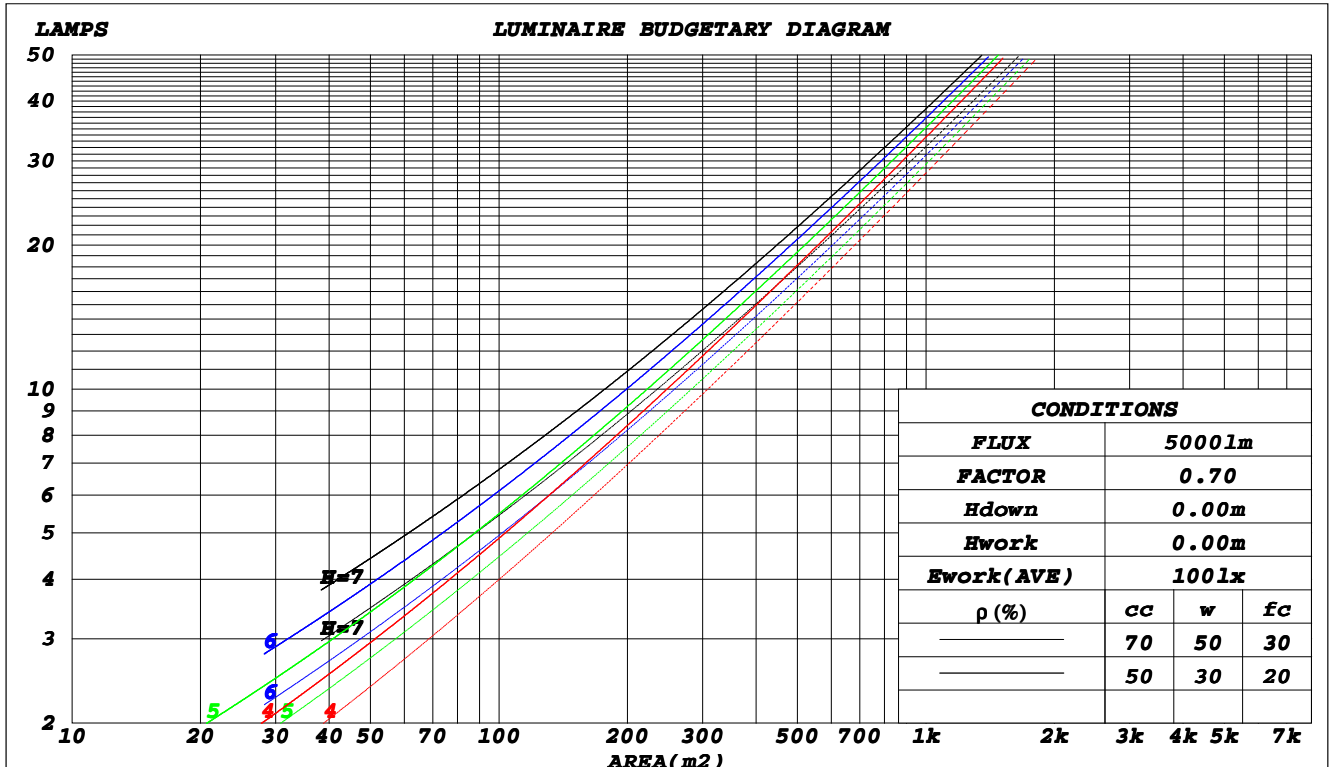
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-10-21

V(B) Range:-180 - 180DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks: 电源: LF-GIF040YS0800H 电源
灯板: C400-13S46P-V7.2 、4X
C400-13S2P-V2.0 灯珠: NP2309
01-18 (亮锐, 0.2W 4000K 超高光效)
(正发光+背发光, 加防眩膜)

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.70V I:0.1390A P:29.900W PF:0.9770 Freq:50.00Hz		
Lamp Flux:3350.32x1 lm		
Name: C400 32W 000 4000K(超高光效)	Type: 圆柱形	
MFR.:	DIM.: $\phi 400 \times 60$ (mm)	
	SUR.: $\phi 388$ (mm)	

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						Coefficients of Utilization(CU)									
0.0	1.15	1.15	1.15	1.11	1.11	1.11	1.03	1.03	1.03	.95	.95	.95	.88	.88	.88	.85
1.0	1.02	.99	.95	.99	.95	.92	.92	.89	.87	.85	.83	.81	.80	.78	.77	.74
2.0	.91	.85	.80	.88	.82	.78	.82	.78	.74	.77	.73	.70	.72	.69	.66	.64
3.0	.81	.74	.68	.78	.72	.67	.73	.68	.64	.69	.64	.61	.65	.61	.58	.55
4.0	.73	.65	.59	.71	.63	.58	.66	.60	.56	.62	.57	.53	.59	.55	.51	.49
5.0	.66	.58	.52	.64	.56	.51	.60	.54	.49	.57	.51	.47	.53	.49	.45	.43
6.0	.60	.52	.46	.58	.51	.45	.55	.48	.44	.52	.46	.42	.49	.44	.41	.38
7.0	.55	.47	.41	.53	.46	.40	.50	.44	.39	.48	.42	.38	.45	.40	.37	.35
8.0	.50	.42	.37	.49	.42	.36	.46	.40	.35	.44	.38	.34	.42	.37	.33	.31
9.0	.46	.39	.34	.45	.38	.33	.43	.37	.32	.41	.35	.31	.39	.34	.30	.29
10.0	.43	.35	.31	.42	.35	.30	.40	.34	.29	.38	.32	.29	.36	.31	.28	.26



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-10-21

V(B) Range:-180 - 180DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks: 电源: LF-GIF040YS0800H 电源
灯板: C400-13S46P-V7.2 、4X
C400-13S2P-V2.0 灯珠: NP2309
01-18 (亮锐, 0.2W 4000K 超高光效)
(正发光+背发光, 加防眩膜)

WEC AND CCEC

Test:U:220.70V I:0.1390A P:29.900W PF:0.9770 Freq:50.00Hz Lamp Flux:3350.32x1 lm		
Name: C400 32W 000 4000K(超高光效)	Type: 圆柱形	
MFR.:	DIM.: Φ 400*60 (mm)	
	SUR.: Φ 388 (mm)	

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	.269	.153	.049	.258	.147	.047	.236	.136	.043	.216	.125	.040	.198	.115	.037		
2.0	.253	.139	.042	.243	.134	.041	.223	.124	.039	.206	.115	.036	.189	.107	.034		
3.0	.235	.125	.038	.226	.121	.036	.209	.113	.034	.193	.106	.032	.178	.099	.031		
4.0	.219	.114	.033	.211	.110	.033	.195	.104	.031	.181	.097	.029	.167	.091	.028		
5.0	.204	.104	.030	.197	.101	.029	.183	.095	.028	.170	.090	.027	.157	.084	.025		
6.0	.191	.096	.027	.184	.093	.027	.172	.088	.026	.160	.083	.024	.148	.078	.023		
7.0	.179	.089	.025	.173	.086	.025	.161	.082	.023	.150	.077	.022	.140	.073	.021		
8.0	.169	.082	.023	.163	.080	.023	.152	.076	.022	.142	.072	.021	.132	.068	.020		
9.0	.159	.077	.021	.154	.075	.021	.144	.071	.020	.134	.067	.019	.126	.064	.018		
10.0	.150	.072	.020	.145	.070	.020	.136	.067	.019	.128	.063	.018	.119	.060	.017		

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	.304	.304	.304	.260	.260	.260	.177	.177	.177	.102	.102	.102	.033	.033	.033	
1.0	.292	.271	.252	.250	.233	.217	.171	.160	.150	.098	.093	.087	.032	.030	.028	
2.0	.283	.248	.218	.242	.213	.189	.166	.147	.132	.096	.086	.077	.031	.028	.025	
3.0	.274	.230	.195	.235	.199	.169	.161	.138	.119	.093	.081	.070	.030	.026	.023	
4.0	.266	.217	.179	.228	.187	.156	.157	.131	.110	.091	.077	.065	.029	.025	.021	
5.0	.259	.207	.168	.222	.179	.146	.153	.125	.103	.089	.073	.061	.029	.024	.020	
6.0	.252	.198	.160	.217	.172	.139	.149	.120	.098	.087	.071	.059	.028	.023	.019	
7.0	.246	.192	.154	.211	.166	.134	.146	.116	.095	.085	.069	.056	.027	.022	.019	
8.0	.240	.186	.149	.206	.161	.130	.143	.113	.092	.083	.067	.055	.027	.022	.018	
9.0	.234	.181	.145	.202	.157	.127	.140	.110	.090	.081	.065	.054	.026	.021	.018	
10.0	.229	.177	.142	.198	.154	.124	.137	.108	.088	.080	.064	.053	.026	.021	.017	

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-10-21

V(B) Range:-180 - 180DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks: 电源: LF-GIF040YS0800H 电源
灯板: C400-13S46P-V7.2 、4X
C400-13S2P-V2.0 灯珠: NP2309
01-18 (亮锐, 0.2W 4000K 超高光效)
(正发光+背发光, 加防眩膜)

UGR(Unified Glare Rating) Table

Test:U:220.70V I:0.1390A P:29.900W PF:0.9770 Freq:50.00Hz Lamp Flux:3350.32x1 lm										
Name: C400 32W 000 4000K(超高光效)					Type: 圆柱形					
MFR.:					DIM.: $\phi 400 \times 60$ (mm)					
					SUR.: $\phi 388$ (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	15.4	16.6	16.0	17.2	17.8	15.0	16.2	15.6	16.8	17.5
3H	17.0	18.1	17.7	18.7	19.4	16.4	17.5	17.0	18.1	18.8
4H	17.7	18.7	18.4	19.3	20.1	16.9	17.9	17.6	18.5	19.3
6H	18.3	19.2	19.0	19.9	20.6	17.4	18.3	18.0	19.0	19.7
8H	18.5	19.4	19.1	20.0	20.8	17.6	18.5	18.2	19.1	19.9
12H	18.6	19.4	19.3	20.1	20.8	17.8	18.6	18.4	19.2	20.0
4H 2H	15.6	16.6	16.2	17.2	17.9	15.2	16.2	15.9	16.9	17.6
3H	17.6	18.4	18.2	19.1	19.8	16.9	17.8	17.6	18.4	19.2
4H	18.5	19.2	19.1	19.9	20.6	17.6	18.4	18.3	19.0	19.8
6H	19.2	19.9	19.9	20.6	21.3	18.3	18.9	19.0	19.6	20.4
8H	19.5	20.1	20.2	20.8	21.6	18.6	19.2	19.2	19.8	20.6
12H	19.6	20.2	20.3	20.9	21.7	18.8	19.3	19.5	20.0	20.8
8H 4H	18.6	19.2	19.3	19.9	20.7	17.9	18.5	18.5	19.2	19.9
6H	19.6	20.1	20.3	20.8	21.6	18.6	19.2	19.4	19.9	20.7
8H	19.9	20.4	20.7	21.1	21.9	19.0	19.5	19.8	20.2	21.0
12H	20.2	20.6	20.9	21.3	22.2	19.4	19.8	20.1	20.5	21.4
12H 4H	18.6	19.2	19.3	19.9	20.7	17.9	18.4	18.6	19.1	19.9
6H	19.6	20.1	20.4	20.8	21.6	18.7	19.2	19.4	19.9	20.7
8H	20.0	20.4	20.8	21.2	22.0	19.1	19.5	19.9	20.3	21.1
CIE190: 2010										

CIE190: 2010
Area: 0.118 m²

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-10-21

V(B) Range:-180 - 180DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks: 电源: LF-GIF040YS0800H 电源
灯板: C400-13S46P-V7.2 、4X
C400-13S2P-V2.0 灯珠: NP2309
01-18 (亮锐, 0.2W 4000K 超高光效)
(正发光+背发光, 加防眩膜)

UTILIZATION FACTORS TABLE

Test:U:220.70V I:0.1390A P:29.900W PF:0.9770 Freq:50.00Hz Lamp Flux:3350.32x1 lm		
Name: C400 32W 000 4000K(超高光效)	Type: 圆柱形	
MFR.:	DIM.: $\phi 400 \times 60$ (mm)	
	SUR.: $\phi 388$ (mm)	

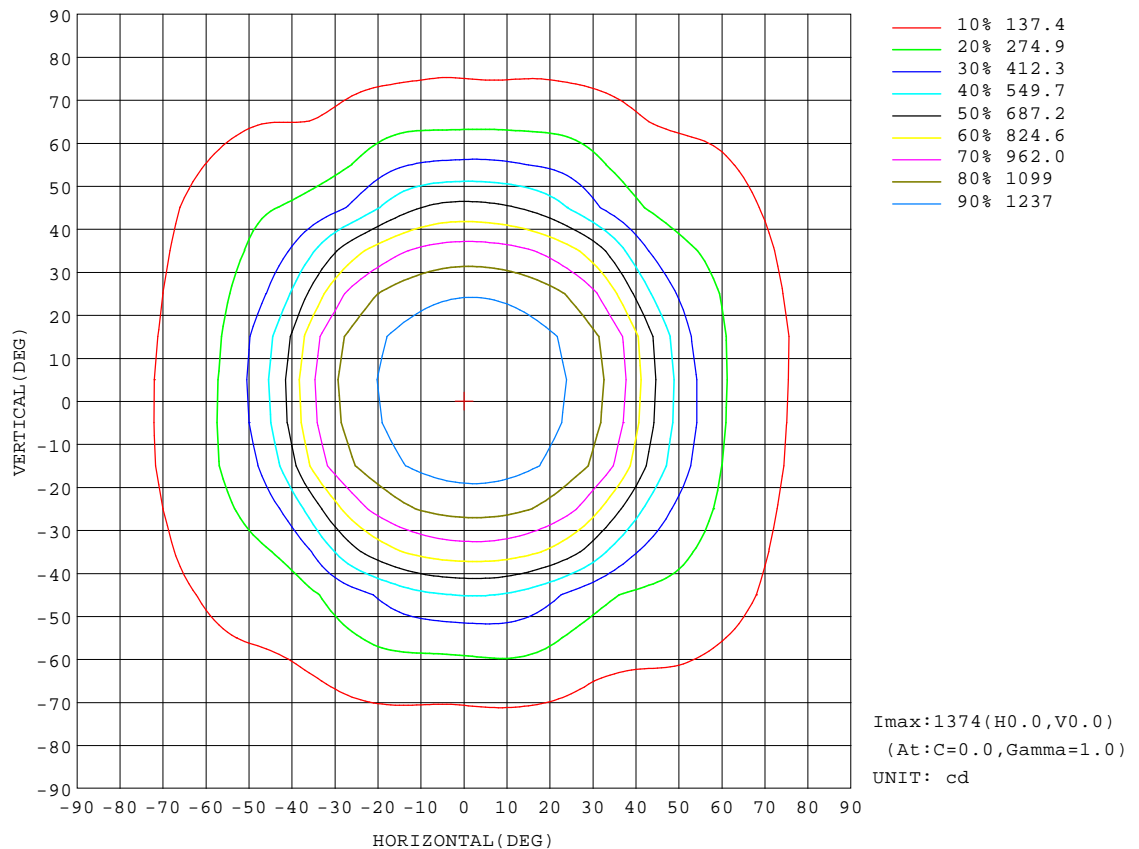
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	60	50	44	59	50	44	57	49	43	37
0.80	70	60	53	68	59	53	65	57	52	45
1.00	77	68	61	76	66	61	72	66	59	51
1.25	84	75	68	82	73	67	77	70	65	57
1.50	88	80	73	86	78	72	81	75	70	61
2.00	94	87	81	91	84	79	86	80	76	66
2.50	98	91	85	94	88	83	89	84	80	68
3.00	101	94	89	97	92	87	91	87	83	71
4.00	104	99	95	100	96	92	94	90	87	74
5.00	106	102	98	102	98	95	95	92	90	76
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-10-21

V(B) Range:-180 - 180DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks: 电源: LF-GIF040YS0800H 电源
 灯板: C400-13S46P-V7.2 、4X
 C400-13S2P-V2.0 灯珠: NP2309
 01-18 (亮锐, 0.2W 4000K 超高光效)
 (正发光+背发光, 加防眩膜)

ISOCANDELA DIAGRAM

Test:U:220.70V I:0.1390A P:29.900W PF:0.9770 Freq:50.00Hz Lamp Flux:3350.32x1 lm		
Name: C400 32W 000 4000K(超高光效)	Type: 圆柱形	
MFR.:	DIM.: Φ 400*60 (mm)	
	SUR.: Φ 388 (mm)	



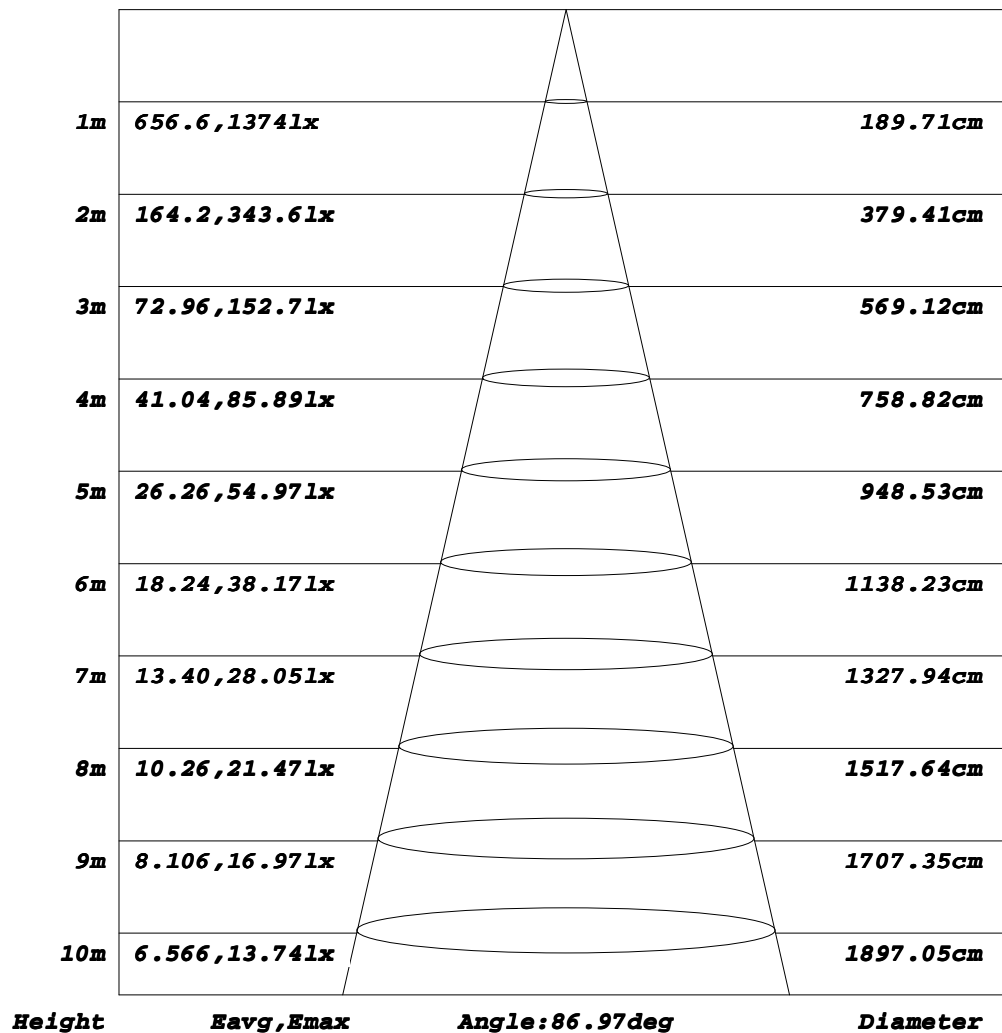
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-10-21

V(B) Range:-180 - 180DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks: 电源: LF-GIF040YS0800H 电源
灯板: C400-13S46P-V7.2 、4X
C400-13S2P-V2.0 灯珠: NP2309
01-18 (亮锐, 0.2W 4000K 超高光效)
(正发光+背发光, 加防眩膜)

AAI Figure

Test:U:220.70V I:0.1390A P:29.900W PF:0.9770 Freq:50.00Hz Lamp Flux:3350.32x1 lm		
Name: C400 32W 000 4000K(超高光效)	Type: 圆柱形	
MFR.:	DIM.: $\Phi 400 \times 60$ (mm)	
	SUR.: $\Phi 388$ (mm)	

Flux out:1858 lm



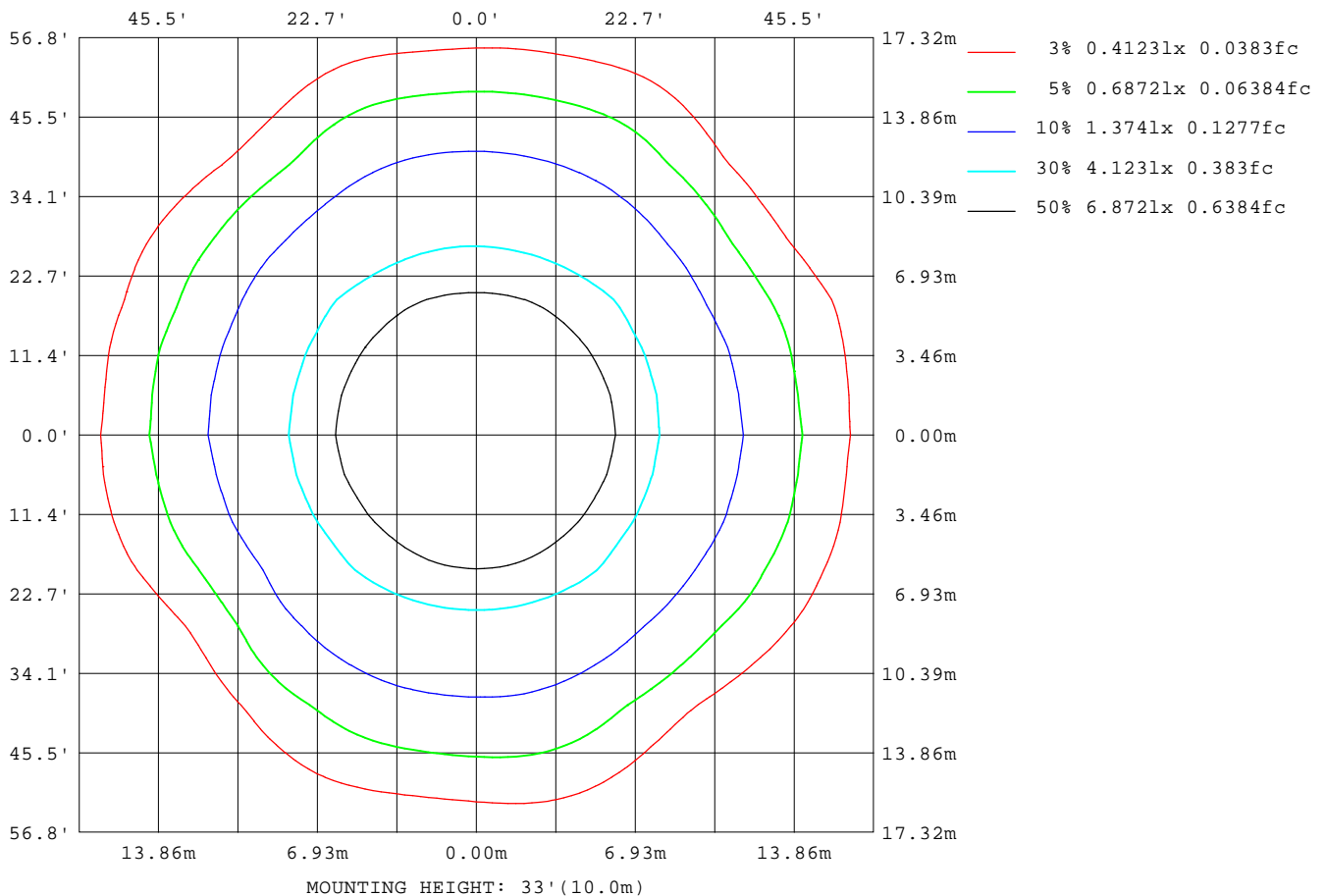
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2023-10-21

V(B) Range: -180 - 180DEG
V(B) Interval: 5.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks: 电源: LF-GIF040YS0800H 电源
灯板: C400-13S46P-V7.2、4X
C400-13S2P-V2.0 灯珠: NP2309
01-18 (亮锐, 0.2W 4000K 超高光效)
(正发光+背发光, 加防眩膜)

ISOLUX DIAGRAM

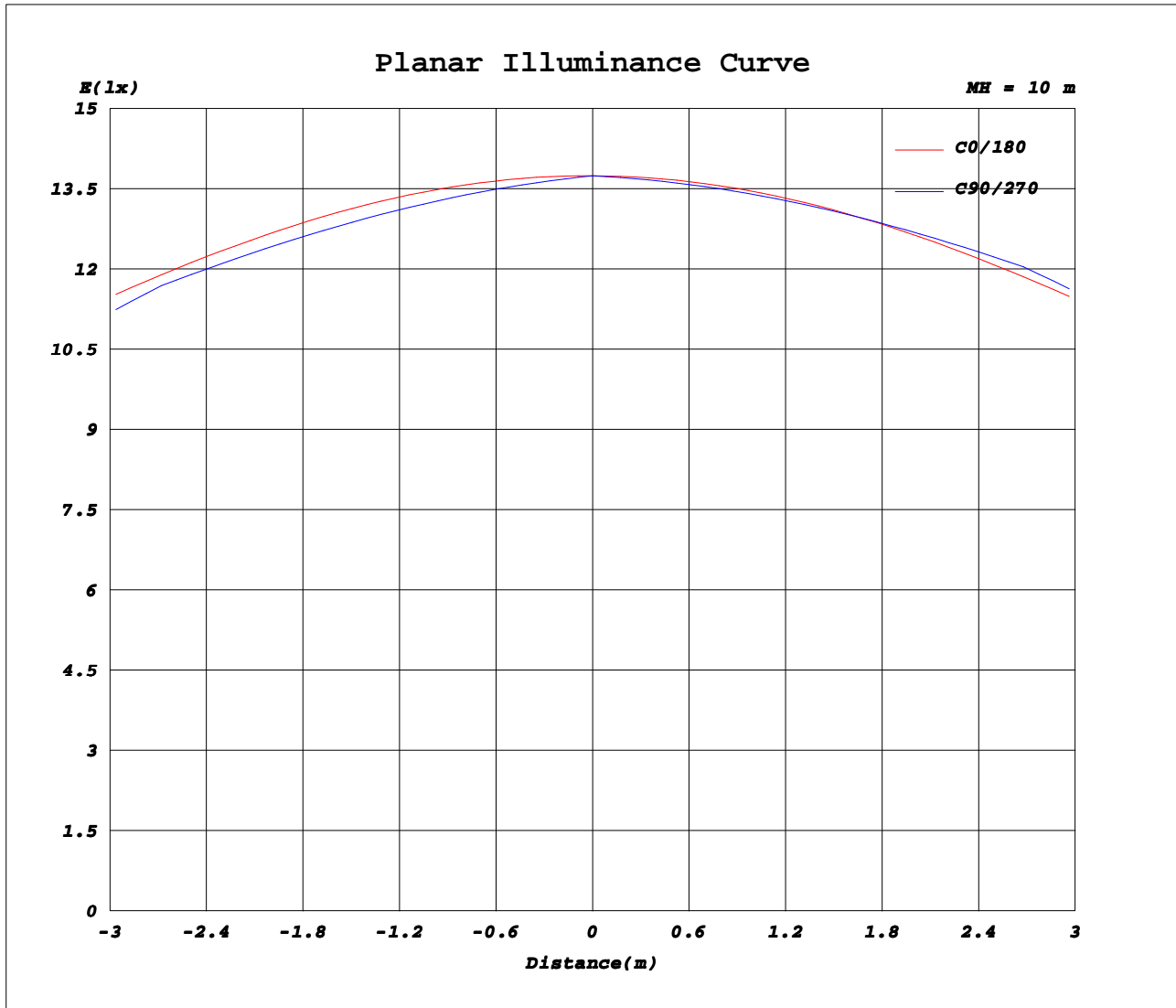
Test:U:220.70V I:0.1390A P:29.900W PF:0.9770 Freq:50.00Hz Lamp Flux:3350.32x1 lm		
Name: C400 32W 000 4000K(超高光效)	Type: 圆柱形	
MFR.:	DIM.: $\Phi 400 \times 60$ (mm)	
	SUR.: $\Phi 388$ (mm)	



H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2023-10-21

V(B) Range: -180 - 180DEG
V(B) Interval: 5.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks: 电源: LF-GIF040YS0800H 电源
灯板: C400-13S46P-V7.2、4X
C400-13S2P-V2.0 灯珠: NP2309
01-18 (亮锐, 0.2W 4000K 超高光效)
(正发光+背发光, 加防眩膜)

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-10-21

V(B) Range:-180 - 180DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks: 电源: LF-GIF040YS0800H 电源
灯板: C400-13S46P-V7.2 、4X
C400-13S2P-V2.0 灯珠: NP2309
01-18 (亮锐, 0.2W 4000K 超高光效)
(正发光+背发光, 加防眩膜)

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.70V I:0.1390A P:29.900W PF:0.9770 Freq:50.00Hz Lamp Flux:3350.32x1 lm																		
Name: C400 32W 000 4000K(超高光效)										Type: 圆柱形								
MFR.:										DIM.: ϕ 400*60 (mm)								
										SUR.: ϕ 388 (mm)								

Table--1

UNIT: cd

γ (DEG) \ C (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374
5	1369	1367	1365	1363	1362	1360	1359	1357	1356	1355	1354	1353	1352	1351	1350	1350	1349	1349	1348
10	1351	1347	1344	1342	1339	1337	1336	1333	1331	1329	1328	1327	1326	1325	1325	1324	1324	1324	1323
15	1320	1316	1312	1309	1307	1302	1299	1296	1294	1295	1296	1297	1298	1299	1299	1299	1299	1298	1297
20	1275	1270	1267	1264	1258	1253	1251	1254	1258	1261	1257	1249	1242	1237	1233	1229	1227	1226	1225
25	1215	1211	1209	1200	1193	1194	1201	1208	1191	1179	1169	1165	1163	1161	1159	1157	1155	1153	1150
30	1135	1131	1127	1113	1113	1127	1120	1096	1083	1082	1083	1083	1080	1079	1079	1080	1080	1079	1078
35	1016	1015	1001	984	1010	1001	964	959	968	969	970	975	961	946	933	923	914	907	903
40	827	838	810	818	835	790	789	793	786	796	798	790	773	758	748	742	737	732	730
45	633	649	615	648	612	607	600	576	590	603	590	574	566	564	564	565	563	559	555
50	492	499	484	487	466	457	434	436	423	403	394	384	393	415	434	446	453	451	448
55	370	374	379	358	360	340	340	317	295	274	275	283	301	325	344	354	354	346	338
60	271	271	281	284	274	276	262	243	226	214	211	218	229	244	256	261	256	243	232
65	214	210	212	221	226	221	214	199	183	168	156	152	164	182	197	204	202	194	187
70	169	171	172	175	174	169	164	154	142	131	125	125	130	139	147	151	152	149	145
75	129	127	126	129	126	123	115	113	108	102	99.1	97.7	97.5	98.6	100.0	101	102	102	101
80	97.2	85.3	83.8	84.5	83.9	82.7	78.6	74.3	71.3	71.3	71.4	69.9	67.7	66.7	66.9	68.1	69.6	70.5	69.9
85	33.0	36.5	36.3	37.3	40.7	43.9	44.4	41.7	39.8	39.5	39.7	38.9	37.8	37.2	37.3	37.9	38.6	38.8	38.3
90	9.34	10.8	10.8	10.3	10.2	11.3	11.4	10.5	9.51	8.75	8.26	7.97	7.71	7.55	7.40	7.30	7.19	7.09	7.02
95	12.9	20.2	18.0	17.1	19.5	21.5	21.0	19.9	19.0	18.3	17.8	17.4	17.1	16.8	16.5	16.3	16.2	16.0	16.0
100	27.9	30.8	31.5	31.3	31.2	31.8	30.9	29.7	28.8	28.1	27.5	26.9	26.4	26.0	25.6	25.4	25.2	25.0	24.9
105	39.1	40.6	41.2	42.1	41.7	42.2	41.3	40.7	39.8	38.9	38.2	37.6	36.8	36.1	35.4	34.9	34.4	34.1	33.9
110	48.7	50.9	51.4	51.9	52.4	51.9	52.0	51.6	50.8	50.6	50.4	49.8	49.2	48.8	48.5	48.2	48.0	47.9	47.8
115	59.4	60.2	60.6	61.6	63.2	63.0	63.4	62.9	63.8	63.4	62.4	61.7	61.6	61.7	61.9	61.9	61.9	61.8	61.8
120	71.8	72.8	75.3	75.5	74.7	76.2	75.3	77.6	76.8	76.4	76.4	76.2	75.8	75.5	75.5	75.5	75.5	75.6	75.7
125	86.3	88.0	90.1	87.9	90.1	89.6	90.8	89.4	90.7	91.7	90.8	90.0	89.8	90.0	90.2	90.2	90.3	90.3	90.2
130	100	102	102	104	103	104	103	104	104	103	104	105	105	105	105	105	105	105	105
135	113	116	114	118	116	116	117	117	117	117	117	117	117	118	118	119	119	119	119
140	126	127	126	128	129	127	128	129	129	129	129	130	129	129	129	129	129	129	129
145	136	137	137	137	139	140	138	138	139	140	140	140	140	140	140	140	140	140	140
150	146	146	147	146	147	148	149	148	147	148	148	149	149	149	149	149	150	150	150
155	153	153	154	154	154	154	155	157	156	155	155	155	155	155	156	156	156	156	156
160	160	160	160	160	160	160	160	161	162	162	163	162	162	162	161	161	161	161	161
165	165	165	165	165	165	165	165	165	165	165	166	166	166	167	167	167	167	167	167
170	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168
175	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170
180	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171

H(β) Range:-90 - 90DEG**H(β) Interval: 1.0DEG****Test Speed: HIGH****Temperature:25.3DEG****Operators:DAMIN****Test Date:2023-10-21****V(B) Range:-180 - 180DEG****V(B) Interval: 5.0DEG****Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443****Humidity:65.0%****Test Distance:8.000m [K=0.7063]****Remarks: 电源: LF-GIF040YS0800H 电源****灯板: C400-13S46P-V7.2 、4X****C400-13S2P-V2.0 灯珠: NP2309****01-18 (亮锐, 0.2W 4000K 超高光效)****(正发光+背发光, 加防眩膜)**

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.70V I:0.1390A P:29.900W PF:0.9770 Freq:50.00Hz Lamp Flux:3350.32x1 lm		
Name: C400 32W 000 4000K(超高光效)	Type: 圆柱形	
MFR.:	DIM.: $\phi 400 \times 60$ (mm)	
	SUR.: $\phi 388$ (mm)	

Table--2

UNIT: cd

γ (DEG) \ C (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374
5	1348	1348	1348	1348	1348	1349	1349	1350	1351	1352	1353	1355	1356	1358	1360	1363	1365	1367	1366
10	1323	1323	1323	1322	1322	1322	1322	1322	1322	1322	1323	1323	1326	1329	1333	1337	1342	1348	1345
15	1296	1295	1293	1292	1291	1289	1288	1288	1288	1289	1288	1287	1287	1288	1292	1299	1307	1315	1310
20	1224	1224	1225	1226	1228	1231	1234	1239	1241	1240	1241	1242	1241	1239	1238	1245	1256	1269	1261
25	1148	1147	1145	1145	1145	1147	1152	1158	1162	1168	1177	1176	1179	1179	1175	1176	1191	1209	1197
30	1076	1073	1070	1066	1061	1056	1050	1049	1055	1067	1074	1085	1092	1097	1095	1089	1103	1129	1112
35	901	903	908	916	927	942	955	941	925	917	931	951	962	971	982	968	976	1019	988
40	729	731	735	739	744	747	754	767	780	759	734	747	778	776	785	785	776	840	790
45	553	553	555	557	560	567	575	575	560	556	546	527	545	568	564	591	569	628	586
50	445	443	441	432	415	393	388	404	409	383	366	376	383	408	418	432	430	472	446
55	335	336	341	342	337	326	311	287	258	261	266	271	293	304	324	322	327	350	335
60	228	233	245	258	263	254	237	222	207	189	183	209	229	253	256	263	262	261	252
65	184	187	194	202	205	198	184	169	158	155	158	166	184	198	213	215	212	206	196
70	142	144	149	154	153	146	136	127	126	131	135	139	147	150	154	157	161	164	153
75	100.0	102	104	104	103	101	98.4	96.2	96.6	99.3	102	107	109	111	113	119	124	130	125
80	68.9	69.9	70.8	69.5	67.5	65.5	64.7	65.1	66.2	66.0	67.0	69.7	71.3	73.1	71.0	68.1	72.5	97.6	93.1
85	37.9	38.5	38.7	37.9	36.9	36.1	35.8	36.3	37.3	37.0	36.6	37.0	36.4	32.1	31.8	29.1	21.3	28.5	31.2
90	6.96	6.93	6.92	6.94	6.99	7.06	7.11	7.29	7.96	7.76	7.95	8.86	8.57	8.40	8.34	8.83	9.54	6.99	8.83
95	15.9	15.9	16.0	16.1	16.3	16.5	16.7	17.1	17.6	17.7	18.1	18.9	18.9	16.5	16.6	17.4	18.3	16.6	13.4
100	24.9	24.9	25.0	25.2	25.6	26.0	26.4	26.7	27.1	27.6	28.4	29.5	29.8	30.9	30.9	31.0	31.7	32.8	22.4
105	33.9	34.0	34.5	35.1	35.8	36.6	37.5	38.2	38.8	39.2	39.5	40.8	41.0	41.3	41.4	42.0	41.9	43.1	40.2
110	47.9	48.0	48.2	48.4	48.7	49.1	49.5	49.9	50.7	51.6	51.4	51.1	51.8	51.4	51.0	50.9	50.9	52.5	50.6
115	61.7	61.7	61.7	61.7	61.8	62.1	62.5	62.9	62.9	62.9	63.4	62.7	62.9	62.1	63.5	63.0	62.5	62.7	62.2
120	75.8	75.8	75.8	75.7	75.6	75.5	75.6	76.3	77.0	76.3	75.1	76.1	75.0	76.5	74.0	74.1	74.2	73.1	72.7
125	90.1	90.1	90.0	90.0	90.1	90.3	90.6	90.5	90.1	90.0	90.1	88.8	90.7	88.5	89.8	87.9	87.4	91.3	87.3
130	105	105	105	105	105	104	104	104	104	103	103	105	103	103	102	102	100	108	102
135	119	119	118	118	118	117	117	116	116	117	118	116	115	116	115	115	113	121	116
140	129	129	129	129	129	129	128	129	130	129	127	127	128	127	127	126	125	134	130
145	140	139	139	140	140	141	141	140	139	138	138	139	138	138	138	136	136	145	142
150	150	150	149	149	149	148	147	147	147	148	147	147	147	147	146	145	145	154	151
155	155	155	155	155	155	155	155	155	155	155	155	154	154	153	153	152	153	162	160
160	161	161	161	161	161	161	161	161	161	161	160	160	159	159	158	159	159	168	167
165	167	167	166	166	166	166	165	165	165	165	164	164	164	163	164	164	164	173	172
170	168	168	168	168	168	168	168	168	168	167	167	167	167	167	168	168	168	177	176
175	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	179	179
180	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	180	180

H(β) Range:-90 - 90DEG**H(β) Interval: 1.0DEG****Test Speed: HIGH****Temperature:25.3DEG****Operators:DAMIN****Test Date:2023-10-21****V(B) Range:-180 - 180DEG****V(B) Interval: 5.0DEG****Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443****Humidity:65.0%****Test Distance:8.000m [K=0.7063]****Remarks: 电源: LF-GIF040YS0800H 电源****灯板: C400-13S46P-V7.2 、4X****C400-13S2P-V2.0 灯珠: NP2309****01-18 (亮锐, 0.2W 4000K 超高光效)****(正发光+背发光, 加防眩膜)**

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.70V I:0.1390A P:29.900W PF:0.9770 Freq:50.00Hz Lamp Flux:3350.32x1 lm		
Name: C400 32W 000 4000K(超高光效)	Type: 圆柱形	
MFR.:	DIM.: $\phi 400 \times 60$ (mm)	
	SUR.: $\phi 388$ (mm)	

Table--3

UNIT: cd

γ (DEG) \ C (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374
5	1365	1364	1363	1362	1361	1361	1360	1360	1360	1360	1360	1360	1360	1361	1361	1361	1361	1362	1362
10	1342	1340	1338	1337	1337	1338	1339	1341	1342	1343	1345	1346	1347	1348	1348	1349	1349	1349	1349
15	1306	1303	1302	1304	1307	1311	1315	1317	1319	1321	1324	1326	1329	1331	1333	1335	1336	1336	1336
20	1255	1253	1258	1264	1270	1272	1275	1279	1281	1281	1281	1281	1281	1281	1281	1282	1282	1282	1283
25	1189	1194	1203	1209	1212	1217	1217	1217	1219	1218	1218	1219	1220	1222	1224	1226	1227	1228	1229
30	1106	1120	1129	1131	1134	1136	1138	1136	1136	1141	1149	1156	1163	1167	1171	1172	1173	1173	1172
35	992	1016	1015	1019	1026	1023	1023	1038	1056	1073	1056	1042	1034	1029	1026	1025	1025	1026	1030
40	815	829	836	859	849	857	900	921	895	876	871	873	876	879	879	878	876	875	875
45	624	612	634	630	640	692	691	681	685	687	689	695	706	716	725	728	729	727	725
50	467	466	463	457	479	474	488	498	481	467	490	531	561	577	583	583	582	581	579
55	340	355	338	348	346	357	346	323	333	355	382	410	431	439	438	435	436	439	441
60	250	257	269	271	282	271	260	252	246	248	266	291	309	309	297	289	290	295	300
65	199	209	213	226	227	220	204	185	170	170	190	214	233	242	240	238	239	240	241
70	154	159	169	177	172	168	155	144	139	141	153	168	182	189	190	189	188	187	189
75	126	128	131	129	127	125	124	120	119	121	124	128	131	133	137	140	137	134	137
80	93.9	94.8	95.3	91.7	90.8	88.9	88.0	89.0	90.5	90.1	88.7	88.4	89.0	91.3	94.6	95.9	93.6	92.0	94.1
85	42.8	46.2	49.6	52.9	51.9	49.5	48.2	48.3	48.5	48.3	47.6	47.5	47.8	48.9	50.7	51.9	51.1	50.1	50.9
90	9.80	10.1	10.4	10.2	9.73	8.50	7.53	7.21	6.62	6.57	6.77	7.03	7.29	7.54	7.74	7.88	7.99	8.07	8.01
95	13.3	13.0	13.8	16.2	16.1	15.2	14.3	13.9	13.4	12.8	13.0	13.0	13.0	13.0	13.1	13.1	13.2	13.3	13.3
100	21.1	22.1	25.0	25.2	24.4	22.8	21.2	20.4	20.0	19.1	19.3	19.0	18.7	18.6	18.5	18.5	18.4	18.5	18.5
105	37.8	36.8	36.7	35.9	35.0	33.4	32.4	31.5	30.0	28.3	27.8	26.6	25.6	24.8	24.2	23.8	23.7	23.8	24.1
110	49.2	48.1	47.5	47.0	45.5	44.9	44.3	43.2	41.2	39.9	39.7	38.8	38.0	37.4	37.0	36.6	36.5	36.5	36.8
115	61.7	61.0	58.7	58.5	57.3	57.0	55.5	54.9	52.2	53.0	52.0	51.1	50.4	49.9	49.6	49.4	49.4	49.4	49.6
120	72.8	71.9	73.4	70.8	70.7	68.3	68.5	66.2	64.4	66.3	65.5	64.6	63.8	63.2	62.7	62.4	62.2	62.2	62.4
125	86.3	86.3	84.6	86.1	83.0	83.0	81.5	75.9	80.5	81.6	80.7	79.7	79.0	78.5	78.1	77.9	78.0	78.1	78.3
130	101	100	100	98.3	98.9	96.6	94.2	95.9	96.4	95.7	95.3	94.9	94.6	94.3	94.0	93.8	93.7	93.7	93.9
135	118	116	115	113	112	115	112	111	110	110	110	109	109	109	109	109	109	110	110
140	130	129	128	128	126	125	126	126	125	123	123	123	122	122	122	122	122	122	122
145	141	141	140	139	139	138	136	137	137	138	137	136	135	135	135	135	135	135	135
150	150	150	150	149	149	148	148	147	146	146	146	147	147	147	147	147	147	147	147
155	158	158	158	158	157	157	157	156	156	155	155	155	155	155	155	155	155	155	155
160	165	164	164	164	164	164	164	164	164	163	163	163	163	162	162	162	162	162	162
165	171	170	170	170	169	169	169	169	169	169	169	169	169	169	170	170	170	170	170
170	175	175	174	174	174	173	173	173	173	173	173	173	173	173	173	173	173	173	173
175	178	178	178	178	177	177	177	177	177	177	176	176	176	176	176	176	176	176	176
180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180

H(β) Range:-90 - 90DEG**H(β) Interval: 1.0DEG****Test Speed: HIGH****Temperature:25.3DEG****Operators:DAMIN****Test Date:2023-10-21****V(B) Range:-180 - 180DEG****V(B) Interval: 5.0DEG****Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443****Humidity:65.0%****Test Distance:8.000m [K=0.7063]****Remarks: 电源: LF-GIF040YS0800H 电源****灯板: C400-13S46P-V7.2、4X****C400-13S2P-V2.0 灯珠: NP2309****01-18 (亮锐, 0.2W 4000K 超高光效)****(正发光+背发光, 加防眩膜)**

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.70V I:0.1390A P:29.900W PF:0.9770 Freq:50.00Hz Lamp Flux:3350.32x1 lm																	
Name: C400 32W 000 4000K(超高光效)									Type: 圆柱形								
MFR.:									DIM.: $\phi 400 \times 60$ (mm)								
									SUR.: $\phi 388$ (mm)								

Table--4

UNIT: cd

γ (DEG) \ C (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374	1374				
5	1362	1362	1363	1363	1363	1364	1364	1364	1365	1365	1366	1366	1367	1367	1368				
10	1349	1349	1348	1348	1347	1347	1347	1347	1348	1348	1348	1348	1348	1348	1349	1350			
15	1336	1335	1333	1331	1329	1326	1322	1319	1318	1318	1319	1320	1319	1319	1319				
20	1284	1285	1287	1290	1293	1298	1297	1290	1283	1277	1275	1276	1278	1276	1275				
25	1229	1229	1228	1227	1225	1225	1229	1236	1246	1234	1223	1217	1219	1221	1217				
30	1169	1167	1164	1162	1161	1157	1152	1147	1153	1167	1165	1146	1139	1145	1140				
35	1035	1043	1052	1064	1076	1069	1065	1060	1047	1041	1061	1060	1028	1031	1030				
40	877	881	888	899	912	922	932	923	914	890	873	909	876	848	858				
45	724	721	717	712	710	722	738	723	689	685	673	666	698	640	663				
50	577	573	564	546	524	513	504	511	504	475	489	491	508	494	503				
55	442	443	438	420	391	364	343	341	341	356	356	375	365	378	374				
60	307	319	328	324	307	278	254	245	245	257	279	291	296	290	279				
65	242	246	248	238	217	201	193	190	191	200	216	236	243	234	227				
70	192	195	194	187	175	159	146	143	153	164	172	181	190	190	186				
75	142	144	141	137	131	124	120	120	124	128	131	131	134	136	137				
80	97.1	96.6	94.2	92.1	91.5	92.3	94.1	95.8	93.2	90.7	91.0	90.8	95.3	100	102				
85	52.5	52.4	50.9	49.6	49.2	49.7	50.8	52.1	52.1	51.6	52.4	50.2	44.9	46.0	51.2				
90	7.86	7.46	7.17	6.97	7.00	7.39	8.00	9.05	10.3	11.3	11.7	11.8	11.2	10.5	9.37				
95	13.3	13.1	13.1	13.1	13.3	13.7	14.2	15.0	16.0	16.5	16.8	14.5	12.3	13.2	14.3				
100	18.6	18.7	18.9	19.2	19.6	20.1	20.6	21.4	23.0	24.2	25.7	24.2	23.1	22.4	23.7				
105	24.6	25.4	26.4	27.6	28.7	29.9	31.2	32.6	34.1	35.0	36.2	36.8	38.0	37.6	39.5				
110	37.1	37.8	38.6	39.6	40.7	41.9	42.9	43.8	45.2	46.5	47.0	48.6	49.7	50.7	51.8				
115	49.8	50.2	50.8	51.6	52.4	53.9	55.5	56.5	56.7	58.3	58.9	60.3	60.4	60.8	61.7				
120	62.8	63.5	64.6	65.8	67.1	67.9	68.5	69.3	70.6	70.4	72.5	72.0	74.4	75.8	74.8				
125	78.7	79.1	79.7	80.4	81.3	82.6	83.9	83.8	83.8	86.4	86.3	88.2	87.5	91.3	90.6				
130	94.2	94.7	95.4	96.4	97.1	96.9	96.8	98.3	100	100	102	102	104	104	106				
135	110	110	110	110	110	111	112	113	114	115	115	116	119	117	120				
140	122	123	123	124	125	125	126	126	127	127	128	131	130	130	132				
145	135	136	136	137	137	137	138	138	138	139	141	142	140	142	143				
150	147	147	147	147	147	147	147	148	149	151	151	150	151	152	152				
155	155	155	155	155	156	156	157	158	159	159	158	158	159	160	160				
160	163	163	163	164	164	165	165	165	165	164	165	165	166	167	167				
165	170	170	170	170	170	170	170	169	170	170	171	171	171	172	172				
170	173	173	173	173	173	174	174	174	174	175	175	175	175	176	176				
175	176	176	177	177	177	177	177	177	177	178	178	178	178	178	179				
180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180				

H(β) Range:-90 - 90DEG**H(β) Interval: 1.0DEG****Test Speed: HIGH****Temperature:25.3DEG****Operators:DAMIN****Test Date:2023-10-21****V(B) Range:-180 - 180DEG****V(B) Interval: 5.0DEG****Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443****Humidity:65.0%****Test Distance:8.000m [K=0.7063]****Remarks: 电源: LF-GIF040YS0800H 电源****灯板: C400-13S46P-V7.2 、4X****C400-13S2P-V2.0 灯珠: NP2309****01-18 (亮锐, 0.2W 4000K 超高光效)****(正发光+背发光, 加防眩膜)**