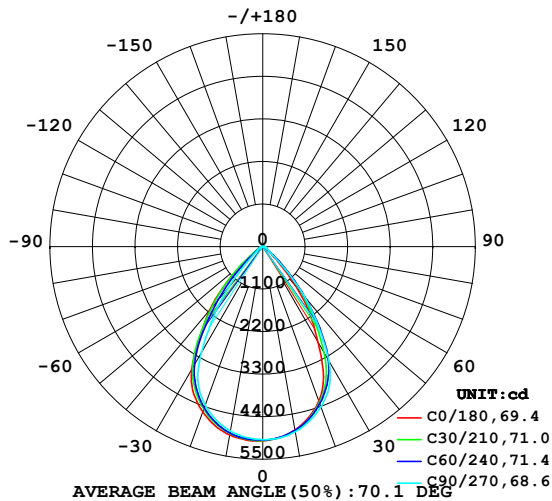


LUMINAIRE PHOTOMETRIC TEST REPORT

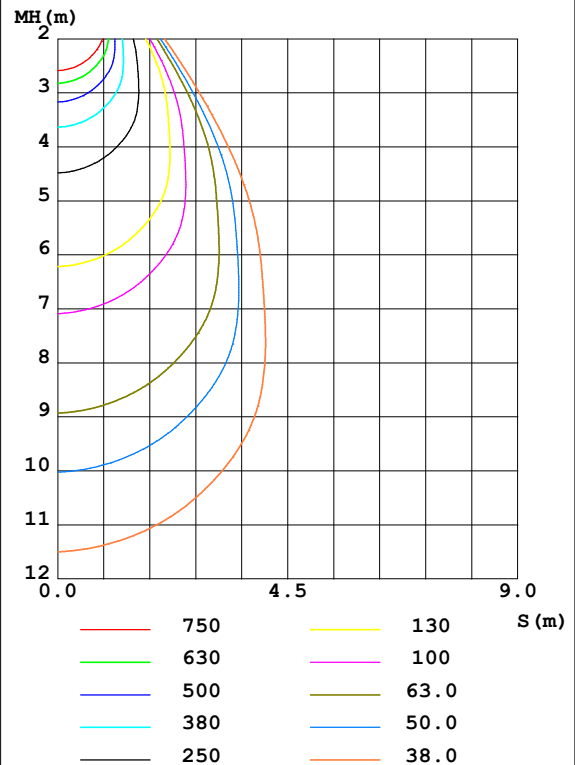
Test:U:222.1V I:0.2403A P:51.805W PF:0.9708 Freq:49.99Hz Lamp Flux:6325.5x1 lm		
Name: A6060-HC (检查灯) 3500K	Type: 矩形	
MFR.:	DIM.: 595*595*71 (mm)	
	SUR.: 553*91 (mm)	

DATA OF LAMP		PHOTOMETRIC DATA Eff: 122.10 lm/W			
MODEL		I _{max} (cd)	5031	S/MH (C0/180)	1.08
NOMINAL POWER (W)	52	LOR (%)	100.0	S/MH (C90/270)	0.99
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	6325.5	η UP, DN (C0-180)	0.4, 49.3
NOMINAL FLUX (lm)	6325.5	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.7, 49.6
LAMPS INSIDE	1	η up (%)	1.1	CIBSE SHR NOM	1.00
TEST VOLTAGE (V)	222.1	η down (%)	98.9	CIBSE SHR MAX	1.10

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-06-05

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: BK-DEL060-B200AD (1400mA) HCD038
/BT
灯板: LS-M-GR6D-564-12S6P+4-V2.0
灯珠: L128-3590RA35003L1 (COI < 3.3)
透镜: 70°透镜

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	4812	4830	4860	4858	4946	4897	4838	4808	0- 10	470.4	470.4	7.44,7.44
20	4250	4307	4408	4422	4546	4452	4356	4282	10- 20	1309	1779	28.1,28.1
30	2873	3295	3427	3616	3673	3588	3184	3207	20- 30	1812	3592	56.8,56.8
40	1316	1640	1660	2046	2134	1921	1345	1482	30- 40	1580	5172	81.8,81.8
50	251.5	400.9	345.1	653.6	605.3	568.7	263.4	334.1	40- 50	765.9	5938	93.9,93.9
60	98.92	83.23	140.6	128.8	172.9	113.1	110.0	71.49	50- 60	204.0	6142	97.1,97.1
70	59.26	26.92	76.51	34.95	85.22	38.02	71.21	30.37	60- 70	68.86	6211	98.2,98.2
80	8.086	8.649	35.35	13.04	40.34	15.98	25.95	12.89	70- 80	33.35	6244	98.7,98.7
90	6.551	5.593	5.630	5.496	12.12	11.59	12.14	12.40	80- 90	11.90	6256	98.9,98.9
100	8.700	8.034	7.581	7.490	14.34	14.07	14.45	14.66	90-100	10.90	6267	99.1,99.1
110	10.09	9.713	9.112	9.395	15.82	15.54	15.54	15.69	100-110	12.64	6280	99.3,99.3
120	10.73	10.39	9.996	10.47	16.01	15.71	15.43	15.43	110-120	12.80	6293	99.5,99.5
130	10.38	9.991	10.10	10.65	15.15	14.81	14.32	14.09	120-130	11.48	6304	99.7,99.7
140	8.922	8.620	9.219	9.664	13.62	13.18	12.62	12.09	130-140	9.118	6313	99.8,99.8
150	6.820	6.739	7.569	7.889	11.47	10.96	10.42	9.646	140-150	6.284	6320	99.9,99.9
160	5.227	5.357	5.975	6.209	8.711	8.369	7.855	7.126	150-160	3.655	6323	100,100
170	4.753	4.898	5.094	5.230	6.326	6.146	5.774	5.461	160-170	1.739	6325	100,100
180	5.021	5.080	4.988	4.954	5.031	5.079	4.979	4.956	170-180	0.4992	6326	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 5663.5 lm

%lum = 89.5%

%lamp = 89.5%

Conical surface Flux(120deg): 6142.3 lm

%lum = 97.1%

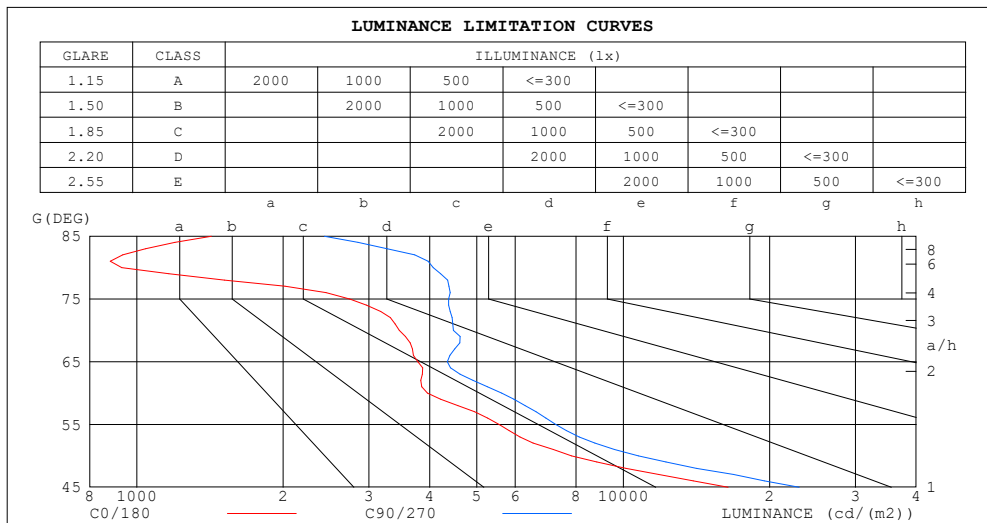
%lamp = 97.1%

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-06-05

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: BK-DEL060-B200AD (1400mA)HCD038
/BT
灯板: LS-M-GR6D-564-12S6P+4-V2.0
灯珠: L128-3590RA35003L1 (COI <3.3)
透镜:70°透镜

LUMINANCE LIMITATION CURVES

Test:U:222.1V I:0.2403A P:51.805W PF:0.9708 Freq:49.99Hz Lamp Flux:6325.5x1 lm		
Name: A6060-HC (检查灯) 3500K	Type: 矩形	
MFR.:	DIM.: 595*595*71 (mm)	
	SUR.: 553*91 (mm)	



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1424	2432
80	931	4071
75	2741	4374
70	3465	4474
65	3782	4349
60	3957	5624
55	5558	7272
50	7826	10738
45	16434	23000

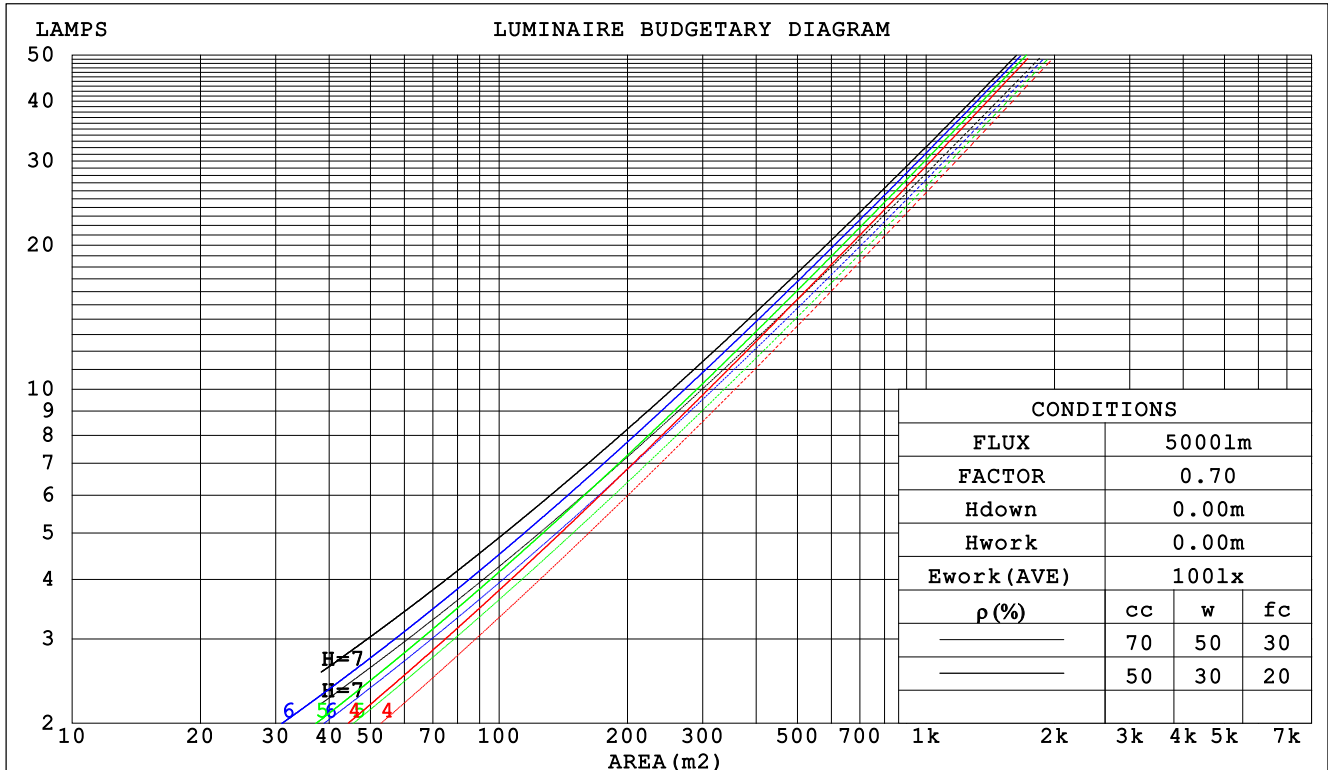
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-06-05

γ Range: 0 - 180DEG
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/BT
灯板: LS-M-GR6D-564-12S6P+4-V2.0
灯珠: L128-3590RA35003L1 (COI < 3.3)
透镜: 70°透镜

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:222.1V I:0.2403A P:51.805W PF:0.9708 Freq:49.99Hz		
Lamp Flux:6325.5x1 lm		
Name: A6060-HC (检查灯) 3500K	Type: 矩形	
MFR.:	DIM.: 595*595*71 (mm)	
	SUR.: 553*91 (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	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
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	1.09	1.07	1.04	1.07	1.05	1.02	1.03	1.01	.99	.99	.97	.96	.95	.94	.93	.91
2.0	1.01	.96	.92	.99	.95	.91	.95	.92	.89	.92	.89	.87	.89	.87	.85	.83
3.0	.93	.87	.83	.91	.86	.82	.88	.84	.80	.86	.82	.79	.83	.80	.78	.76
4.0	.85	.79	.74	.84	.78	.74	.82	.77	.73	.80	.75	.72	.78	.74	.71	.69
5.0	.79	.73	.68	.78	.72	.67	.76	.71	.67	.74	.70	.66	.72	.68	.65	.64
6.0	.73	.67	.62	.72	.66	.62	.71	.65	.61	.69	.64	.61	.68	.63	.60	.58
7.0	.68	.61	.57	.67	.61	.57	.66	.60	.56	.65	.60	.56	.63	.59	.55	.54
8.0	.64	.57	.52	.63	.57	.52	.62	.56	.52	.61	.55	.52	.59	.55	.51	.50
9.0	.59	.53	.49	.59	.53	.48	.58	.52	.48	.57	.52	.48	.56	.51	.48	.46
10.0	.56	.49	.45	.55	.49	.45	.54	.49	.45	.53	.48	.45	.53	.48	.44	.43



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-06-05

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: BK-DEL060-B200AD (1400mA)HCD038
/BT
灯板: LS-M-GR6D-564-12S6P+4-V2.0
灯珠: L128-3590RA35003L1 (COI <3.3)
透镜:70°透镜

WEC AND CCEC

Test:U:222.1V I:0.2403A P:51.805W PF:0.9708 Freq:49.99Hz		
Lamp Flux:6325.5x1 lm		
Name: A6060-HC (检查灯) 3500K	Type: 矩形	
MFR.:	DIM.: 595*595*71 (mm)	
	SUR.: 553*91 (mm)	

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)										
0.0																	
1.0	.199	.113	.036	.192	.110	.035	.179	.103	.033	.167	.096	.031	.155	.090	.029		
2.0	.192	.105	.032	.186	.103	.032	.175	.097	.030	.164	.092	.029	.155	.087	.028		
3.0	.184	.098	.029	.178	.095	.029	.168	.091	.028	.159	.087	.027	.151	.084	.026		
4.0	.175	.091	.027	.170	.089	.026	.162	.086	.026	.154	.083	.025	.146	.079	.024		
5.0	.166	.085	.025	.162	.083	.024	.155	.081	.024	.148	.078	.023	.141	.075	.023		
6.0	.158	.079	.023	.155	.078	.023	.148	.076	.022	.142	.074	.022	.136	.072	.021		
7.0	.151	.075	.021	.148	.074	.021	.142	.072	.021	.136	.070	.020	.131	.068	.020		
8.0	.144	.070	.020	.141	.070	.020	.136	.068	.019	.131	.066	.019	.126	.065	.019		
9.0	.138	.067	.019	.135	.066	.018	.130	.064	.018	.126	.063	.018	.121	.062	.018		
10.0	.132	.063	.018	.129	.062	.017	.125	.061	.017	.121	.060	.017	.117	.059	.017		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.199	.199	.199	.170	.170	.170	.116	.116	.116	.067	.067	.067	.021	.021	.021	
1.0	.181	.166	.152	.155	.142	.130	.106	.098	.090	.061	.057	.052	.020	.018	.017	
2.0	.167	.141	.119	.143	.121	.102	.098	.084	.071	.057	.049	.042	.018	.016	.014	
3.0	.156	.122	.095	.134	.105	.082	.092	.073	.058	.053	.043	.034	.017	.014	.011	
4.0	.147	.108	.078	.126	.093	.068	.087	.065	.048	.050	.038	.028	.016	.012	.009	
5.0	.139	.097	.065	.119	.084	.057	.082	.058	.040	.048	.034	.024	.015	.011	.008	
6.0	.132	.088	.056	.114	.076	.048	.078	.053	.034	.045	.031	.020	.015	.010	.007	
7.0	.126	.080	.048	.108	.070	.042	.075	.049	.030	.044	.029	.018	.014	.009	.006	
8.0	.120	.074	.043	.104	.064	.037	.072	.045	.026	.042	.027	.016	.014	.009	.005	
9.0	.115	.069	.038	.099	.060	.033	.069	.042	.024	.040	.025	.014	.013	.008	.005	
10.0	.111	.065	.035	.095	.056	.030	.066	.040	.021	.039	.023	.013	.013	.008	.004	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2024-06-05

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: BK-DEL060-B200AD (1400mA)HCD038
 /BT
 灯板: LS-M-GR6D-564-12S6P+4-V2.0
 灯珠: L128-3590RA35003L1 (COI <3.3)
 透镜:70°透镜

UGR(Unified Glare Rating) Table

Test:U:222.1V I:0.2403A P:51.805W PF:0.9708 Freq:49.99Hz Lamp Flux:6325.5x1 lm										
Name: A6060-HC (检查灯) 3500K					Type: 矩形					
MFR.:					DIM.: 595*595*71 (mm)					
					SUR.: 553*91 (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	10.0	11.1	10.4	11.4	11.8	12.6	13.7	13.0	14.1	14.4
3H	10.9	11.8	11.3	12.2	12.6	13.5	14.5	13.9	14.9	15.3
4H	11.2	12.1	11.6	12.5	12.9	14.0	14.9	14.4	15.3	15.7
6H	11.2	12.0	11.7	12.4	12.9	14.5	15.3	14.9	15.7	16.1
8H	11.2	12.0	11.6	12.4	12.8	14.6	15.4	15.0	15.8	16.2
12H	11.2	11.9	11.6	12.3	12.8	14.6	15.3	15.1	15.8	16.2
4H 2H	9.9	10.8	10.3	11.2	11.6	12.6	13.5	13.0	13.9	14.3
3H	10.8	11.6	11.3	12.0	12.4	13.6	14.3	14.0	14.7	15.1
4H	11.2	11.8	11.6	12.3	12.7	14.1	14.8	14.6	15.2	15.7
6H	11.2	11.8	11.7	12.3	12.8	14.7	15.2	15.2	15.7	16.2
8H	11.2	11.7	11.7	12.2	12.7	14.8	15.4	15.3	15.8	16.3
12H	11.2	11.7	11.8	12.2	12.7	14.9	15.4	15.4	15.9	16.4
8H 4H	11.1	11.6	11.6	12.1	12.6	14.0	14.5	14.5	15.0	15.5
6H	11.2	11.6	11.7	12.1	12.6	14.6	15.0	15.1	15.5	16.0
8H	11.2	11.6	11.7	12.1	12.6	14.8	15.2	15.4	15.7	16.2
12H	11.2	11.6	11.8	12.1	12.7	14.9	15.3	15.5	15.8	16.4
12H 4H	11.1	11.5	11.6	12.0	12.5	14.0	14.4	14.5	14.9	15.4
6H	11.1	11.5	11.7	12.0	12.6	14.5	14.9	15.1	15.4	16.0
8H	11.2	11.5	11.7	12.0	12.6	14.8	15.1	15.3	15.6	16.2
CIE190: 2010										

CIE190: 2010
Area: 0.05 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-06-05

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: BK-DEL060-B200AD (1400mA)HCD038
/BT
灯板: LS-M-GR6D-564-12S6P+4-V2.0
灯珠: L128-3590RA35003L1 (COI <3.3)
透镜:70°透镜

UTILIZATION FACTORS TABLE

Test:U:222.1V I:0.2403A P:51.805W PF:0.9708 Freq:49.99Hz Lamp Flux:6325.5x1 lm		
Name: A6060-HC (检查灯) 3500K	Type: 矩形	
MFR.:	DIM.: 595*595*71 (mm)	
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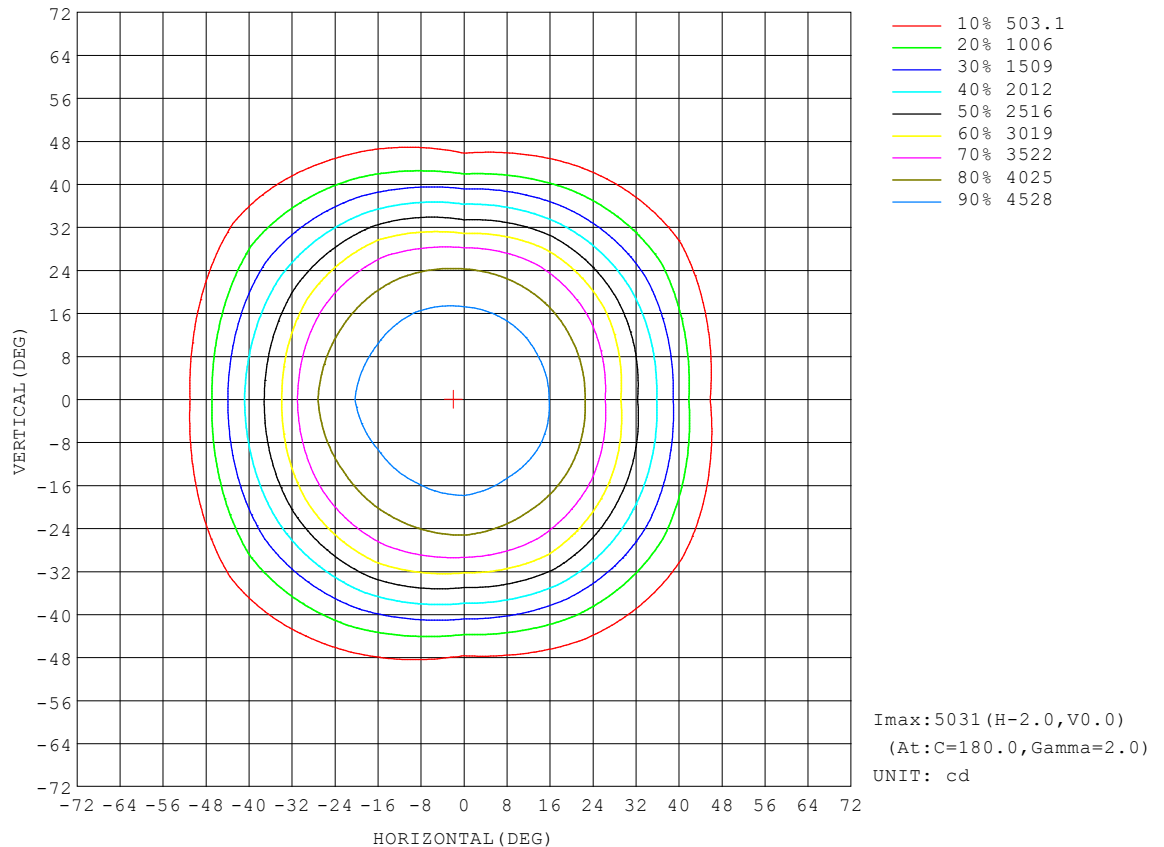
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	80	72	68	79	72	68	78	72	68	63
0.80	88	81	77	88	81	77	86	80	76	72
1.00	94	88	83	93	87	83	92	87	82	78
1.25	99	93	89	98	92	88	96	91	88	83
1.50	102	97	93	101	96	92	99	94	91	86
2.00	106	101	97	104	100	97	101	98	95	89
2.50	108	104	100	106	102	99	103	100	97	91
3.00	110	106	103	108	104	102	104	102	99	92
4.00	112	109	106	110	107	105	106	104	102	94
5.00	114	111	108	111	109	107	107	105	104	95
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNM = 1.25		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2024-06-05

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: BK-DEL060-B200AD (1400mA) HCD038
 /BT
 灯板: LS-M-GR6D-564-12S6P+4-V2.0
 灯珠: L128-3590RA35003L1 (COI < 3.3)
 透镜: 70°透镜

ISOCANDELA DIAGRAM

Test:U:222.1V I:0.2403A P:51.805W PF:0.9708 Freq:49.99Hz Lamp Flux:6325.5x1 lm		
Name: A6060-HC (检查灯) 3500K	Type: 矩形	
MFR.:	DIM.: 595*595*71 (mm)	
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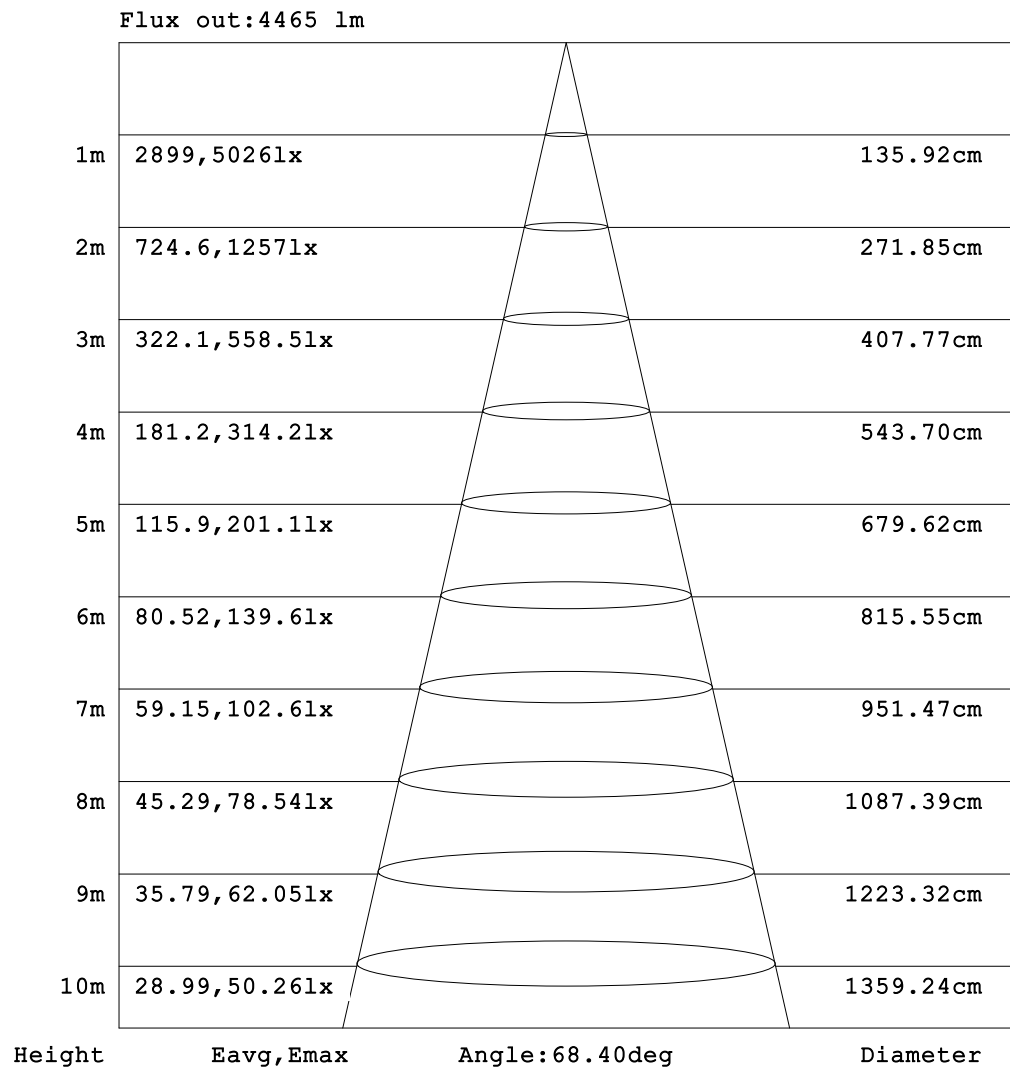


C Range: 0 - 360DEG
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灯板: LS-M-GR6D-564-12S6P+4-V2.0
灯珠: L128-3590RA35003L1 (COI < 3.3)
透镜: 70°透镜

AAI Figure

Test:U:222.1V I:0.2403A P:51.805W PF:0.9708 Freq:49.99Hz Lamp Flux:6325.5x1 lm		
Name: A6060-HC (检查灯) 3500K	Type: 矩形	
MFR.:	DIM.: 595*595*71 (mm)	
	SUR.: 553*91 (mm)	



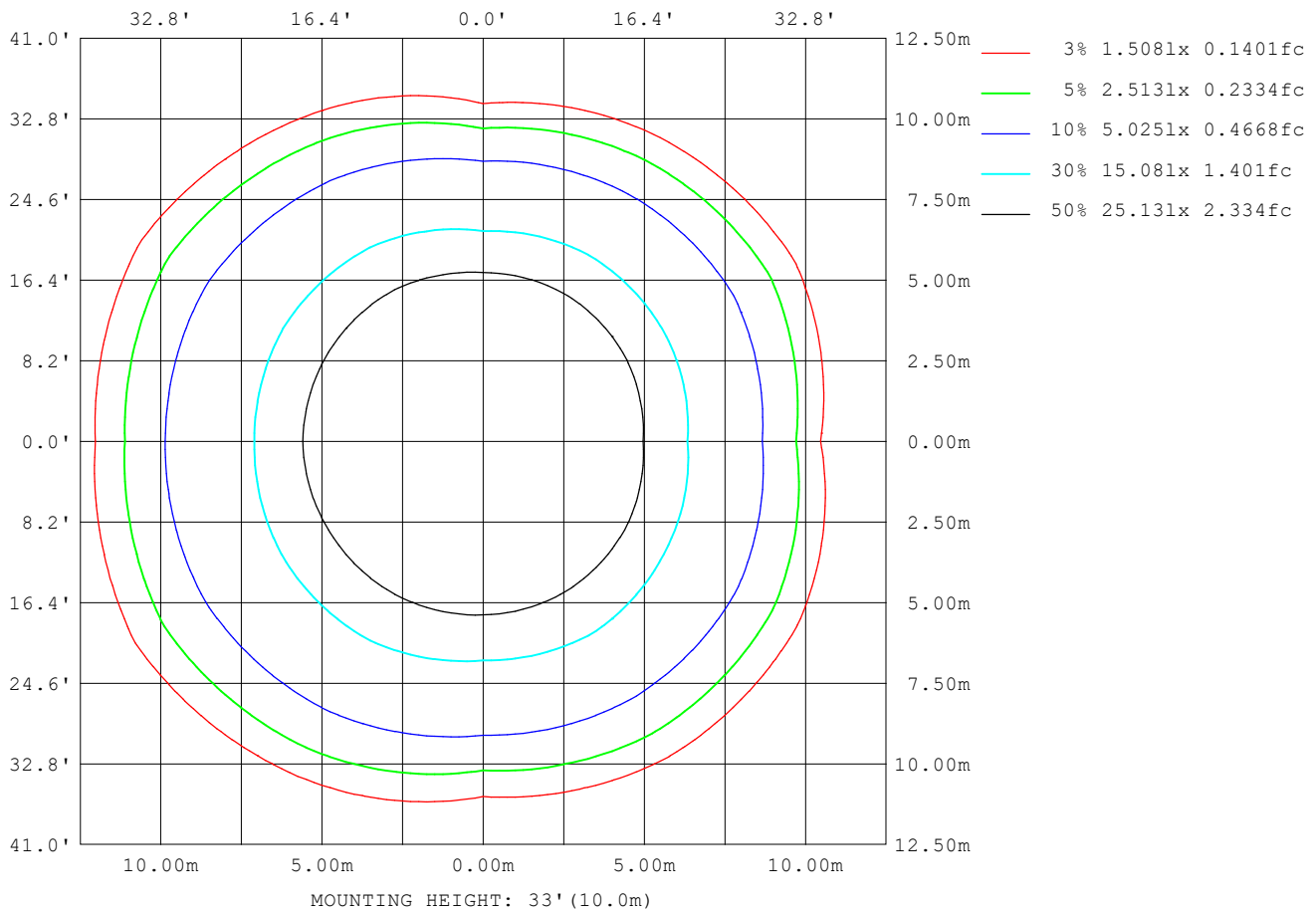
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-06-05

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: BK-DEL060-B200AD (1400mA)HCD038
/BT
灯板: LS-M-GR6D-564-12S6P+4-V2.0
灯珠: L128-3590RA35003L1 (COI <3.3)
透镜:70°透镜

ISOLUX DIAGRAM

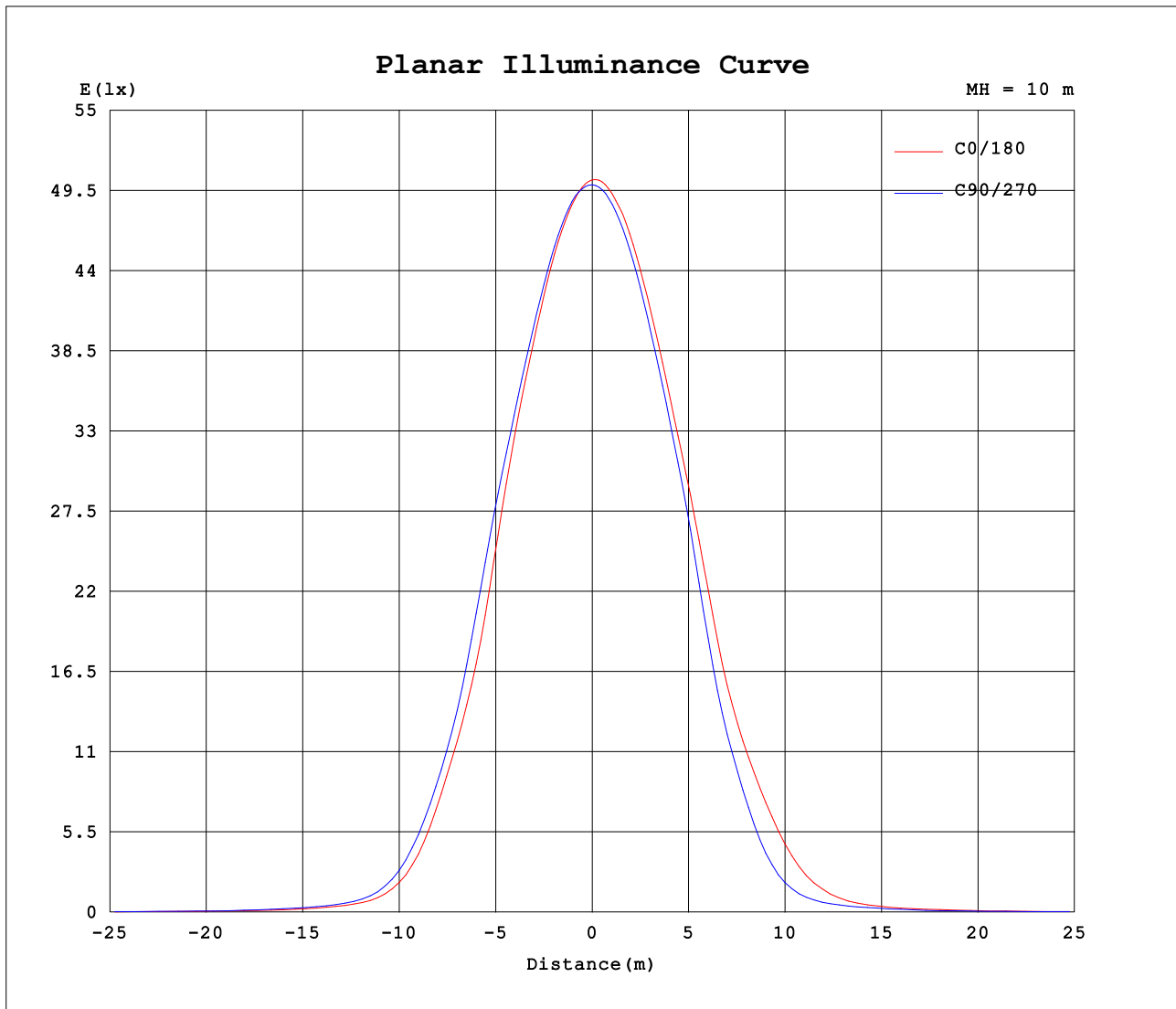
Test:U:222.1V I:0.2403A P:51.805W PF:0.9708 Freq:49.99Hz Lamp Flux:6325.5x1 lm		
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Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-06-05

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γ Interval: 1.0DEG
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Humidity: 65.0%
Test Distance: 8.000m [K=0.7125]
Remarks: 电源: BK-DEL060-B200AD (1400mA) HCD038
/BT
灯板: LS-M-GR6D-564-12S6P+4-V2.0
灯珠: L128-3590RA35003L1 (COI < 3.3)
透镜: 70°透镜

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-06-05

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: BK-DEL060-B200AD (1400mA) HCD038 /BT
灯板: LS-M-GR6D-564-12S6P+4-V2.0
灯珠: L128-3590RA35003L1 (COI < 3.3)
透镜: 70°透镜

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:222.1V I:0.2403A P:51.805W PF:0.9708 Freq:49.99Hz Lamp Flux:6325.5x1 lm		
Name: A6060-HC (检查灯) 3500K	Type: 矩形	
MFR.:	DIM.: 595*595*71 (mm)	
	SUR.: 553*91 (mm)	

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	5024	5014	5002	4989	4979	4982	5024	5014	5002	4989	4979	4982						
5	4954	4967	4951	4971	4952	4962	5016	4997	4984	4950	4944	4926						
10	4812	4836	4825	4860	4849	4866	4946	4903	4892	4838	4821	4794						
15	4577	4612	4620	4672	4669	4693	4788	4732	4708	4646	4611	4578						
20	4250	4293	4321	4408	4404	4440	4546	4470	4434	4356	4305	4259						
25	3720	3862	3938	4050	4058	4098	4217	4120	4059	3951	3886	3818						
30	2873	3184	3406	3427	3593	3639	3673	3637	3540	3184	3271	3142						
35	2135	2322	2582	2518	2855	2922	2835	2870	2697	2226	2330	2268						
40	1316	1583	1696	1660	1988	2104	2134	2053	1789	1345	1462	1502						
45	581	887	929	813	1195	1393	1323	1335	1008	576	737	826						
50	252	393	409	345	559	748	605	693	445	263	303	366						
55	159	162	172	209	239	328	270	294	187	175	136	147						
60	98.9	78.3	88.2	141	120	138	173	128	98.2	110	74.2	68.7						
65	79.9	39.4	42.2	91.9	62.7	65.4	107	64.2	52.4	93.0	45.6	39.4						
70	59.3	25.5	28.3	76.5	36.6	33.3	85.2	39.2	36.8	71.2	34.0	26.8						
75	35.5	14.5	18.7	56.6	25.2	21.0	63.9	26.5	25.2	52.5	21.8	18.0						
80	8.09	7.45	9.85	35.3	14.1	11.9	40.3	16.7	15.2	26.0	13.2	12.6						
85	6.20	5.49	5.62	10.6	6.97	6.58	14.9	11.9	11.4	12.1	11.6	11.9						
90	6.55	5.59	5.59	5.63	5.36	5.63	12.1	11.6	11.6	12.1	12.3	12.5						
95	7.73	6.86	6.84	6.55	6.15	6.43	13.1	12.9	12.9	13.4	13.6	13.8						
100	8.70	8.04	8.03	7.58	7.29	7.69	14.3	14.1	14.1	14.4	14.6	14.8						
105	9.47	9.04	8.95	8.43	8.31	8.78	15.3	15.0	14.9	15.2	15.3	15.4						
110	10.1	9.84	9.59	9.11	9.19	9.60	15.8	15.6	15.5	15.5	15.6	15.7						
115	10.5	10.4	9.97	9.64	9.89	10.2	16.1	15.9	15.7	15.6	15.7	15.7						
120	10.7	10.6	10.1	10.00	10.4	10.5	16.0	15.8	15.6	15.4	15.4	15.4						
125	10.7	10.6	10.1	10.2	10.7	10.7	15.7	15.5	15.3	15.0	14.9	14.8						
130	10.4	10.2	9.81	10.1	10.6	10.7	15.1	14.9	14.7	14.3	14.1	14.0						
135	9.79	9.52	9.30	9.78	10.3	10.3	14.5	14.2	13.9	13.5	13.2	13.1						
140	8.92	8.66	8.58	9.22	9.61	9.72	13.6	13.3	13.0	12.6	12.2	12.0						
145	7.87	7.68	7.72	8.46	8.72	8.94	12.6	12.3	12.0	11.6	11.1	10.7						
150	6.82	6.64	6.84	7.57	7.73	8.04	11.5	11.1	10.8	10.4	9.86	9.43						
155	5.92	5.80	6.06	6.70	6.83	7.13	10.1	9.83	9.53	9.15	8.58	8.10						
160	5.23	5.23	5.48	5.97	6.09	6.33	8.71	8.50	8.24	7.86	7.36	6.89						
165	4.83	4.93	5.13	5.43	5.56	5.69	7.40	7.26	7.04	6.68	6.34	5.95						
170	4.75	4.83	4.97	5.09	5.23	5.23	6.33	6.22	6.08	5.77	5.61	5.32						
175	4.84	4.88	4.95	4.96	5.06	4.96	5.50	5.49	5.43	5.21	5.19	4.97						
180	5.02	5.08	5.08	4.99	5.04	4.87	5.03	5.07	5.09	4.98	5.04	4.87						

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