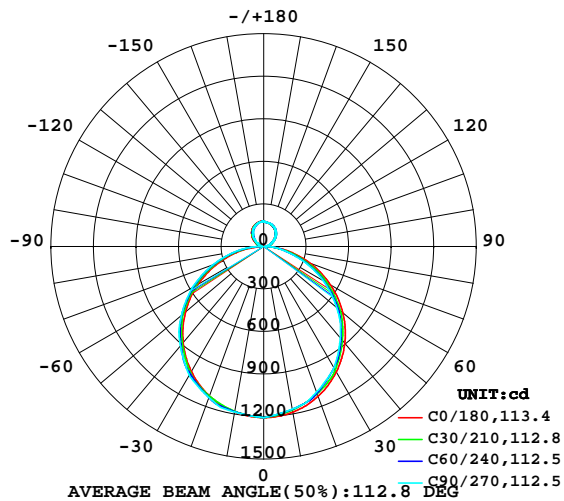


LUMINAIRE PHOTOMETRIC TEST REPORT

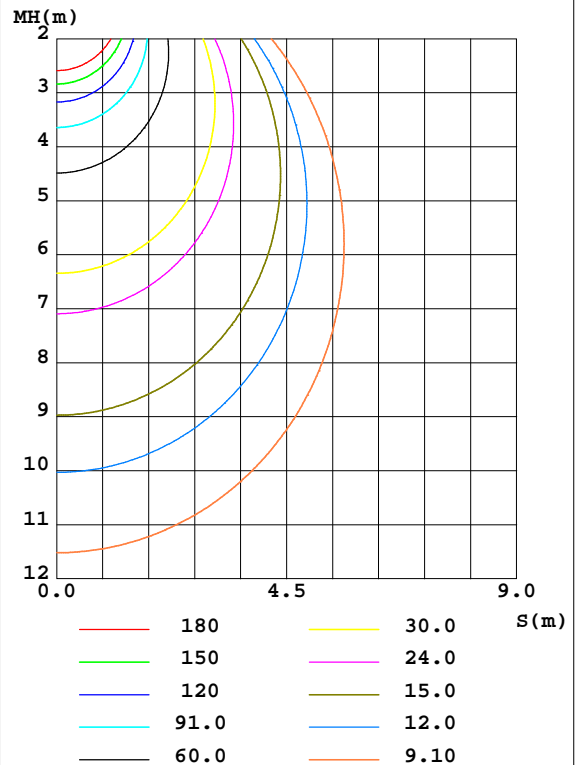
Test:U:220.70V I:0.1380A P:29.800W PF:0.9770 Freq:50.00Hz Lamp Flux:3990.74x1 lm		
Name: C400 32W 000 4000K(超高光效)	Type: 圆柱形	
MFR.:	DIM.: $\phi 400 \times 60$ (mm)	
	SUR.: $\phi 388$ (mm)	

DATA OF LAMP		PHOTOMETRIC DATA Eff: 133.92 lm/W			
MODEL		Imax(cd)	1207	S/MH(C0/180)	1.26
NOMINAL POWER(W)	32	LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	3990.7	η UP,DN(C0-180)	6.6,41.9
NOMINAL FLUX(lm)	3990.74	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	6.2,45.4
LAMPS INSIDE	1	η up(%)	12.7	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220.8	η down(%)	87.3	CIBSE SHR MAX	1.35

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, 不加防眩膜)

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

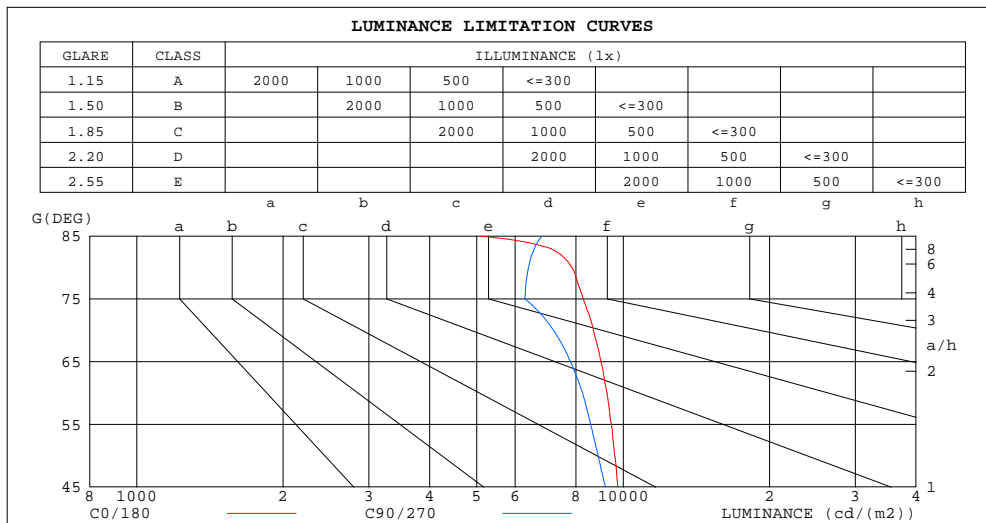
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1186	1167	1165	1166	1185	1181	1186	1182	0- 10	113.4	113.4	2.84,2.84
20	1124	1108	1093	1105	1121	1135	1134	1138	10- 20	325.2	438.7	11,11
30	1024	993.7	991.9	989.8	1019	1031	1051	1034	20- 30	492.9	931.5	23.3,23.3
40	890.5	861.7	841.8	857.7	884.8	909.7	914.7	912.3	30- 40	595.6	1527	38.3,38.3
50	728.9	691.0	673.5	685.4	720.3	744.9	758.1	748.9	40- 50	619.6	2147	53.8,53.8
60	546.2	504.7	487.0	498.7	534.3	563.6	581.2	567.6	50- 60	561.8	2709	67.9,67.9
70	350.6	309.2	290.1	304.7	336.4	370.6	381.6	372.8	60- 70	432.7	3141	78.7,78.7
80	160.8	125.4	130.9	122.0	146.0	177.3	193.3	179.4	70- 80	256.5	3398	85.1,85.1
90	11.89	11.20	9.235	10.12	9.437	12.55	16.26	14.20	80- 90	84.98	3483	87.3,87.3
100	30.85	29.08	26.41	28.54	32.23	20.94	21.07	21.33	90-100	20.09	3503	87.8,87.8
110	50.87	51.50	48.85	51.80	53.28	41.66	35.90	42.56	100-110	37.79	3541	88.7,88.7
120	74.58	77.82	76.55	77.59	77.50	67.84	60.74	68.43	110-120	58.56	3599	90.2,90.2
130	103.5	105.4	106.2	105.5	106.9	96.82	92.81	97.28	120-130	77.85	3677	92.1,92.1
140	128.9	131.7	131.6	132.4	133.6	126.3	121.7	126.4	130-140	89.15	3766	94.4,94.4
150	148.6	150.0	152.8	150.1	154.6	147.8	147.5	148.0	140-150	87.51	3854	96.6,96.6
160	162.4	164.4	164.2	164.3	168.8	165.4	163.0	165.7	150-160	72.61	3926	98.4,98.4
170	170.8	170.4	171.1	170.5	177.6	174.4	174.0	174.4	160-170	47.81	3974	99.6,99.6
180	173.7	173.7	173.7	173.7	180.3	180.3	180.3	180.3	170-180	16.65	3991	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, 不加防眩膜)

LUMINANCE LIMITATION CURVES

Test:U:220.70V I:0.1380A P:29.800W PF:0.9770 Freq:50.00Hz Lamp Flux:3990.74x1 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	5106	6813
80	7849	6388
75	8281	6278
70	8688	7189
65	8999	7792
60	9257	8254
55	9456	8573
50	9610	8880
45	9749	9190

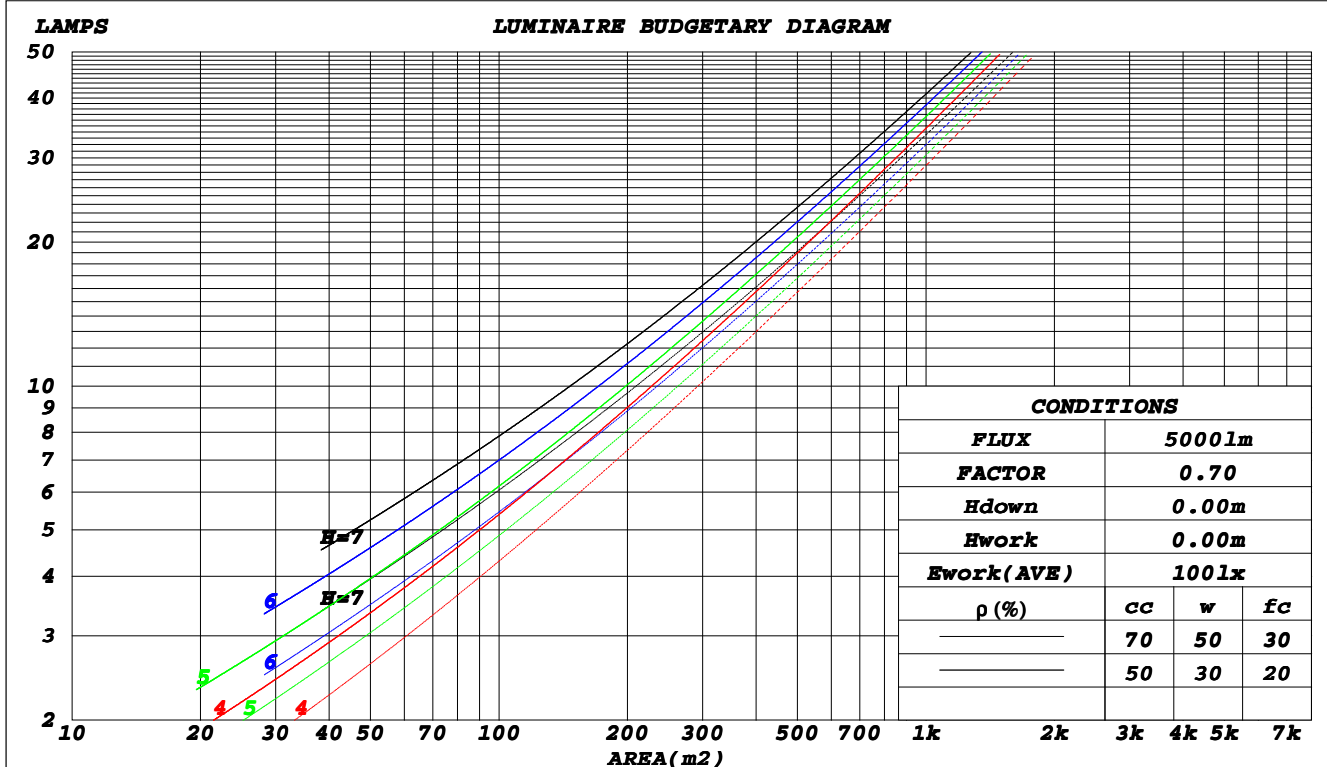
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-10-21

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, 不加防眩膜)

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.70V I:0.1380A P:29.800W PF:0.9770 Freq:50.00Hz		
Lamp Flux:3990.74x1 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	1.16	1.16	1.16	1.12	1.12	1.12	1.04	1.04	1.04	.97	.97	.97	.90	.90	.90	.87
1.0	1.01	.96	.93	.97	.93	.90	.91	.88	.85	.85	.82	.80	.79	.77	.75	.72
2.0	.88	.81	.75	.85	.78	.73	.79	.74	.70	.74	.70	.66	.69	.66	.63	.60
3.0	.77	.69	.62	.74	.67	.61	.70	.63	.58	.65	.60	.56	.61	.57	.53	.50
4.0	.68	.59	.53	.66	.58	.52	.62	.55	.49	.58	.52	.47	.54	.49	.46	.43
5.0	.61	.52	.45	.59	.50	.44	.55	.48	.43	.52	.46	.41	.49	.44	.39	.37
6.0	.54	.46	.39	.53	.45	.39	.50	.43	.37	.47	.41	.36	.44	.39	.35	.32
7.0	.49	.41	.35	.48	.40	.34	.45	.38	.33	.43	.36	.32	.40	.35	.31	.29
8.0	.45	.36	.31	.44	.36	.30	.41	.34	.29	.39	.33	.28	.37	.32	.27	.25
9.0	.41	.33	.28	.40	.32	.27	.38	.31	.26	.36	.30	.26	.34	.29	.25	.23
10.0	.38	.30	.25	.37	.30	.25	.35	.28	.24	.33	.27	.23	.32	.26	.22	.21



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, 不加防眩膜)

WEC AND CCEC

Test:U:220.70V I:0.1380A P:29.800W PF:0.9770 Freq:50.00Hz Lamp Flux:3990.74x1 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						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.310	.176	.056	.299	.171	.054	.279	.160	.051	.260	.150	.048	.243	.141	.045		
2.0	.289	.158	.049	.279	.154	.047	.261	.145	.045	.244	.137	.043	.228	.129	.041		
3.0	.266	.142	.042	.258	.138	.042	.241	.131	.040	.226	.124	.038	.212	.117	.036		
4.0	.245	.128	.037	.237	.124	.037	.223	.118	.035	.209	.112	.034	.196	.106	.032		
5.0	.227	.115	.033	.219	.113	.033	.206	.107	.032	.193	.102	.030	.182	.097	.029		
6.0	.210	.105	.030	.204	.103	.030	.191	.098	.029	.180	.093	.027	.169	.089	.026		
7.0	.195	.097	.027	.190	.094	.027	.178	.090	.026	.168	.086	.025	.158	.082	.024		
8.0	.182	.089	.025	.177	.087	.025	.167	.083	.024	.157	.080	.023	.148	.076	.022		
9.0	.171	.083	.023	.166	.081	.023	.157	.077	.022	.148	.074	.021	.139	.071	.020		
10.0	.161	.077	.021	.156	.075	.021	.147	.072	.020	.139	.069	.020	.132	.066	.019		

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	.287	.287	.287	.246	.246	.246	.168	.168	.168	.096	.096	.096	.031	.031	.031	
1.0	.278	.254	.232	.238	.218	.200	.163	.150	.138	.094	.087	.080	.030	.028	.026	
2.0	.270	.230	.197	.232	.198	.170	.159	.137	.119	.091	.080	.070	.029	.026	.023	
3.0	.263	.213	.174	.225	.184	.151	.155	.128	.106	.089	.075	.062	.029	.024	.020	
4.0	.255	.200	.158	.219	.173	.138	.151	.121	.097	.087	.071	.057	.028	.023	.019	
5.0	.248	.190	.147	.213	.165	.128	.147	.115	.091	.085	.067	.054	.027	.022	.018	
6.0	.241	.182	.140	.207	.158	.122	.143	.110	.086	.083	.065	.051	.027	.021	.017	
7.0	.234	.175	.134	.202	.152	.117	.139	.107	.083	.081	.063	.049	.026	.021	.016	
8.0	.228	.170	.130	.196	.147	.113	.136	.103	.080	.079	.061	.048	.026	.020	.016	
9.0	.222	.165	.126	.191	.143	.110	.133	.101	.078	.077	.059	.047	.025	.020	.015	
10.0	.217	.161	.124	.187	.140	.108	.130	.098	.077	.076	.058	.046	.025	.019	.015	

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, 不加防眩膜)

UGR(Unified Glare Rating) Table

Test:U:220.70V I:0.1380A P:29.800W PF:0.9770 Freq:50.00Hz Lamp Flux:3990.74x1 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	18.9	20.3	19.5	20.9	21.5	18.4	19.8	19.0	20.4	21.0
3H	20.8	22.1	21.4	22.6	23.3	20.1	21.4	20.7	21.9	22.6
4H	21.6	22.7	22.1	23.3	24.0	20.7	21.8	21.3	22.4	23.1
6H	22.0	23.1	22.6	23.7	24.4	21.2	22.2	21.8	22.8	23.5
8H	22.2	23.2	22.8	23.8	24.5	21.4	22.4	22.0	23.0	23.7
12H	22.2	23.2	22.8	23.8	24.5	21.5	22.5	22.1	23.1	23.8
4H 2H	19.5	20.6	20.1	21.2	21.9	19.0	20.2	19.6	20.8	21.5
3H	21.6	22.5	22.2	23.2	23.9	20.9	21.9	21.5	22.5	23.2
4H	22.4	23.3	23.0	23.9	24.7	21.6	22.5	22.2	23.1	23.9
6H	23.0	23.8	23.7	24.5	25.2	22.2	23.0	22.9	23.7	24.4
8H	23.2	23.9	23.8	24.6	25.3	22.5	23.2	23.1	23.9	24.6
12H	23.3	23.9	23.9	24.6	25.4	22.7	23.4	23.4	24.1	24.8
8H 4H	22.7	23.4	23.3	24.0	24.8	21.9	22.7	22.6	23.3	24.0
6H	23.4	24.0	24.1	24.7	25.4	22.7	23.3	23.3	24.0	24.7
8H	23.6	24.2	24.3	24.9	25.6	23.0	23.6	23.7	24.3	25.0
12H	23.8	24.3	24.5	24.9	25.8	23.3	23.8	24.0	24.5	25.3
12H 4H	22.7	23.3	23.3	24.0	24.8	21.9	22.6	22.6	23.3	24.0
6H	23.4	24.0	24.1	24.7	25.5	22.7	23.3	23.4	24.0	24.8
8H	23.7	24.2	24.4	24.9	25.7	23.1	23.6	23.8	24.3	25.1
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, 不加防眩膜)

UTILIZATION FACTORS TABLE

Test:U:220.70V I:0.1380A P:29.800W PF:0.9770 Freq:50.00Hz Lamp Flux:3990.74x1 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)	

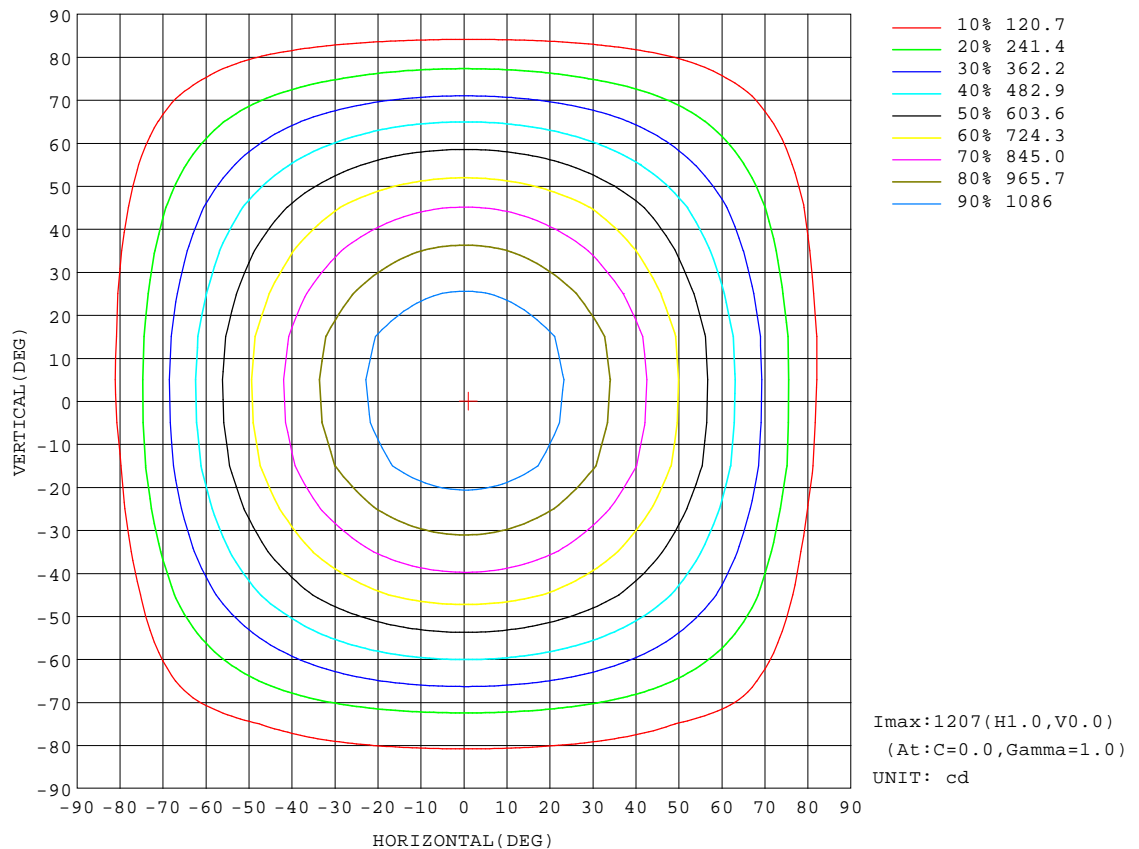
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	54	42	35	52	42	35	50	41	34	28
0.80	64	52	44	62	51	44	59	49	43	35
1.00	72	60	53	70	59	52	66	59	51	43
1.25	79	68	61	77	67	60	72	64	58	49
1.50	84	74	66	81	72	65	77	69	63	53
2.00	91	82	75	88	80	74	83	76	71	60
2.50	95	87	80	92	84	79	86	80	75	64
3.00	98	91	85	95	89	83	89	84	79	67
4.00	102	96	91	99	94	89	92	88	85	72
5.00	105	100	96	101	97	93	95	91	88	74
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

$H(\beta)$ Range:-90 - 90DEG
 $H(\beta)$ 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, 不加防眩膜)

ISOCANDELA DIAGRAM

Test:U:220.70V I:0.1380A P:29.800W PF:0.9770 Freq:50.00Hz Lamp Flux:3990.74x1 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)	



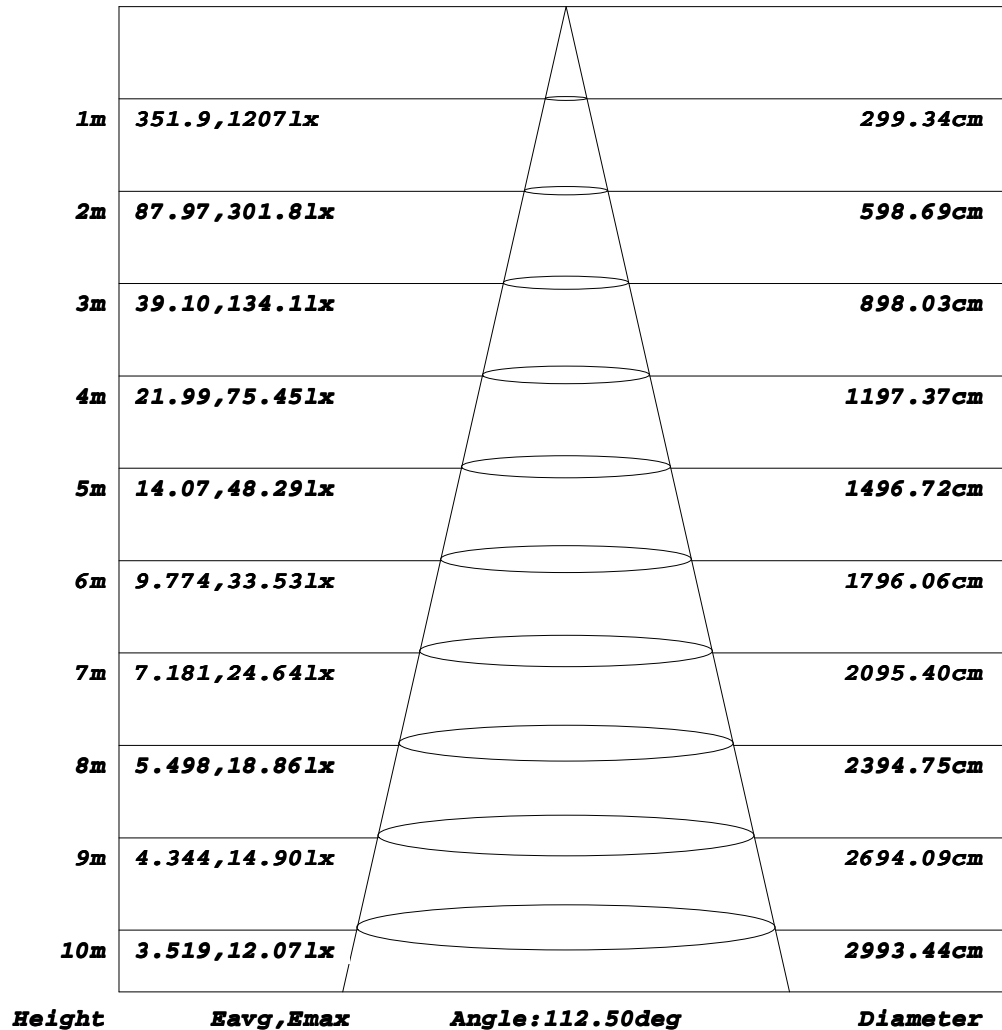
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-10-21

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, 不加防眩膜)

AAI Figure

Test:U:220.70V I:0.1380A P:29.800W PF:0.9770 Freq:50.00Hz Lamp Flux:3990.74x1 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:2523 lm



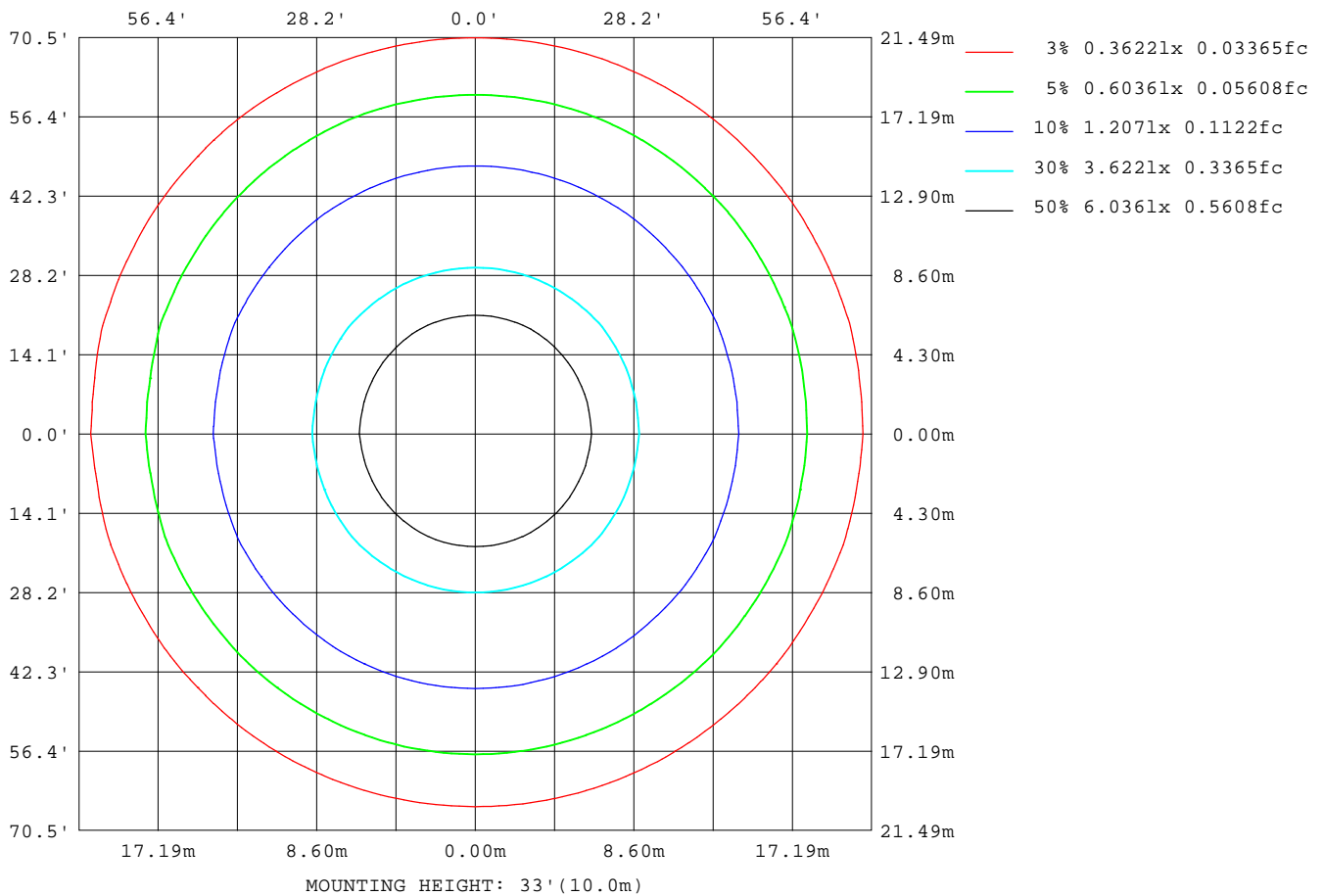
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

V(B) Range: -180 - 180 DEG
V(B) Interval: 5.0 DEG
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, 不加防眩膜)

ISOLUX DIAGRAM

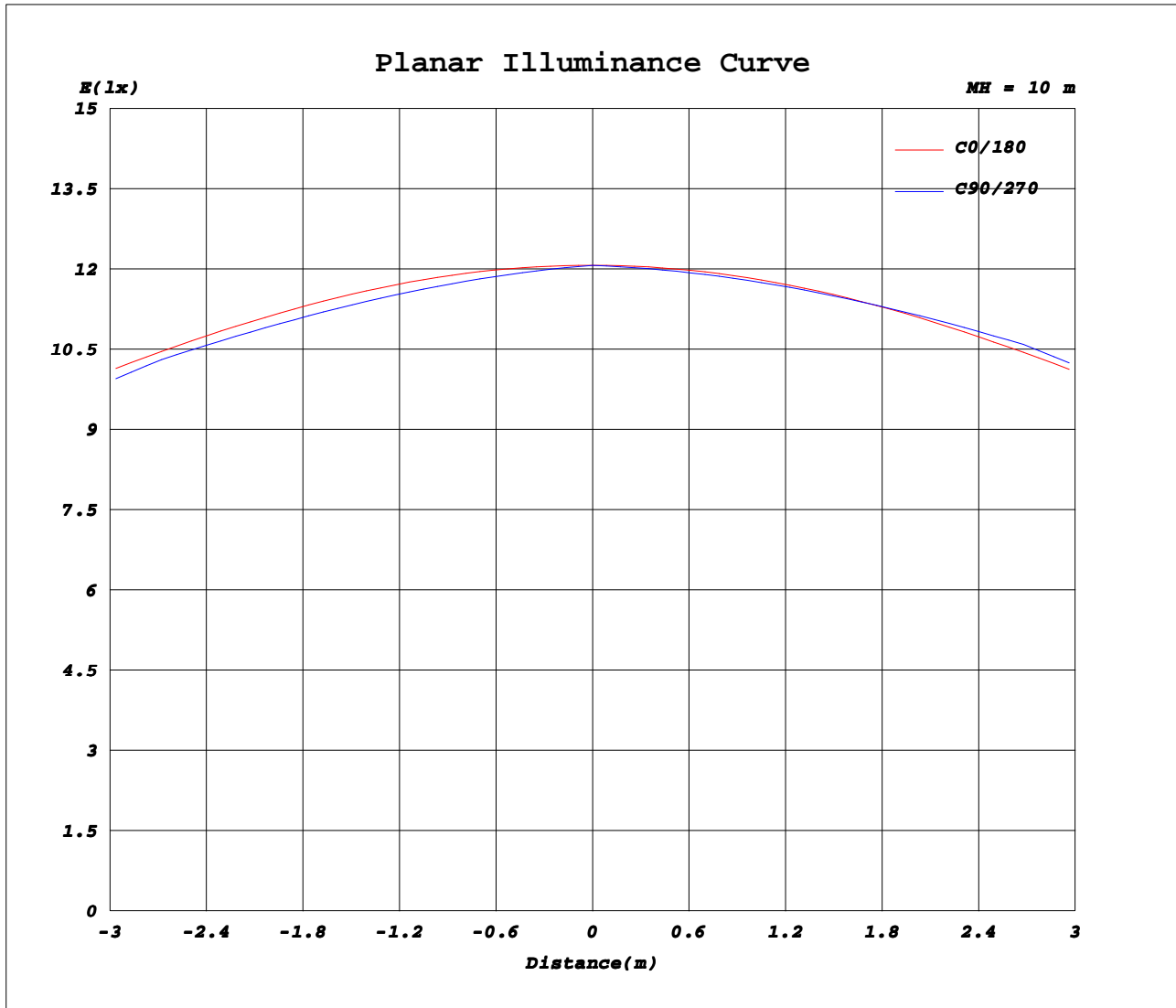
Test:U:220.70V I:0.1380A P:29.800W PF:0.9770 Freq:50.00Hz Lamp Flux:3990.74x1 lm		
Name: C400 32W 000 4000K(超高光效)	Type: 圆柱形	
MFR.:	DIM.: $\Phi 400 \times 60$ (mm)	
	SUR.: $\Phi 388$ (mm)	



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, 不加防眩膜)

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, 不加防眩膜)

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.70V I:0.1380A P:29.800W PF:0.9770 Freq:50.00Hz Lamp Flux:3990.74x1 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	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207
5	1202	1200	1199	1197	1196	1194	1193	1192	1191	1190	1189	1188	1188	1187	1187	1187	1186	1186	1186
10	1186	1183	1180	1177	1175	1173	1171	1170	1168	1167	1167	1166	1166	1166	1165	1165	1165	1165	1165
15	1161	1156	1151	1148	1145	1143	1141	1140	1140	1140	1141	1141	1142	1142	1143	1143	1144	1144	1144
20	1124	1118	1113	1109	1107	1105	1105	1106	1107	1108	1107	1103	1101	1099	1096	1095	1094	1093	1093
25	1078	1071	1066	1062	1061	1061	1063	1065	1059	1054	1051	1048	1046	1045	1044	1043	1043	1042	1043
30	1024	1015	1010	1007	1008	1010	1008	1001	997	994	992	990	990	990	991	991	991	992	992
35	961	952	947	946	948	946	938	933	931	930	931	932	928	924	921	920	918	917	917
40	891	881	877	878	878	870	864	862	862	862	856	852	848	846	845	844	843	842	842
45	813	804	802	805	795	789	787	789	782	777	773	771	769	768	768	768	767	767	767
50	729	720	720	718	710	707	706	698	694	691	690	690	686	683	679	677	675	674	674
55	640	632	634	625	620	620	611	608	606	605	599	594	590	587	585	583	582	581	580
60	546	539	539	530	530	521	517	517	511	505	500	497	494	492	490	489	488	487	487
65	449	443	438	436	429	426	421	415	410	406	403	400	397	395	393	391	390	389	389
70	351	347	341	336	333	327	321	316	313	309	306	302	299	297	295	293	291	290	290
75	253	249	242	240	235	231	226	221	218	214	210	206	202	199	197	195	193	192	192
80	161	137	130	133	138	140	135	130	125	125	127	128	129	129	130	130	131	131	131
85	52.5	44.1	48.1	51.8	54.5	63.1	65.8	66.6	67.3	68.0	68.5	68.8	69.2	69.6	69.8	70.0	70.1	70.1	70.1
90	11.9	13.0	12.9	12.7	12.8	13.4	13.3	12.5	11.7	11.2	10.7	10.2	10.0	9.84	9.72	9.59	9.46	9.33	9.24
95	15.4	20.7	19.2	18.3	20.1	22.7	22.2	21.3	20.6	20.1	19.7	19.2	18.9	18.6	18.4	18.2	18.1	17.9	17.8
100	30.8	32.0	32.3	32.1	31.9	32.5	31.6	30.5	29.6	29.1	28.6	28.1	27.8	27.4	27.1	26.8	26.6	26.5	26.4
105	41.3	42.0	42.2	42.7	42.6	42.6	41.8	41.1	40.6	40.0	39.3	38.6	37.9	37.2	36.5	35.9	35.4	35.1	35.0
110	50.9	51.5	51.8	52.3	52.9	52.9	52.5	52.2	51.9	51.5	51.0	50.5	50.1	49.8	49.5	49.2	49.0	48.9	48.9
115	61.7	62.1	62.6	63.3	63.7	64.2	64.4	64.4	64.5	64.0	63.4	62.7	62.6	62.6	62.7	62.7	62.7	62.6	62.7
120	74.6	74.8	76.1	76.1	77.1	77.2	77.4	78.1	78.0	77.8	77.4	76.9	76.5	76.4	76.4	76.4	76.4	76.4	76.5
125	89.6	89.5	91.0	90.7	91.0	91.8	91.4	91.5	91.9	92.4	92.0	91.5	91.3	91.2	91.2	91.2	91.3	91.3	91.4
130	103	103	104	105	105	105	106	105	105	105	106	106	106	106	106	106	106	106	106
135	117	116	117	119	118	118	118	119	119	118	119	119	119	119	120	120	121	121	121
140	129	128	129	130	131	130	130	130	131	132	131	131	131	131	131	131	131	132	132
145	140	139	139	140	141	141	141	141	141	141	142	143	143	143	142	142	142	142	142
150	149	148	148	148	149	150	151	150	150	150	150	151	151	152	152	152	153	153	153
155	156	156	156	156	156	157	158	158	158	158	158	158	158	158	158	158	158	158	159
160	162	162	162	162	162	162	163	163	164	164	165	164	164	164	164	164	164	164	164
165	167	167	167	167	167	167	167	167	167	168	168	168	169	169	169	170	170	170	170
170	171	171	170	170	170	170	170	170	170	170	171	171	171	171	171	171	171	171	171
175	173	173	173	173	173	172	172	172	172	172	172	172	172	172	172	172	172	172	172
180	174	174	174	174	174	174	174	174	174	174	174	174	174	174	174	174	174	174	174

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, 不加防眩膜)**

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.70V I:0.1380A P:29.800W PF:0.9770 Freq:50.00Hz Lamp Flux:3990.74x1 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--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	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207
5	1186	1186	1186	1187	1187	1187	1188	1189	1189	1190	1191	1192	1194	1195	1196	1198	1200	1202	1201
10	1165	1165	1165	1165	1165	1165	1165	1166	1166	1167	1168	1170	1171	1173	1176	1179	1182	1185	1184
15	1144	1143	1143	1142	1141	1140	1139	1138	1138	1138	1138	1139	1140	1142	1145	1149	1154	1159	1156
20	1093	1093	1094	1095	1096	1098	1101	1104	1105	1103	1102	1102	1102	1103	1106	1110	1115	1121	1118
25	1042	1042	1042	1043	1043	1044	1045	1048	1051	1055	1060	1058	1056	1056	1058	1062	1067	1075	1072
30	991	991	990	990	989	988	988	988	990	992	996	1002	1003	1001	1002	1005	1011	1019	1016
35	917	917	918	920	922	925	929	927	926	926	928	932	938	940	939	941	946	956	952
40	842	842	842	843	844	846	848	852	858	858	857	858	861	869	868	868	874	885	880
45	766	766	766	766	765	766	766	768	771	777	783	780	780	784	791	790	795	805	801
50	674	674	675	677	679	683	685	684	685	687	692	699	698	699	705	707	709	720	717
55	580	581	581	583	584	586	590	594	598	598	598	603	611	610	612	619	619	631	627
60	487	487	488	489	490	491	493	496	499	502	509	508	511	519	518	523	524	534	532
65	389	389	390	392	393	395	398	399	401	404	407	412	415	417	424	423	427	435	435
70	290	291	292	294	296	298	300	302	305	308	310	313	316	320	322	326	330	336	338
75	192	193	194	196	198	201	204	207	210	213	216	219	222	223	223	227	230	239	240
80	131	130	130	129	128	127	126	124	122	121	125	128	132	129	122	113	118	146	149
85	69.9	69.8	69.5	69.2	68.8	68.2	67.4	66.5	65.7	64.2	62.5	60.5	56.1	48.4	45.3	40.8	31.2	30.7	47.9
90	9.16	9.13	9.12	9.17	9.22	9.20	9.27	9.71	10.1	9.93	10.5	10.9	10.4	10.4	10.9	11.4	11.5	9.44	11.0
95	17.7	17.7	17.8	17.9	18.1	18.3	18.5	18.9	19.3	19.4	19.9	20.5	20.4	17.6	18.2	19.4	20.7	15.6	14.6
100	26.3	26.3	26.5	26.7	27.0	27.4	27.8	28.1	28.5	29.0	29.8	30.6	31.2	31.5	32.4	32.9	33.2	32.2	23.2
105	34.9	35.2	35.6	36.2	37.0	37.7	38.5	39.2	39.9	40.5	41.1	41.8	42.1	42.2	42.7	42.9	42.4	43.2	39.7
110	48.8	48.9	49.1	49.5	49.8	50.2	50.7	51.1	51.8	52.4	52.6	52.5	52.5	52.6	52.5	52.3	51.7	53.3	50.9
115	62.6	62.7	62.7	62.8	62.9	63.0	63.1	63.6	64.2	64.5	64.3	64.2	64.0	63.7	63.8	62.7	62.1	64.4	59.8
120	76.5	76.6	76.6	76.7	76.8	77.0	77.2	77.4	77.6	77.4	77.3	76.9	76.9	77.1	75.9	75.4	74.5	77.5	75.6
125	91.3	91.4	91.5	91.5	91.5	91.7	91.9	92.0	92.0	91.3	90.8	91.0	91.5	90.4	89.8	89.9	88.9	92.7	90.5
130	106	106	106	106	106	107	107	106	106	105	105	105	105	104	104	103	102	107	105
135	121	121	121	120	120	119	119	119	119	119	120	118	117	117	117	116	115	120	118
140	132	132	131	131	131	131	132	132	132	132	131	130	130	130	129	128	128	134	132
145	142	142	142	142	143	143	144	143	142	141	141	141	141	141	140	139	139	145	143
150	153	153	152	152	152	151	151	150	150	150	150	150	150	149	148	148	148	155	153
155	158	158	158	158	158	158	158	158	158	158	158	157	156	156	156	156	156	162	161
160	164	164	164	164	164	164	164	164	164	164	163	163	162	162	162	162	162	169	168
165	170	170	169	169	169	169	168	168	168	167	167	167	167	167	167	167	167	174	173
170	171	171	171	171	171	171	171	171	170	170	170	170	170	170	170	171	171	178	177
175	172	172	172	172	172	172	172	172	172	172	172	173	173	173	173	173	173	180	179
180	174	174	174	174	174	174	174	174	174	174	174	174	174	174	174	174	174	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, 不加防眩膜)**

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.70V I:0.1380A P:29.800W PF:0.9770 Freq:50.00Hz Lamp Flux:3990.74x1 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--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	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207
5	1200	1199	1199	1198	1198	1197	1197	1197	1197	1196	1196	1196	1196	1196	1196	1196	1196	1196	1197
10	1182	1181	1180	1180	1180	1180	1180	1181	1182	1182	1183	1184	1184	1185	1185	1186	1186	1186	1186
15	1154	1153	1153	1153	1155	1156	1158	1160	1162	1165	1167	1169	1171	1173	1174	1175	1175	1175	1175
20	1117	1116	1117	1119	1122	1125	1130	1135	1136	1135	1134	1133	1133	1133	1133	1134	1134	1134	1134
25	1070	1071	1073	1077	1082	1089	1087	1086	1085	1086	1087	1088	1089	1090	1091	1092	1092	1092	1092
30	1015	1017	1021	1028	1031	1029	1029	1031	1033	1036	1039	1042	1044	1047	1049	1050	1051	1051	1050
35	952	956	963	966	965	965	968	973	978	984	983	982	982	982	982	983	983	983	983
40	881	887	894	892	894	899	905	910	908	908	909	910	911	912	914	914	915	915	914
45	804	812	811	814	821	830	828	827	829	831	834	838	840	843	845	846	847	847	846
50	722	727	728	735	741	741	742	745	749	754	756	757	757	757	758	758	758	758	759
55	634	635	641	649	648	649	655	662	661	662	663	665	667	668	669	669	670	670	669
60	539	542	553	550	555	562	561	564	566	568	571	573	577	579	580	581	581	581	580
65	439	449	449	455	460	461	464	468	472	475	476	477	480	480	481	481	481	481	481
70	342	346	352	356	359	364	369	371	373	375	376	377	379	380	381	381	382	382	381
75	247	251	255	260	264	267	270	272	274	276	277	278	280	281	281	282	282	282	282
80	152	158	163	166	169	172	174	177	180	183	186	188	190	191	192	193	193	193	193
85	60.6	64.9	74.2	82.1	86.6	89.6	92.0	94.4	95.9	97.7	99.3	101	102	103	104	104	105	105	105
90	12.1	12.8	13.2	13.2	13.4	12.6	11.9	12.6	12.5	12.8	13.3	13.7	14.3	14.8	15.3	15.8	16.3	16.5	16.9
95	13.5	13.1	13.3	16.2	16.9	16.7	16.5	16.8	16.6	16.9	17.1	17.3	17.6	17.8	18.1	18.4	18.7	18.8	19.1
100	22.2	23.2	24.2	25.1	23.8	22.6	21.5	20.9	20.7	21.0	20.9	20.8	20.8	20.8	20.9	21.0	21.1	21.1	21.2
105	38.2	37.0	36.5	35.9	34.6	33.4	32.3	30.5	30.0	28.9	27.7	26.5	25.5	24.7	24.1	23.7	23.5	23.6	23.9
110	49.8	48.7	47.5	46.4	45.6	44.5	43.0	41.7	41.4	40.2	39.2	38.2	37.4	36.8	36.3	36.0	35.9	35.9	36.1
115	59.5	60.9	59.1	57.8	57.3	55.4	54.6	54.6	53.2	51.8	50.8	50.0	49.4	48.9	48.6	48.4	48.3	48.3	48.5
120	74.9	73.0	70.2	70.9	69.6	67.6	68.1	67.8	66.9	65.8	64.6	63.4	62.4	61.7	61.2	60.9	60.7	60.8	61.1
125	90.1	87.7	87.3	86.7	84.4	83.5	82.6	82.1	81.5	80.5	79.6	78.7	78.0	77.5	77.1	76.9	76.8	76.9	77.1
130	104	103	102	101	101	98.9	97.7	96.8	96.1	95.6	95.0	94.3	93.7	93.3	93.0	92.9	92.8	92.9	93.2
135	117	117	116	115	114	114	113	112	111	110	109	109	109	109	109	109	109	109	109
140	130	130	130	128	127	127	127	126	125	124	123	123	122	122	122	122	122	122	122
145	142	142	142	141	140	139	138	138	138	138	137	136	136	135	135	135	135	135	135
150	152	151	151	151	151	149	148	148	147	147	147	147	147	147	147	148	148	147	147
155	160	159	159	159	159	159	158	157	157	156	156	156	155	155	155	155	155	155	155
160	167	166	166	165	165	165	165	165	165	165	164	164	163	163	163	163	163	163	163
165	172	172	171	171	171	170	170	170	170	170	170	170	171	171	171	171	171	171	171
170	177	176	176	175	175	175	175	174	174	174	174	174	174	174	174	174	174	174	174
175	179	179	179	178	178	178	178	178	178	178	177	177	177	177	177	177	177	177	177
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, 不加防眩膜)**

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.70V I:0.1380A P:29.800W PF:0.9770 Freq:50.00Hz Lamp Flux:3990.74x1 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

<div><div>C (DEG)</div><div>γ (DEG)</div></div>	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207	1207				
5	1197	1197	1197	1197	1197	1197	1197	1198	1198	1198	1199	1199	1200	1201	1201				
10	1185	1185	1185	1184	1183	1183	1182	1182	1181	1181	1182	1182	1183	1184	1185				
15	1174	1172	1171	1169	1167	1165	1162	1160	1158	1157	1156	1156	1156	1157	1158				
20	1134	1135	1135	1136	1137	1139	1138	1133	1129	1125	1122	1121	1120	1120	1121				
25	1091	1090	1090	1089	1088	1088	1089	1091	1093	1087	1081	1077	1075	1074	1075				
30	1048	1045	1043	1040	1038	1035	1034	1033	1034	1037	1034	1027	1022	1020	1020				
35	983	983	984	985	985	981	976	972	970	970	973	970	962	958	958				
40	914	913	912	911	911	911	912	908	903	899	899	902	896	889	887				
45	845	842	840	837	834	832	831	831	833	825	821	821	825	815	811				
50	759	759	759	759	758	753	749	746	744	747	741	737	738	733	727				
55	669	668	667	666	665	665	667	661	656	654	655	648	646	648	639				
60	579	577	575	573	571	569	568	568	569	561	556	559	551	553	546				
65	481	480	479	478	477	474	471	468	466	465	462	458	457	452	450				
70	381	380	379	378	376	374	373	371	367	364	363	362	357	354	354				
75	281	280	279	278	277	276	274	272	270	267	265	262	262	258	256				
80	192	191	189	187	185	183	179	176	175	172	170	168	165	165	162				
85	105	104	103	102	100	98.4	96.3	94.3	91.8	89.0	85.5	77.3	69.6	65.7	63.7				
90	17.2	17.2	16.8	16.4	15.7	15.0	14.2	14.2	14.0	14.3	14.3	14.2	13.5	12.5	11.6				
95	19.3	19.3	19.1	18.9	18.6	18.1	17.8	18.0	18.1	18.1	17.6	14.0	13.9	14.1	14.9				
100	21.3	21.4	21.4	21.4	21.4	21.3	21.3	22.1	23.7	25.0	26.3	24.9	23.8	23.1	24.5				
105	24.4	25.2	26.2	27.4	28.7	29.9	31.3	32.7	34.1	35.4	36.7	37.6	38.5	38.5	41.1				
110	36.5	37.1	38.0	39.0	40.2	41.3	42.6	43.8	45.1	46.3	47.7	49.1	49.7	50.8	52.3				
115	48.7	49.2	49.9	50.8	51.9	53.3	54.8	56.1	57.1	58.3	59.4	60.3	61.6	62.5	63.3				
120	61.6	62.4	63.4	64.7	66.1	67.4	68.4	69.3	70.2	71.4	72.5	73.6	74.5	76.1	76.2				
125	77.5	78.1	78.9	79.9	80.9	82.0	82.9	83.7	84.5	86.0	87.7	88.3	89.7	91.6	91.5				
130	93.5	94.0	94.6	95.5	96.1	96.6	97.3	98.2	99.5	101	102	103	105	106	106				
135	109	109	109	110	110	111	112	113	115	115	116	117	119	119	120				
140	122	122	123	123	124	125	126	127	127	128	129	131	131	131	132				
145	135	136	136	137	138	138	138	138	139	140	142	142	142	143	143				
150	147	147	147	147	147	148	148	149	150	151	152	151	152	152	153				
155	155	156	156	156	156	157	157	158	159	159	159	159	159	159	160	161			
160	163	164	164	164	165	165	166	165	165	165	166	166	166	167	168				
165	171	171	171	170	170	170	170	170	170	171	171	171	172	172	173				
170	174	174	174	174	174	174	174	175	175	175	175	176	176	176	177				
175	177	177	177	177	177	178	178	178	178	178	178	179	179	179	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, 不加防眩膜)**