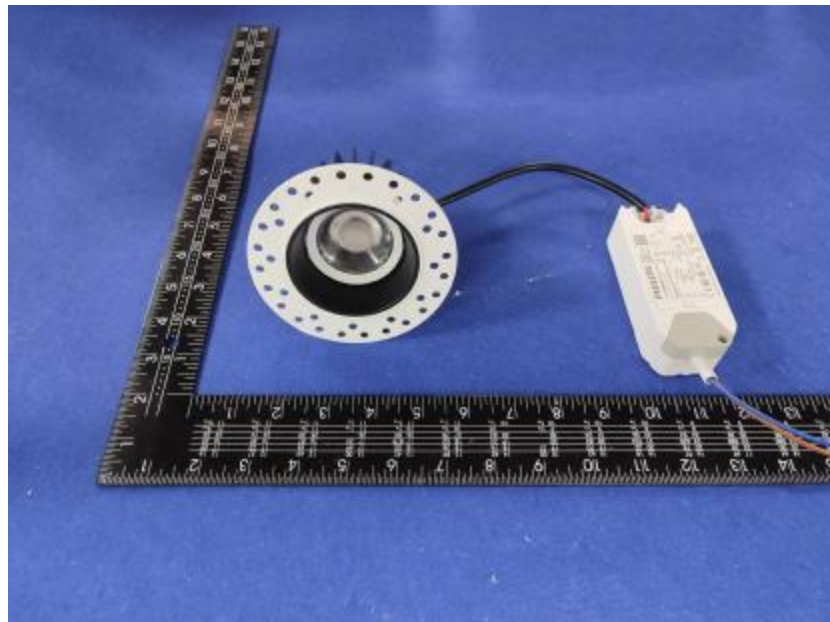


## Luminaire Photograph



Light Output Ratio:	88.8%	
Luminaire Power:	16.17 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.55	fine grid method.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Zoe  
Test Date: 2022-3-9

g Range: 0 - 180DEG  
g Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity: 65.0%  
Test Distance: 3.160m [K=1.0000]  
Remarks: LAMP: CMA1306-0000-000N0U0A30G Ra:90  
LENS: PM-1083B 36R  
DRIVER: 9290014101 350mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

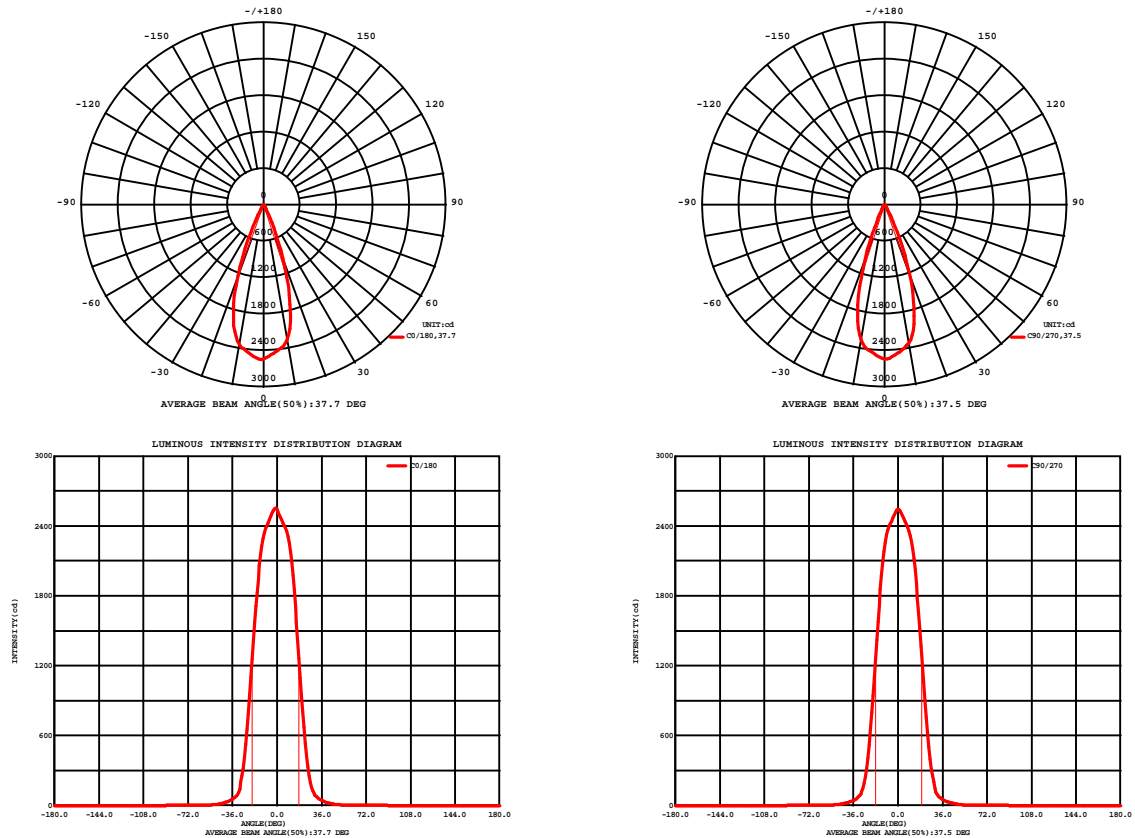


Fig. C0/C180

Fig. C90/C270

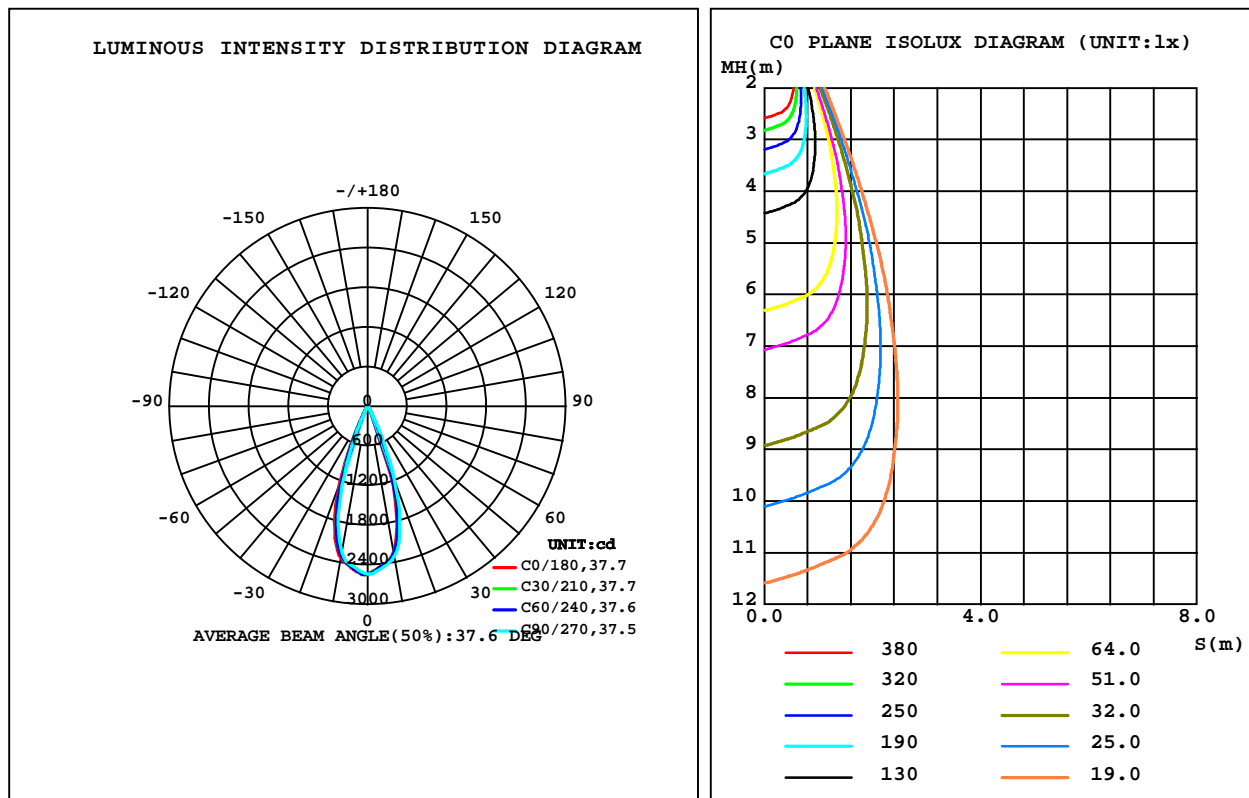
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Zoe  
Test Date: 2022-3-9

Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity: 65.0%  
Test Distance: 3.160m [K=1.0000]  
Remarks: LAMP: CMA1306-0000-000N0U0A30G Ra: 90  
LENS: PM-1083B 36R  
DRIVER: 9290014101 350mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.28V I:0.0748A P:16.170W PF:0.9788 Freq:49.99Hz Lamp Flux:1103.84x1 lm		
NAME: 2118.615-ACOT-36	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2203090136
MFR.: RISE	SUR.:0.003316625m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 60.60 lm/W			
MODEL	CREE	I <sub>max</sub> (cd)	2557	S/MH(C0/180)	0.60
NOMINAL POWER(W)	16	LOR(%)	88.8	S/MH(C90/270)	0.55
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	979.93	h UP,DN(C0-180)	0.0,45.8
NOMINAL FLUX(lm)	1103.84	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.0,43.0
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	h down(%)	88.8	CIBSE SHR MAX	0.55



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-3-9

g Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
LENS:PM-1083B 36R  
DRIVER:9290014101 350mA  
30minutes warm-up

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

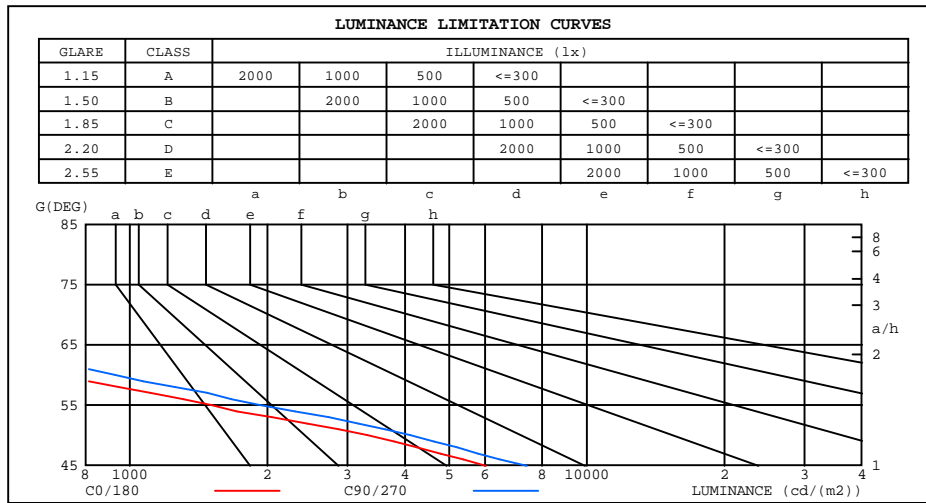
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	2253	2270	2318	2347	2341	2299	2254	2209	0- 10	229.4	229.4	23.4,20.8
20	943.0	1035	1211	1280	1254	1130	941.1	884.8	10- 20	484.0	713.4	72.8,64.6
30	100.9	117.2	142.4	176.0	139.4	119.7	95.27	90.66	20- 30	212.0	925.4	94.4,83.8
40	27.35	29.66	32.76	35.28	32.27	29.85	25.61	24.95	30- 40	38.21	963.7	98.3,87.3
50	7.039	7.767	8.776	8.959	8.312	7.905	6.630	6.369	40- 50	12.49	976.2	99.6,88.4
60	1.180	1.283	1.547	1.536	1.435	1.423	1.059	1.072	50- 60	3.258	979.4	99.9,88.7
70	0.0580	0.0472	0.0576	0.0608	0.0626	0.0516	0.0486	0.0453	60- 70	0.4790	979.9	100,88.8
80	0.0263	0.0142	0.0178	0.0155	0.0259	0.0140	0.0187	0.0142	70- 80	0.0304	979.9	100,88.8
90	0	0	0	0	0	0	0	0	80- 90	0.0128	979.9	100,88.8
100	0	0	0	0	0	0	0	0	90-100	0	979.9	100,88.8
110	0	0	0	0	0	0	0	0	100-110	0	979.9	100,88.8
120	0	0	0	0	0	0	0	0	110-120	0	979.9	100,88.8
130	0	0	0	0	0	0	0	0	120-130	0	979.9	100,88.8
140	0	0	0	0	0	0	0	0	130-140	0	979.9	100,88.8
150	0	0	0	0	0	0	0	0	140-150	0	979.9	100,88.8
160	0	0	0	0	0	0	0	0	150-160	0	979.9	100,88.8
170	0	0	0	0	0	0	0	0	160-170	0	979.9	100,88.8
180	0	0	0	0	0	0	0	0	170-180	0	979.9	100,88.8
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-3-9

g Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
LENS:PM-1083B 36R  
DRIVER:9290014101 350mA  
30minutes warm-up

## LUMINANCE LIMITATION CURVES

Test:U:220.28V I:0.0748A P:16.170W PF:0.9788 Freq:49.99Hz Lamp Flux:1103.84x1 lm		
NAME: 2118.615-ACOT-36	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2203090136
MFR.: RISE	SUR.:0.003316625m2	Shielding Angle:



LUMINANCE cd/(m2)		
G( DEG)	C0/180	C90/270
85	72	53
80	46	31
75	40	28
70	51	51
65	186	371
60	714	931
55	1507	1924
50	3310	4107
45	6008	7386

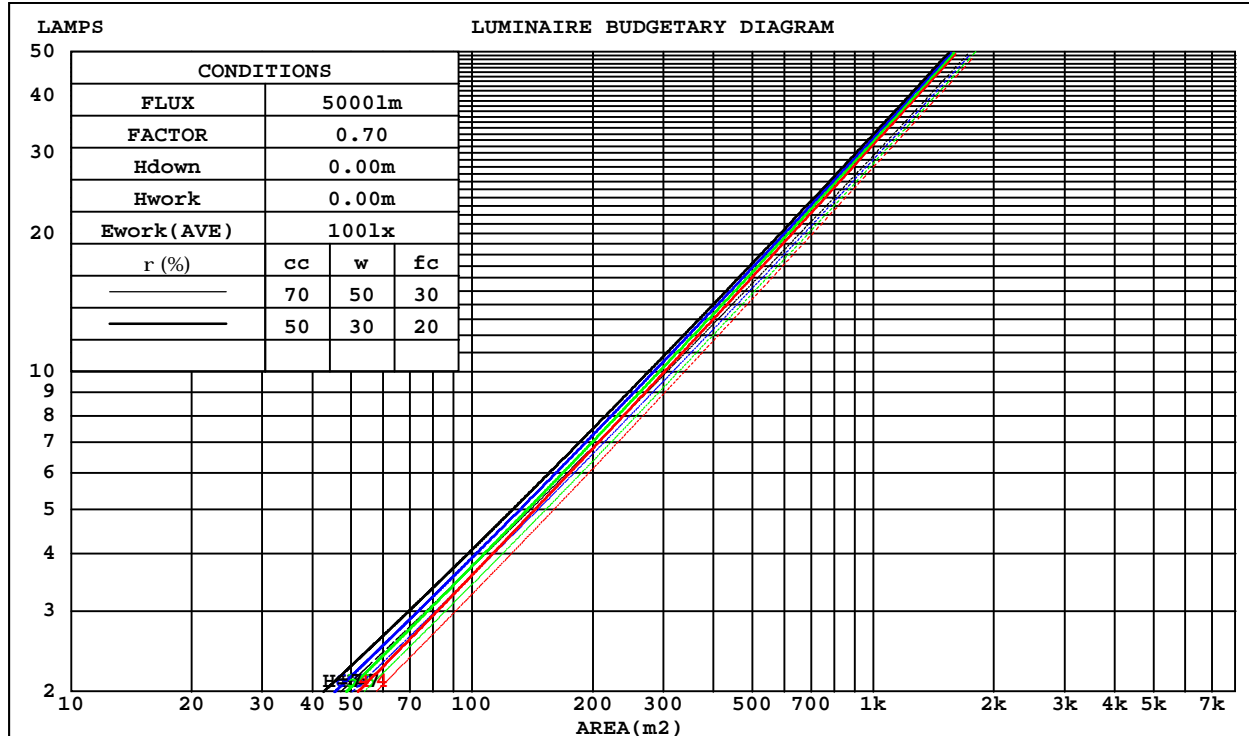
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-3-9

G Range: 0 - 180DEG  
G Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
LENS:PM-1083B 36R  
DRIVER:9290014101 350mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.28V I:0.0748A P:16.170W PF:0.9788 Freq:49.99Hz Lamp Flux:1103.84x1 lm		
NAME: 2118.615-ACOT-36	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2203090136
MFR.: RISE	SUR.:0.003316625m2	Shielding Angle:

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Coefficients of Utilization(CU)															
0.0	1.06	1.06	1.06	1.03	1.03	1.03	.99	.99	.99	.94	.94	.94	.91	.91	.91	.89
1.0	.00	.98	.96	.98	.96	.95	.94	.93	.92	.91	.90	.89	.88	.87	.87	.85
2.0	.95	.92	.89	.93	.91	.88	.90	.88	.87	.88	.86	.85	.85	.84	.83	.82
3.0	.90	.87	.84	.89	.86	.83	.87	.84	.82	.85	.83	.81	.83	.81	.80	.78
4.0	.86	.82	.79	.85	.82	.79	.83	.80	.78	.82	.79	.77	.80	.78	.76	.75
5.0	.82	.78	.76	.82	.78	.75	.80	.77	.75	.79	.76	.74	.78	.75	.73	.72
6.0	.79	.75	.72	.79	.75	.72	.77	.74	.71	.76	.73	.71	.75	.73	.71	.70
7.0	.76	.72	.69	.76	.72	.69	.75	.71	.69	.74	.71	.68	.73	.70	.68	.67
8.0	.73	.69	.66	.73	.69	.66	.72	.69	.66	.71	.68	.66	.70	.68	.66	.65
9.0	.71	.67	.64	.70	.66	.64	.70	.66	.64	.69	.66	.63	.68	.65	.63	.62
10.0	.68	.64	.62	.68	.64	.62	.67	.64	.61	.67	.64	.61	.66	.63	.61	.60



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-3-9

g Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
LENS:PM-1083B 36R  
DRIVER:9290014101 350mA  
30minutes warm-up

### WEC AND CCEC

Test:U:220.28V I:0.0748A P:16.170W PF:0.9788 Freq:49.99Hz Lamp Flux:1103.84x1 lm		
NAME: 2118.615-ACOT-36	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2203090136
MFR.: RISE	SUR.:0.003316625m2	Shielding Angle:

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Wall Exitance Coefficients(WEC)															
0.0																
1.0	.129	.074	.023	.123	.070	.022	.112	.064	.021	.102	.059	.019	.093	.054	.017	
2.0	.121	.066	.020	.116	.064	.020	.107	.059	.018	.098	.055	.017	.091	.051	.016	
3.0	.113	.060	.018	.109	.059	.018	.102	.055	.017	.095	.052	.016	.088	.049	.015	
4.0	.107	.056	.016	.103	.054	.016	.097	.051	.015	.091	.049	.015	.085	.046	.014	
5.0	.101	.052	.015	.098	.050	.015	.093	.048	.014	.088	.046	.014	.083	.044	.013	
6.0	.096	.048	.014	.094	.047	.014	.089	.046	.013	.084	.044	.013	.080	.042	.013	
7.0	.092	.045	.013	.090	.045	.013	.085	.043	.012	.081	.042	.012	.078	.040	.012	
8.0	.088	.043	.012	.086	.042	.012	.082	.041	.012	.079	.040	.011	.075	.039	.011	
9.0	.084	.041	.011	.082	.040	.011	.079	.039	.011	.076	.038	.011	.073	.037	.011	
10.0	.081	.039	.011	.079	.038	.011	.076	.037	.011	.074	.037	.010	.071	.036	.010	

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.169	.169	.169	.145	.145	.145	.099	.099	.099	.057	.057	.057	.018	.018	.018	
1.0	.150	.140	.131	.128	.120	.113	.088	.083	.078	.051	.048	.045	.016	.015	.015	
2.0	.134	.118	.104	.115	.101	.090	.079	.070	.063	.046	.041	.037	.015	.013	.012	
3.0	.122	.101	.084	.104	.087	.073	.072	.060	.051	.041	.035	.030	.013	.011	.010	
4.0	.111	.087	.069	.095	.075	.060	.066	.052	.042	.038	.031	.025	.012	.010	.008	
5.0	.102	.076	.057	.088	.066	.050	.060	.046	.035	.035	.027	.021	.011	.009	.007	
6.0	.095	.068	.048	.081	.059	.042	.056	.041	.030	.033	.024	.018	.011	.008	.006	
7.0	.088	.060	.041	.076	.052	.036	.052	.037	.025	.030	.022	.015	.010	.007	.005	
8.0	.083	.055	.035	.071	.047	.031	.049	.033	.022	.029	.020	.013	.009	.006	.004	
9.0	.078	.050	.031	.067	.043	.027	.047	.030	.019	.027	.018	.011	.009	.006	.004	
10.0	.074	.046	.027	.064	.040	.023	.044	.028	.017	.026	.016	.010	.008	.005	.003	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-3-9

g Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
LENS:PM-1083B 36R  
DRIVER:9290014101 350mA  
30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:220.28V I:0.0748A P:16.170W PF:0.9788 Freq:49.99Hz Lamp Flux:1103.84x1 lm										
NAME: 2118.615-ACOT-36					TYPE:			WEIGHT:		
SPEC.:3000K					DIM.:			SERIAL No.:2203090136		
MFR.: RISE					SUR.:0.003316625m2			Shielding Angle:		
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	8.6	9.4	8.9	9.5	9.7	9.2	9.9	9.4	10.0	10.2
3H	8.5	9.2	8.7	9.3	9.5	9.0	9.7	9.2	9.9	10.0
4H	8.4	9.0	8.7	9.2	9.5	8.9	9.6	9.2	9.8	10.0
6H	8.3	8.9	8.6	9.2	9.4	8.8	9.4	9.1	9.7	9.9
8H	8.3	8.9	8.6	9.1	9.4	8.8	9.4	9.1	9.6	9.9
12H	8.2	8.8	8.5	9.0	9.3	8.7	9.3	9.1	9.6	9.8
4H 2H	8.4	9.1	8.7	9.3	9.5	8.9	9.6	9.2	9.8	10.0
3H	8.3	8.8	8.6	9.1	9.3	8.8	9.3	9.1	9.6	9.8
4H	8.2	8.7	8.5	9.0	9.3	8.7	9.2	9.0	9.5	9.8
6H	8.1	8.5	8.4	8.8	9.2	8.6	9.0	8.9	9.3	9.7
8H	8.0	8.4	8.4	8.8	9.1	8.5	8.9	8.9	9.3	9.6
12H	8.0	8.3	8.4	8.7	9.1	8.5	8.8	8.9	9.2	9.6
8H 4H	8.0	8.4	8.4	8.8	9.1	8.5	8.9	8.9	9.3	9.6
6H	7.9	8.2	8.3	8.6	9.0	8.4	8.7	8.8	9.1	9.6
8H	7.8	8.1	8.3	8.6	9.0	8.3	8.6	8.8	9.1	9.5
12H	7.8	8.0	8.2	8.5	8.9	8.3	8.5	8.7	9.0	9.5
12H 4H	8.0	8.3	8.4	8.7	9.1	8.5	8.8	8.9	9.2	9.6
6H	7.8	8.1	8.3	8.6	9.0	8.3	8.6	8.8	9.1	9.5
8H	7.8	8.0	8.2	8.5	8.9	8.3	8.5	8.7	9.0	9.5
Variations with the observer position at spacings:										
S = 1.0H	+ 2.7 / -10.9					+ 3.4 / -10.1				
1.5H	+ 4.4 / - 7.1					+ 5.0 / - 7.8				
2.0H	+ 5.6 / -11.2					+ 6.2 / -11.5				

CIE Pub.117, 1104 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 0.3$ )  
Area: 0.00331663 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-3-9

g Range: 0 - 180DEG  
g Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
LENS:PM-1083B 36R  
DRIVER:9290014101 350mA  
30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:220.28V I:0.0748A P:16.170W PF:0.9788 Freq:49.99Hz Lamp Flux:1103.84x1 lm		
NAME: 2118.615-ACOT-36	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2203090136
MFR.: RISE	SUR.:0.003316625m2	Shielding Angle:

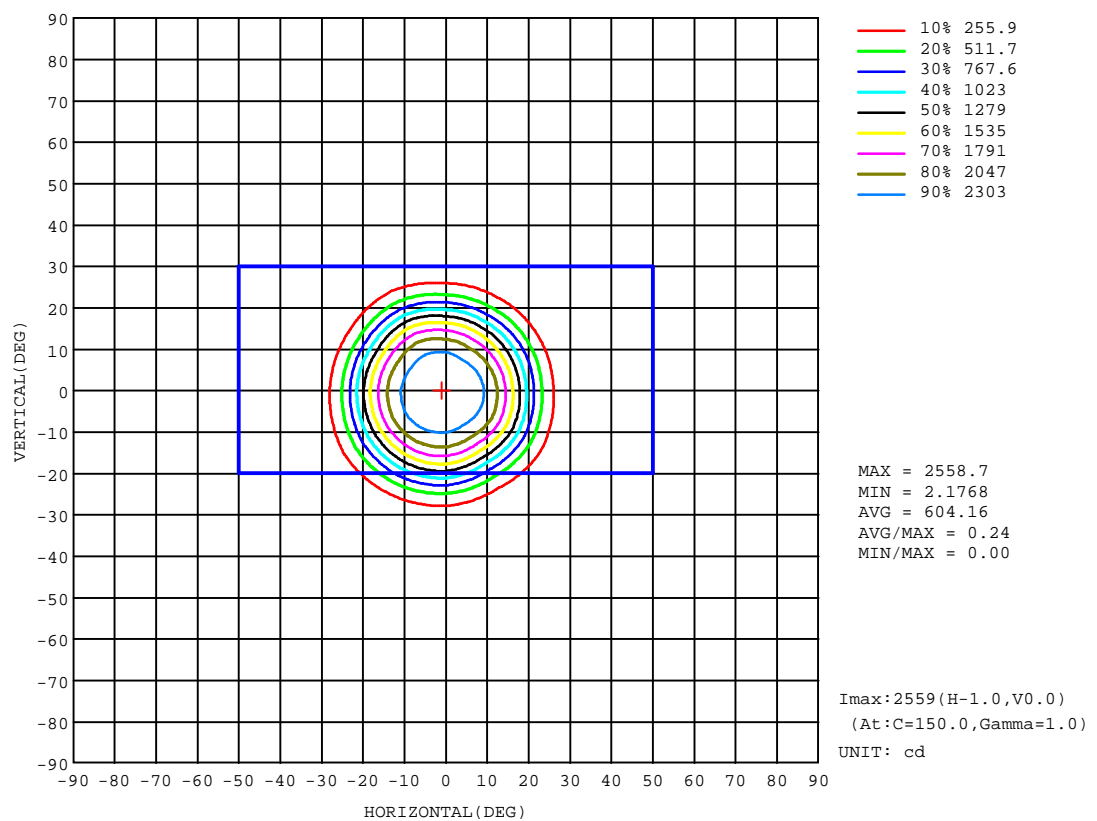
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	80	75	72	80	75	72	79	75	72	69
0.80	87	82	79	86	82	79	85	81	78	76
1.00	90	86	83	89	85	82	88	85	82	79
1.25	93	89	86	92	89	86	91	88	85	82
1.50	95	92	89	94	91	89	92	90	88	84
2.00	97	94	91	96	93	91	94	91	89	85
2.50	99	96	93	97	95	92	95	92	91	86
3.00	100	97	95	98	96	94	95	94	92	87
4.00	102	99	98	100	98	96	97	95	94	88
5.00	103	101	99	101	99	98	97	96	95	89
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:Zoe  
 Test Date:2022-3-9

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
 Humidity:65.0%  
 Test Distance:3.160m [K=1.0000]  
 Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
 LENS:PM-1083B 36R  
 DRIVER:9290014101 350mA  
 30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:220.28V I:0.0748A P:16.170W PF:0.9788 Freq:49.99Hz Lamp Flux:1103.84x1 lm		
NAME: 2118.615-ACOT-36	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2203090136
MFR.: RISE	SUR.:0.003316625m2	Shielding Angle:

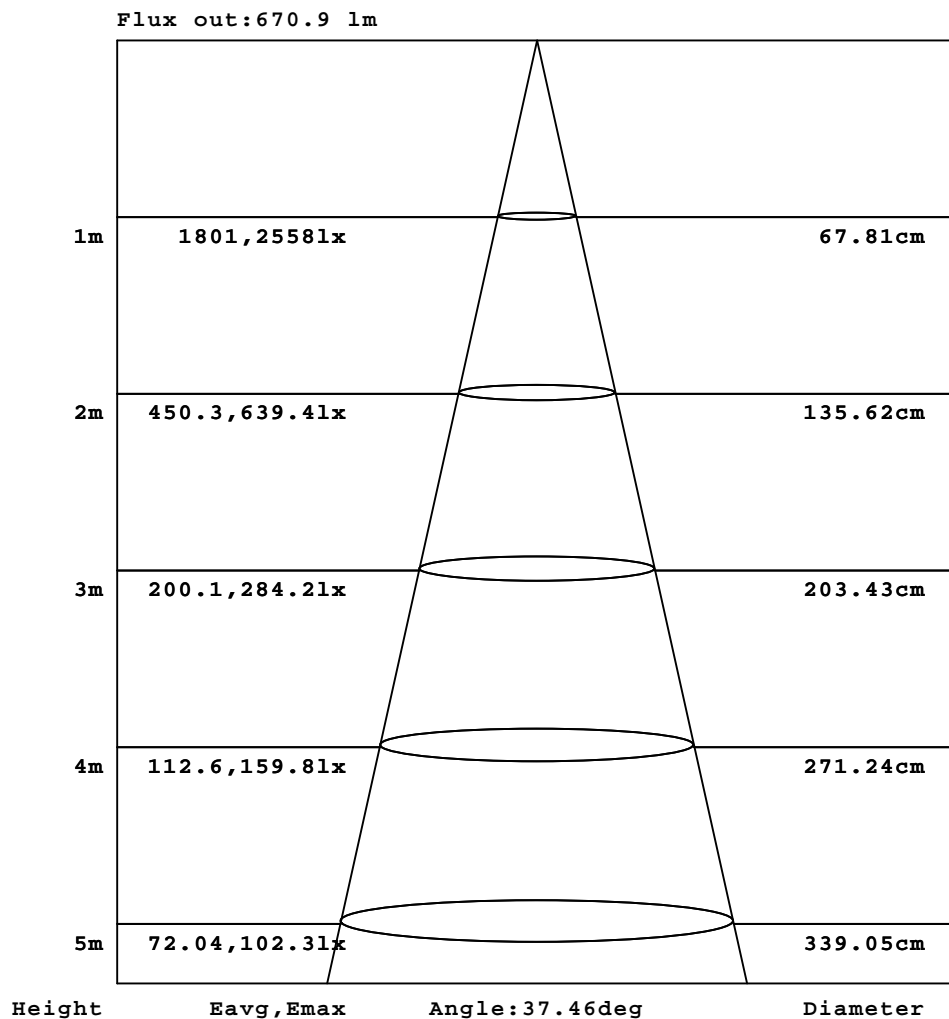


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-3-9

g Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
LENS:PM-1083B 36R  
DRIVER:9290014101 350mA  
30minutes warm-up

### AAI Figure

Test:U:220.28V I:0.0748A P:16.170W PF:0.9788 Freq:49.99Hz Lamp Flux:1103.84x1 lm		
NAME: 2118.615-ACOT-36	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2203090136
MFR.: RISE	SUR.:0.003316625m2	Shielding Angle:



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

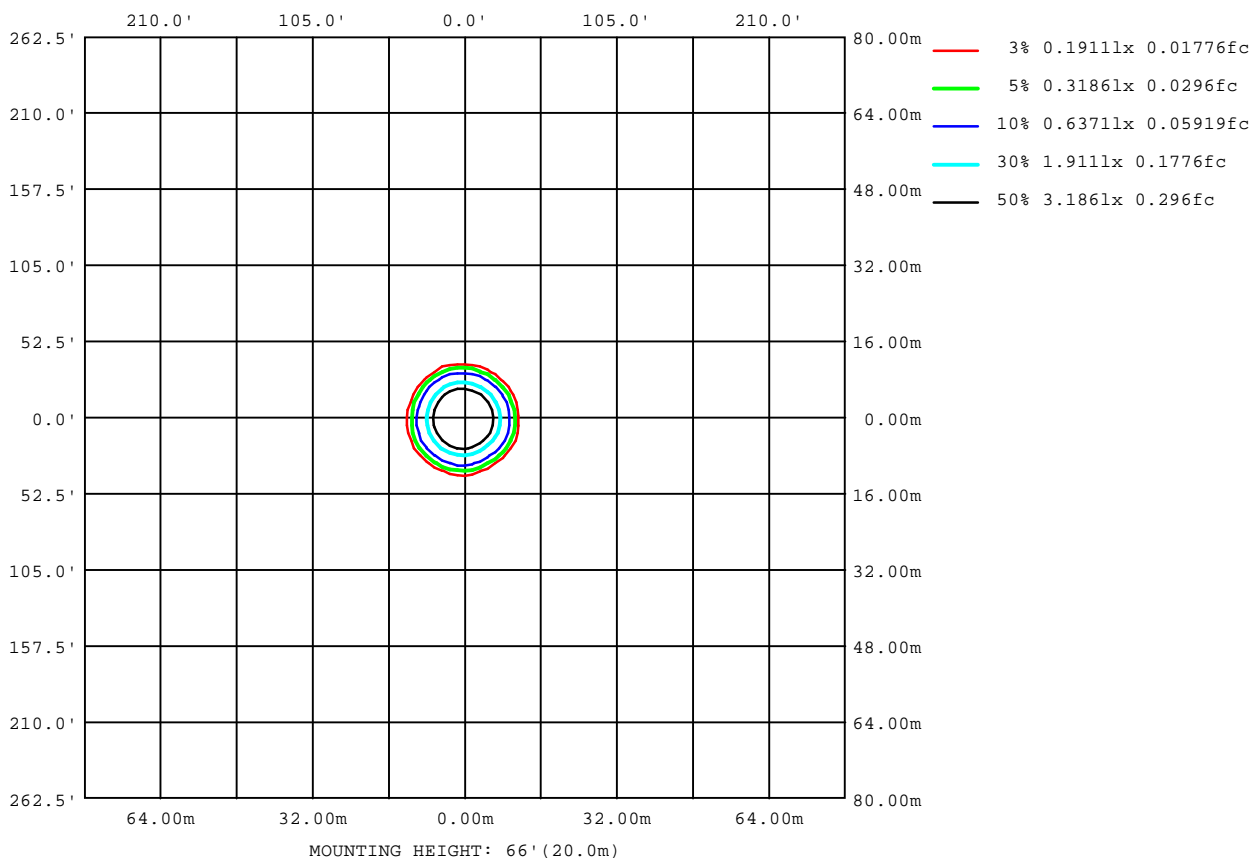
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-3-9

g Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
LENS:PM-1083B 36R  
DRIVER:9290014101 350mA  
30minutes warm-up



## ISOLUX DIAGRAM

Test:U:220.28V I:0.0748A P:16.170W PF:0.9788 Freq:49.99Hz Lamp Flux:1103.84x1 lm		
NAME: 2118.615-ACOT-36	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2203090136
MFR.: RISE	SUR.:0.003316625m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-3-9

g Range: 0 - 180DEG  
g Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
LENS:PM-1083B 36R  
DRIVER:9290014101 350mA  
30minutes warm-up

## LED Avg.L Report

Test:U:220.28V I:0.0748A P:16.170W PF:0.9788 Freq:49.99Hz Lamp Flux:1103.84x1 lm		
NAME: 2118.615-ACOT-36	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2203090136
MFR.: RISE	SUR.:0.003316625m2	Shielding Angle:

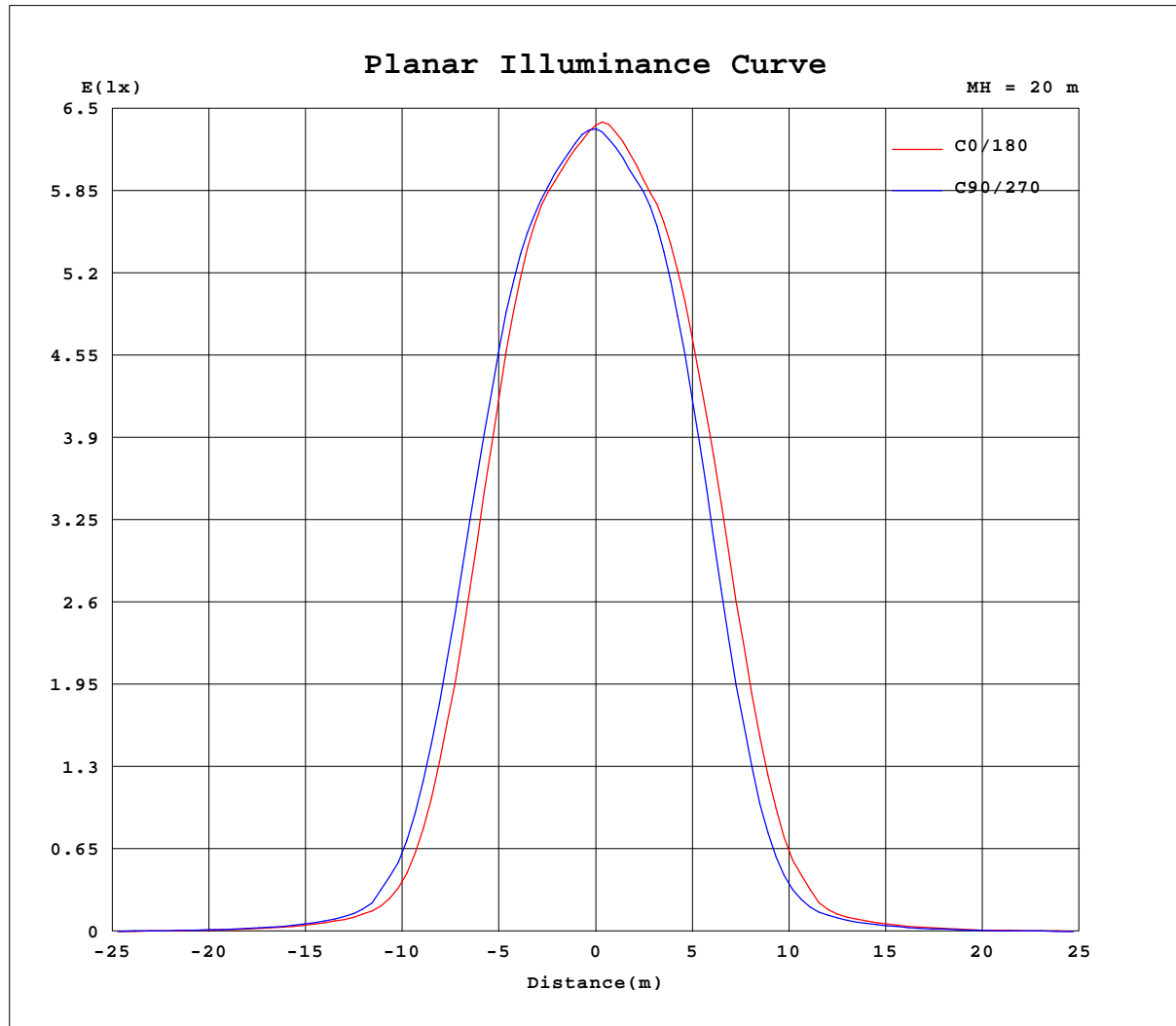
AvgL	cd/m2
L_0~180(65)av	265
L_0~180(75)av	39
L_0~180(85)av	68
L_90~270(65)av	279
L_90~270(75)av	32
L_90~270(85)av	55
L_45(65)av	270
L_45(75)av	28
L_45(85)av	30

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-3-9

g Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
LENS:PM-1083B 36R  
DRIVER:9290014101 350mA  
30minutes warm-up

## Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Zoe  
 Test Date: 2022-3-9

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
 Humidity: 65.0%  
 Test Distance: 3.160m [K=1.0000]  
 Remarks: LAMP: CMA1306-0000-000N0U0A30G Ra:90  
 LENS: PM-1083B 36R  
 DRIVER: 9290014101 350mA  
 30minutes warm-up

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.28V I:0.0748A P:16.170W PF:0.9788 Freq:49.99Hz Lamp Flux:1103.84x1 lm		
NAME: 2118.615-ACOT-36	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2203090136
MFR.: RISE	SUR.:0.003316625m2	Shielding Angle:

Table--1

UNIT: cd

C(°) g (°)	0	30	60	90	120	150	180	210	240	270	300	330						
0	2542	2542	2542	2542	2542	2542	2542	2542	2542	2542	2542	2542						
5	2428	2434	2437	2462	2484	2498	2482	2465	2470	2439	2425	2426						
10	2253	2268	2272	2318	2338	2356	2341	2298	2301	2254	2196	2221						
15	1705	1785	1785	1900	1968	1983	1941	1869	1862	1721	1654	1650						
20	943	1046	1024	1211	1272	1288	1254	1131	1130	941	872	897						
25	333	398	382	505	561	580	523	437	417	318	286	306						
30	101	118	116	142	163	189	139	126	113	95.3	89.0	92.3						
35	52.0	57.6	55.1	61.5	67.2	68.9	61.2	58.2	55.9	48.4	46.8	47.5						
40	27.3	30.1	29.2	32.8	35.3	35.3	32.3	29.9	29.8	25.6	24.8	25.1						
45	14.1	15.1	15.2	17.4	17.8	17.6	16.2	15.3	15.4	13.0	12.8	12.9						
50	7.04	7.70	7.83	8.78	9.30	8.62	8.31	7.91	7.90	6.63	6.31	6.43						
55	2.86	3.18	3.13	3.67	3.95	3.67	3.50	3.30	3.31	2.72	2.57	2.62						
60	1.18	1.26	1.31	1.55	1.62	1.45	1.44	1.44	1.40	1.06	1.07	1.08						
65	0.26	0.33	0.31	0.52	0.59	0.52	0.48	0.43	0.40	0.26	0.22	0.22						
70	0.06	0.05	0.04	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.04	0.05						
75	0.03	0.02	0.02	0.02	0.03	0.03	0.03	0.02	0.02	0.03	0.02	0.03						
80	0.03	0.01	0.01	0.02	0.02	0.01	0.03	0.01	0.02	0.02	0.01	0.02						
85	0.02	0.01	0.01	0.02	0.01	0.01	0.02	0.01	0.01	0.02	0.01	0.01						
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
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