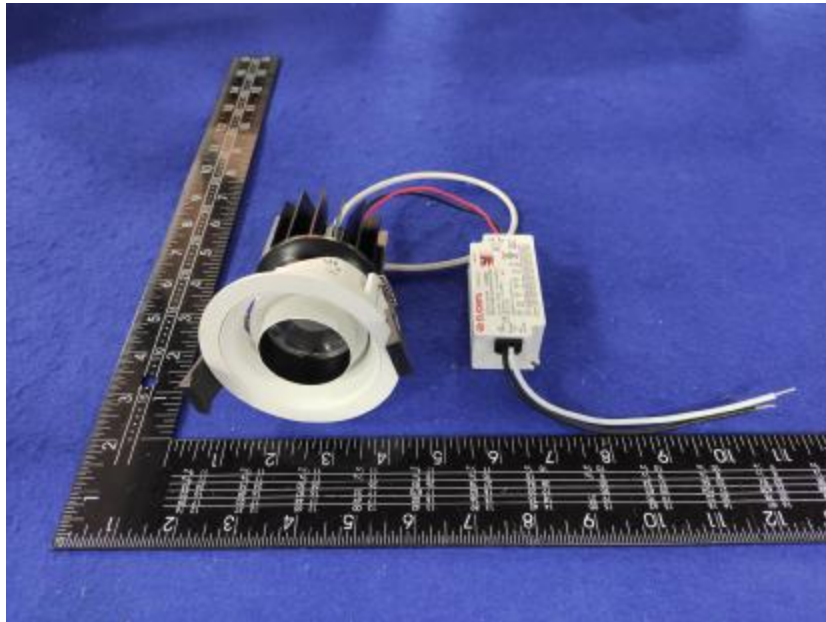


## Luminaire Photograph



Light Output Ratio:	86.7%	
Luminaire Power:	13.6 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: 2022-7-18

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: PUP10T-1LMC-350 250mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

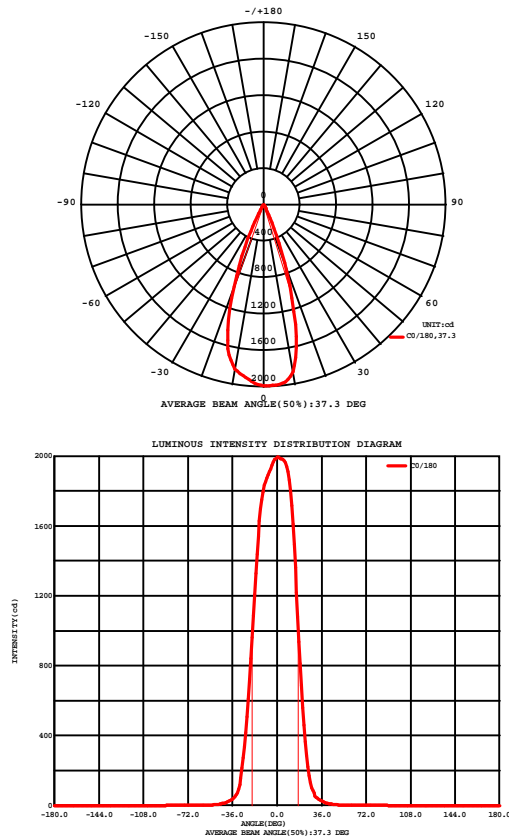


Fig. C0/C180

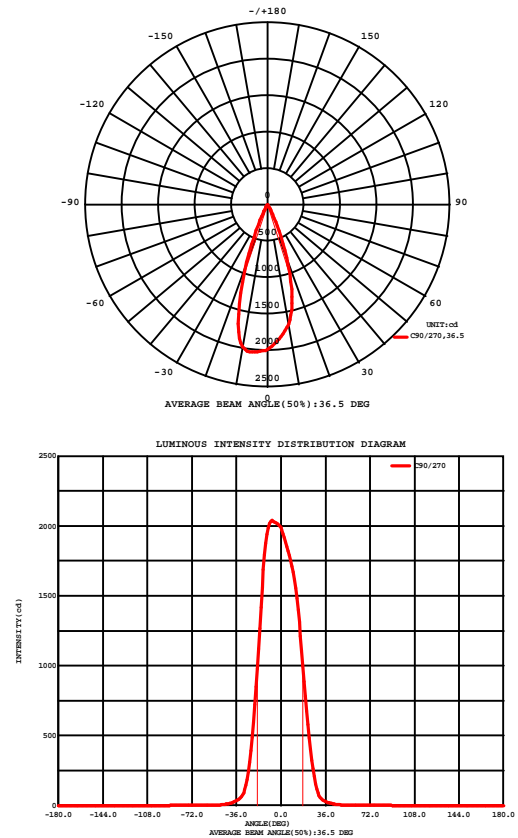


Fig. C90/C270

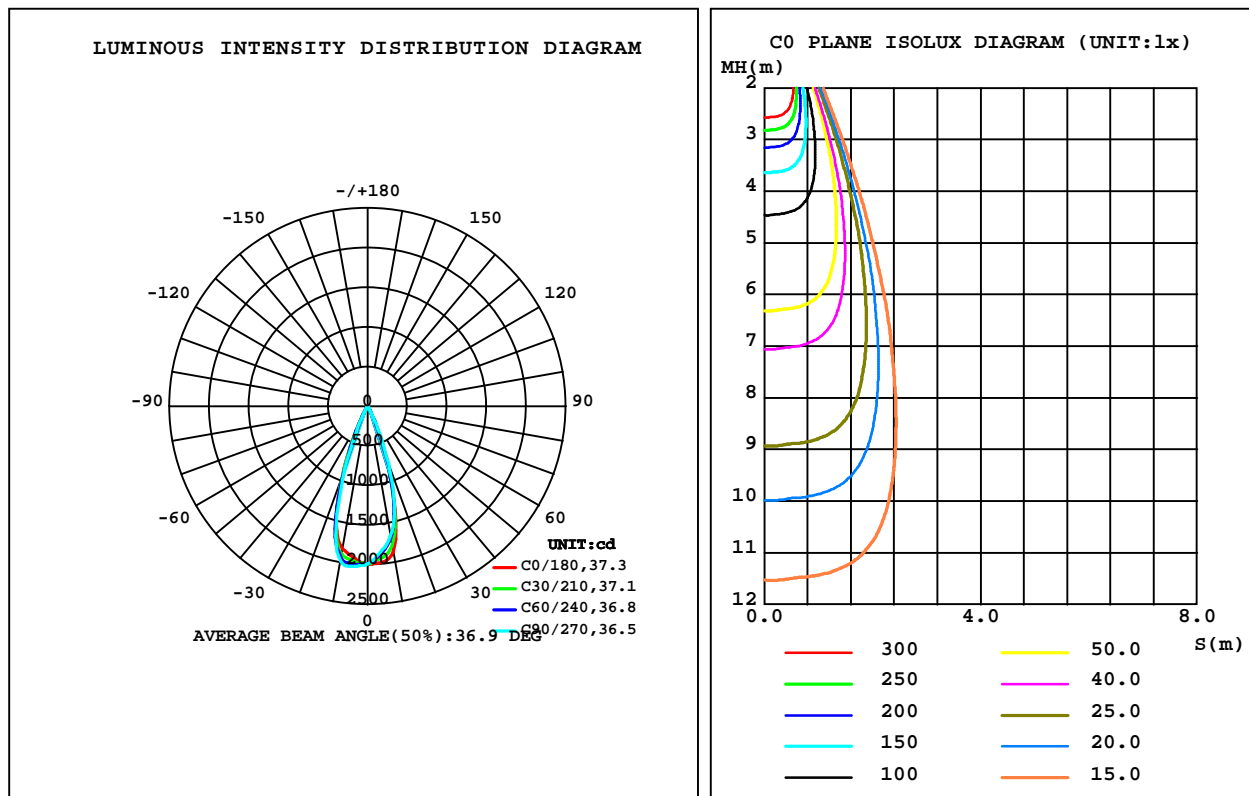
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-7-18

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:PUP10T-1LMC-350 250mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.86V I:0.1199A P:13.602W PF:0.9433 Freq:59.98Hz Lamp Flux:873.09x1 lm		
NAME: 2118.583-LEA-01	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2207180579
MFR.: RISE	SUR.:0.001256m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 55.68 lm/W			
MODEL	CREE	I <sub>max</sub> (cd)	2046	S/MH(C0/180)	0.59
NOMINAL POWER(W)	13	LOR(%)	86.7	S/MH(C90/270)	0.57
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	757.32	h UP,DN(C0-180)	0.0,41.1
NOMINAL FLUX(lm)	873.09	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.0,45.6
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	h down(%)	86.7	CIBSE SHR MAX	0.55



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-7-18

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:PUP10T-1LMC-350 250mA  
30minutes warm-up

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

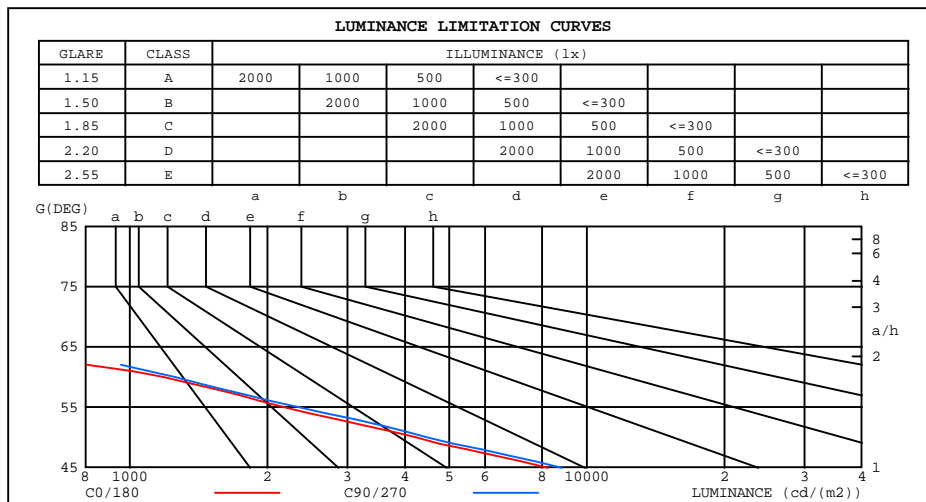
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	1861	1743	1668	1718	1832	1925	1985	1960	0- 10	182.8	182.8	24.1,20.9
20	685.2	702.9	780.0	878.8	962.7	927.5	848.9	766.0	10- 20	380.9	563.7	74.4,64.6
30	69.65	72.11	88.92	108.4	119.3	107.0	87.05	78.82	20- 30	159.1	722.8	95.4,82.8
40	14.39	14.77	16.25	18.90	20.12	19.53	17.62	15.88	30- 40	25.44	748.2	98.8,85.7
50	3.396	3.474	3.597	4.130	4.422	4.210	3.896	3.575	40- 50	6.841	755.1	99.7,86.5
60	0.7435	0.7578	0.7878	0.9058	0.9553	0.9641	0.8095	0.7605	50- 60	1.771	756.9	99.9,86.7
70	0.1291	0.1348	0.1544	0.1614	0.1652	0.1474	0.1371	0.1273	60- 70	0.3664	757.2	100,86.7
80	0.0350	0.0301	0.0390	0.0384	0.0402	0.0322	0.0370	0.0286	70- 80	0.0834	757.3	100,86.7
90	0	0	0	0	0	0	0	0	80- 90	0.0150	757.3	100,86.7
100	0	0	0	0	0	0	0	0	90-100	0	757.3	100,86.7
110	0	0	0	0	0	0	0	0	100-110	0	757.3	100,86.7
120	0	0	0	0	0	0	0	0	110-120	0	757.3	100,86.7
130	0	0	0	0	0	0	0	0	120-130	0	757.3	100,86.7
140	0	0	0	0	0	0	0	0	130-140	0	757.3	100,86.7
150	0	0	0	0	0	0	0	0	140-150	0	757.3	100,86.7
160	0	0	0	0	0	0	0	0	150-160	0	757.3	100,86.7
170	0	0	0	0	0	0	0	0	160-170	0	757.3	100,86.7
180	0	0	0	0	0	0	0	0	170-180	0	757.3	100,86.7
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-7-18

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:PUP10T-1LMC-350 250mA  
30minutes warm-up

## LUMINANCE LIMITATION CURVES

Test:U:119.86V I:0.1199A P:13.602W PF:0.9433 Freq:59.98Hz Lamp Flux:873.09x1 lm		
NAME: 2118.583-LEA-01	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2207180579
MFR.: RISE	SUR.:0.001256m2	Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	181	167
80	161	179
75	214	246
70	301	359
65	460	563
60	1185	1255
55	2174	2335
50	4212	4457
45	8212	8821

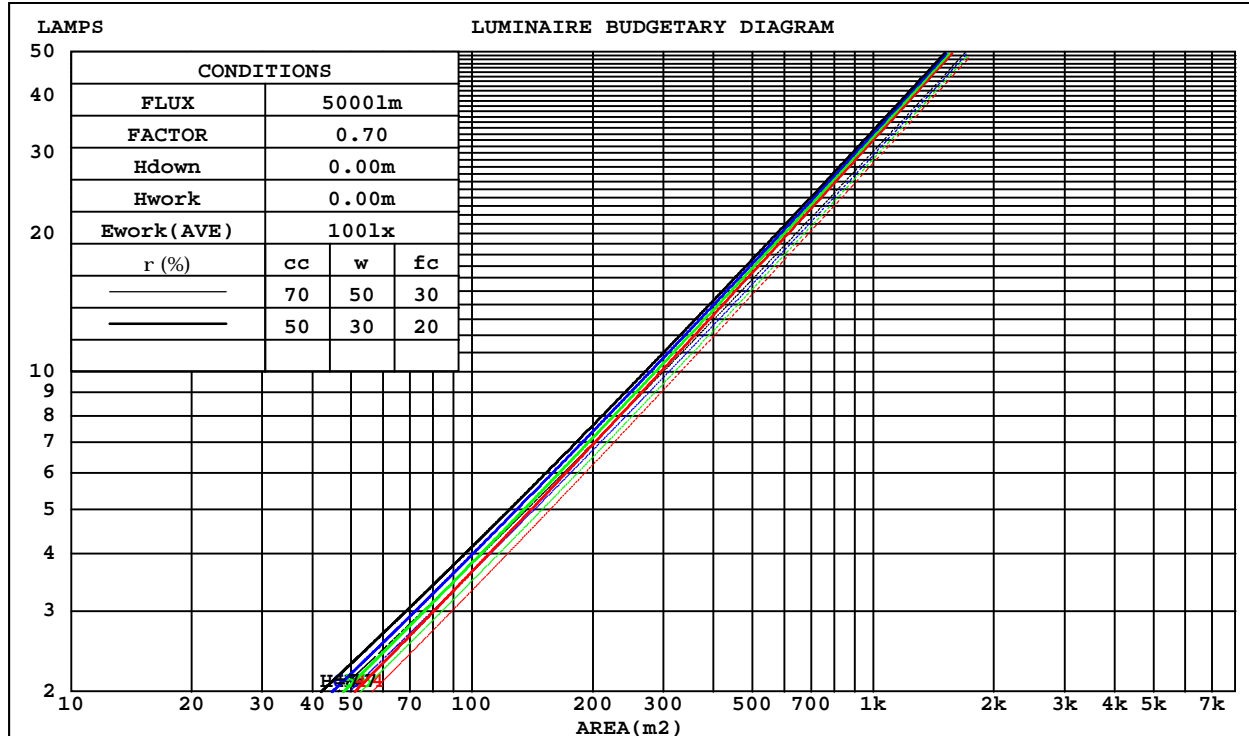
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-7-18

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:PUP10T-1LMC-350 250mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.86V I:0.1199A P:13.602W PF:0.9433 Freq:59.98Hz Lamp Flux:873.09x1 lm		
NAME: 2118.583-LEA-01	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2207180579
MFR.: RISE	SUR.:0.001256m2	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	1.03	1.03	1.03	1.01	1.01	1.01	.96	.96	.96	.92	.92	.92	.89	.89	.89	.87
1.0	.98	.96	.94	.96	.94	.93	.92	.91	.90	.89	.88	.87	.86	.85	.85	.83
2.0	.93	.90	.88	.91	.89	.87	.89	.87	.85	.86	.84	.83	.84	.82	.81	.80
3.0	.88	.85	.82	.87	.84	.82	.85	.83	.80	.83	.81	.79	.81	.79	.78	.77
4.0	.84	.81	.78	.84	.80	.78	.82	.79	.77	.80	.78	.76	.79	.77	.75	.74
5.0	.81	.77	.74	.80	.77	.74	.79	.76	.73	.77	.75	.73	.76	.74	.72	.71
6.0	.78	.74	.71	.77	.74	.71	.76	.73	.70	.75	.72	.70	.74	.71	.70	.69
7.0	.75	.71	.68	.74	.71	.68	.73	.70	.68	.72	.70	.67	.72	.69	.67	.66
8.0	.72	.68	.66	.72	.68	.65	.71	.68	.65	.70	.67	.65	.69	.67	.65	.64
9.0	.70	.66	.63	.69	.66	.63	.69	.65	.63	.68	.65	.63	.67	.65	.63	.62
10.0	.67	.64	.61	.67	.63	.61	.66	.63	.61	.66	.63	.61	.65	.62	.60	.60



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-7-18

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:PUP10T-1LMC-350 250mA  
30minutes warm-up

### WEC AND CCEC

Test:U:119.86V I:0.1199A P:13.602W PF:0.9433 Freq:59.98Hz Lamp Flux:873.09x1 lm		
NAME: 2118.583-LEA-01	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2207180579
MFR.: RISE	SUR.:0.001256m2	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	.125	.071	.023	.119	.068	.022	.108	.062	.020	.099	.057	.018	.089	.052	.017															
2.0	.117	.064	.020	.112	.062	.019	.103	.057	.018	.095	.053	.017	.087	.049	.016															
3.0	.109	.058	.017	.105	.056	.017	.098	.053	.016	.091	.050	.015	.084	.047	.014															
4.0	.103	.053	.016	.100	.052	.015	.093	.049	.015	.087	.047	.014	.082	.044	.014															
5.0	.097	.050	.014	.095	.049	.014	.089	.046	.014	.084	.044	.013	.079	.042	.013															
6.0	.093	.046	.013	.090	.046	.013	.085	.044	.013	.081	.042	.012	.077	.040	.012															
7.0	.088	.044	.012	.086	.043	.012	.082	.041	.012	.078	.040	.012	.075	.039	.011															
8.0	.084	.041	.012	.083	.041	.011	.079	.039	.011	.076	.038	.011	.072	.037	.011															
9.0	.081	.039	.011	.079	.039	.011	.076	.038	.011	.073	.037	.010	.070	.036	.010															
10.0	.078	.037	.010	.076	.037	.010	.073	.036	.010	.071	.035	.010	.068	.034	.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	.165	.165	.165	.141	.141	.141	.096	.096	.096	.055	.055	.055	.018	.018	.018	
1.0	.146	.137	.128	.125	.117	.110	.086	.081	.076	.049	.047	.044	.016	.015	.014	
2.0	.131	.115	.102	.112	.099	.088	.077	.069	.061	.044	.040	.036	.014	.013	.012	
3.0	.119	.098	.082	.102	.085	.071	.070	.059	.050	.040	.034	.029	.013	.011	.010	
4.0	.108	.085	.067	.093	.074	.059	.064	.051	.041	.037	.030	.024	.012	.010	.008	
5.0	.099	.075	.056	.085	.064	.049	.059	.045	.034	.034	.026	.020	.011	.009	.007	
6.0	.092	.066	.047	.079	.057	.041	.055	.040	.029	.032	.024	.017	.010	.008	.006	
7.0	.086	.059	.040	.074	.051	.035	.051	.036	.025	.030	.021	.015	.010	.007	.005	
8.0	.080	.053	.035	.069	.046	.030	.048	.032	.021	.028	.019	.013	.009	.006	.004	
9.0	.076	.048	.030	.065	.042	.026	.045	.030	.019	.026	.017	.011	.009	.006	.004	
10.0	.071	.044	.026	.062	.039	.023	.043	.027	.016	.025	.016	.010	.008	.005	.003	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-7-18

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:PUP10T-1LMC-350 250mA  
30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:119.86V I:0.1199A P:13.602W PF:0.9433 Freq:59.98Hz Lamp Flux:873.09x1 lm											
NAME: 2118.583-LEA-01					TYPE:			WEIGHT:			
SPEC.:3000K					DIM.:			SERIAL No.:2207180579			
MFR.: RISE					SUR.:0.001256m2			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	9.3	8.8	9.5	9.6	9.2	9.9	9.4	10.1	10.2	
	3H	8.5	9.1	8.7	9.3	9.5	9.1	9.7	9.3	9.9	
	4H	8.4	9.0	8.7	9.2	9.4	9.0	9.6	9.3	9.8	
	6H	8.3	8.9	8.6	9.1	9.4	8.9	9.5	9.2	9.7	
	8H	8.3	8.8	8.6	9.1	9.3	8.9	9.4	9.2	9.7	
12H	8.2	8.8	8.5	9.0	9.3	8.8	9.4	9.1	9.6	9.9	
4H	2H	8.4	9.0	8.7	9.3	9.5	9.0	9.6	9.3	9.8	
	3H	8.3	8.8	8.6	9.1	9.3	8.8	9.4	9.1	9.6	
	4H	8.2	8.7	8.5	8.9	9.2	8.7	9.2	9.1	9.5	
	6H	8.1	8.5	8.4	8.8	9.2	8.6	9.1	9.0	9.4	
	8H	8.0	8.4	8.4	8.8	9.1	8.6	9.0	9.0	9.4	
12H	8.0	8.3	8.4	8.7	9.1	8.5	8.9	8.9	9.3	9.7	
8H	4H	8.0	8.4	8.4	8.8	9.1	8.6	9.0	9.0	9.3	
	6H	7.9	8.2	8.3	8.6	9.0	8.5	8.8	8.9	9.2	
	8H	7.8	8.1	8.3	8.6	9.0	8.4	8.7	8.9	9.1	
	12H	7.8	8.0	8.2	8.5	8.9	8.4	8.6	8.8	9.1	
12H	4H	8.0	8.3	8.4	8.7	9.1	8.5	8.9	8.9	9.3	
	6H	7.8	8.1	8.3	8.6	9.0	8.4	8.7	8.9	9.1	
	8H	7.8	8.0	8.2	8.5	8.9	8.4	8.6	8.8	9.1	
Variations with the observer position at spacings:											
S = 1.0H	+ 3.1 / - 9.7					+ 3.5 / -10.0					
1.5H	+ 4.9 / - 7.1					+ 5.4 / - 7.7					
2.0H	+ 5.8 / - 9.2					+ 6.0 / - 9.3					

CIE Pub.117, 873.1 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -0.5)  
Area: 0.001256 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-7-18

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:PUP10T-1LMC-350 250mA  
30minutes warm-up



## UTILIZATION FACTORS TABLE

Test:U:119.86V I:0.1199A P:13.602W PF:0.9433 Freq:59.98Hz Lamp Flux:873.09x1 lm		
NAME: 2118.583-LEA-01	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2207180579
MFR.: RISE	SUR.:0.001256m2	Shielding Angle:

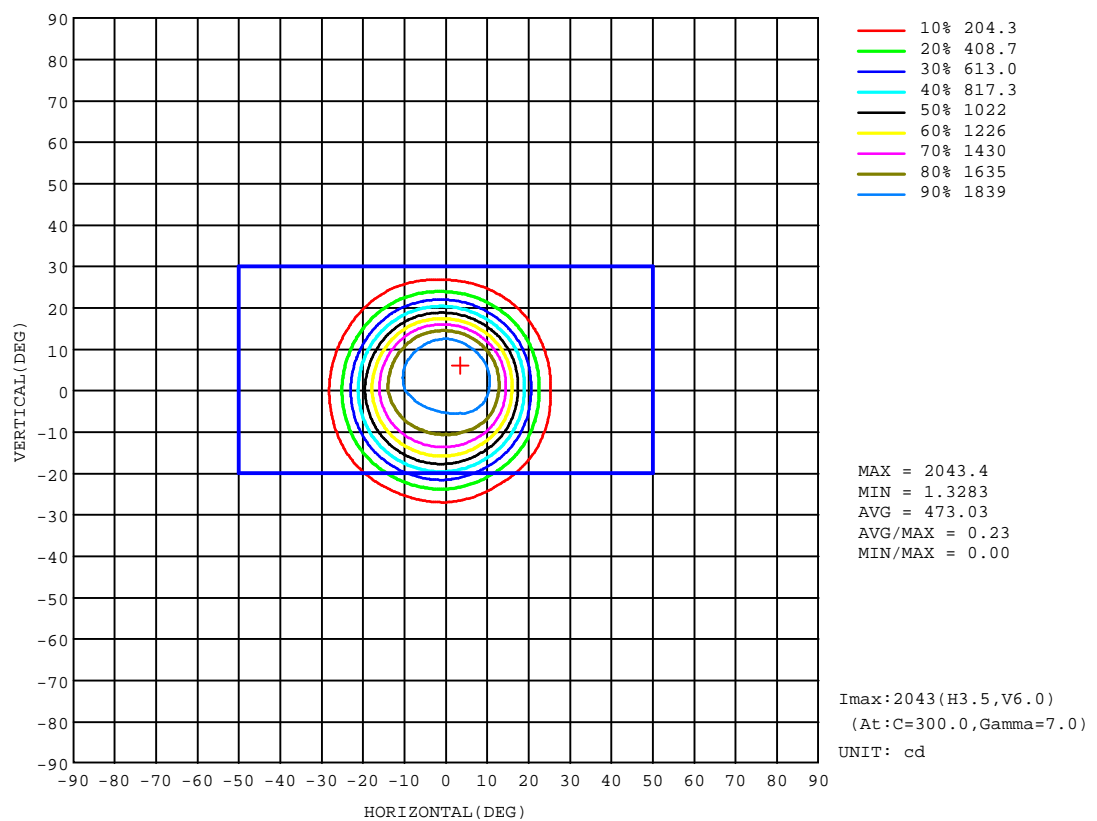
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	79	74	71	78	74	71	78	73	71	68
0.80	85	80	77	84	80	77	83	80	77	74
1.00	88	84	81	87	83	81	86	83	80	77
1.25	91	87	85	90	87	84	89	86	83	80
1.50	93	90	87	92	89	87	90	88	86	82
2.00	95	92	89	94	91	89	92	89	87	83
2.50	97	94	91	95	92	90	93	90	89	84
3.00	98	95	93	96	94	92	93	92	90	85
4.00	99	97	95	98	96	94	94	93	92	86
5.00	100	99	97	99	97	96	95	94	93	87
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:2022-7-18

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:PUP10T-1LMC-350 250mA  
30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:119.86V I:0.1199A P:13.602W PF:0.9433 Freq:59.98Hz Lamp Flux:873.09x1 lm		
NAME: 2118.583-LEA-01	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2207180579
MFR.: RISE	SUR.:0.001256m2	Shielding Angle:

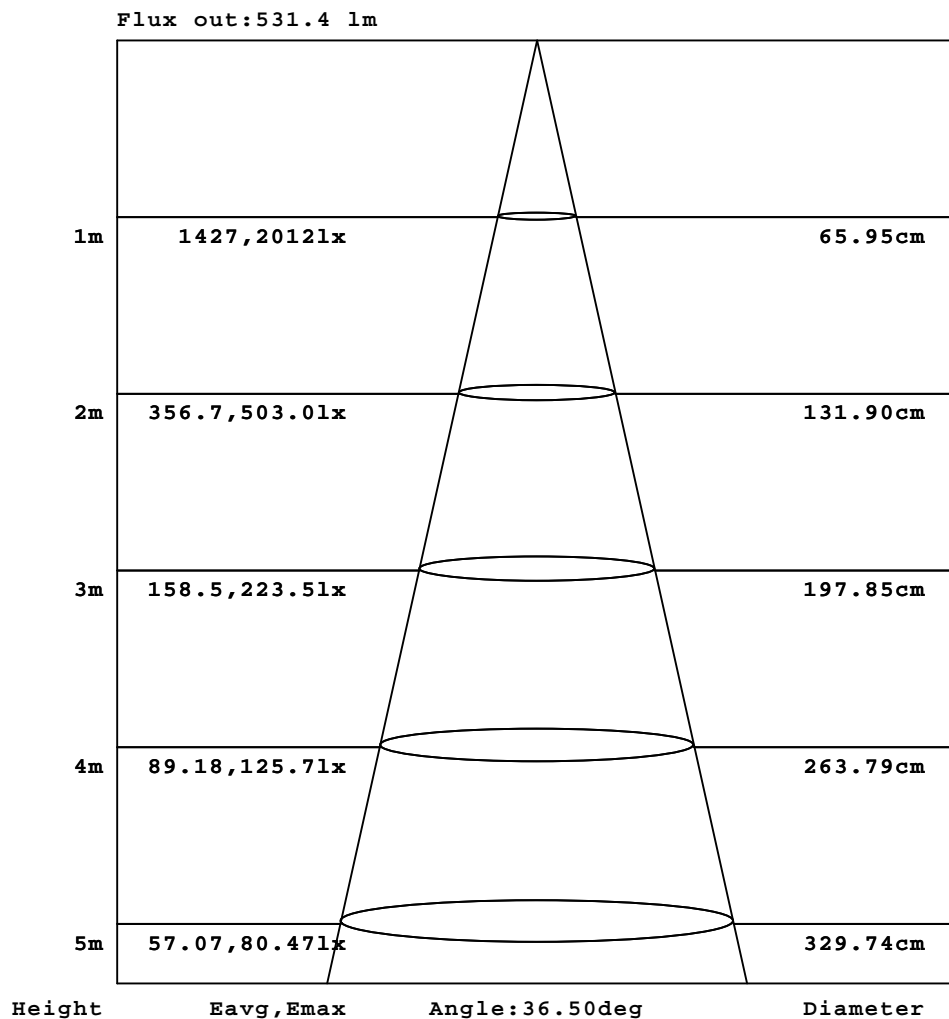


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-7-18

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:PUP10T-1LMC-350 250mA  
30minutes warm-up

## AAI Figure

Test:U:119.86V I:0.1199A P:13.602W PF:0.9433 Freq:59.98Hz Lamp Flux:873.09x1 lm		
NAME: 2118.583-LEA-01	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2207180579
MFR.: RISE	SUR.:0.001256m2	Shielding Angle:



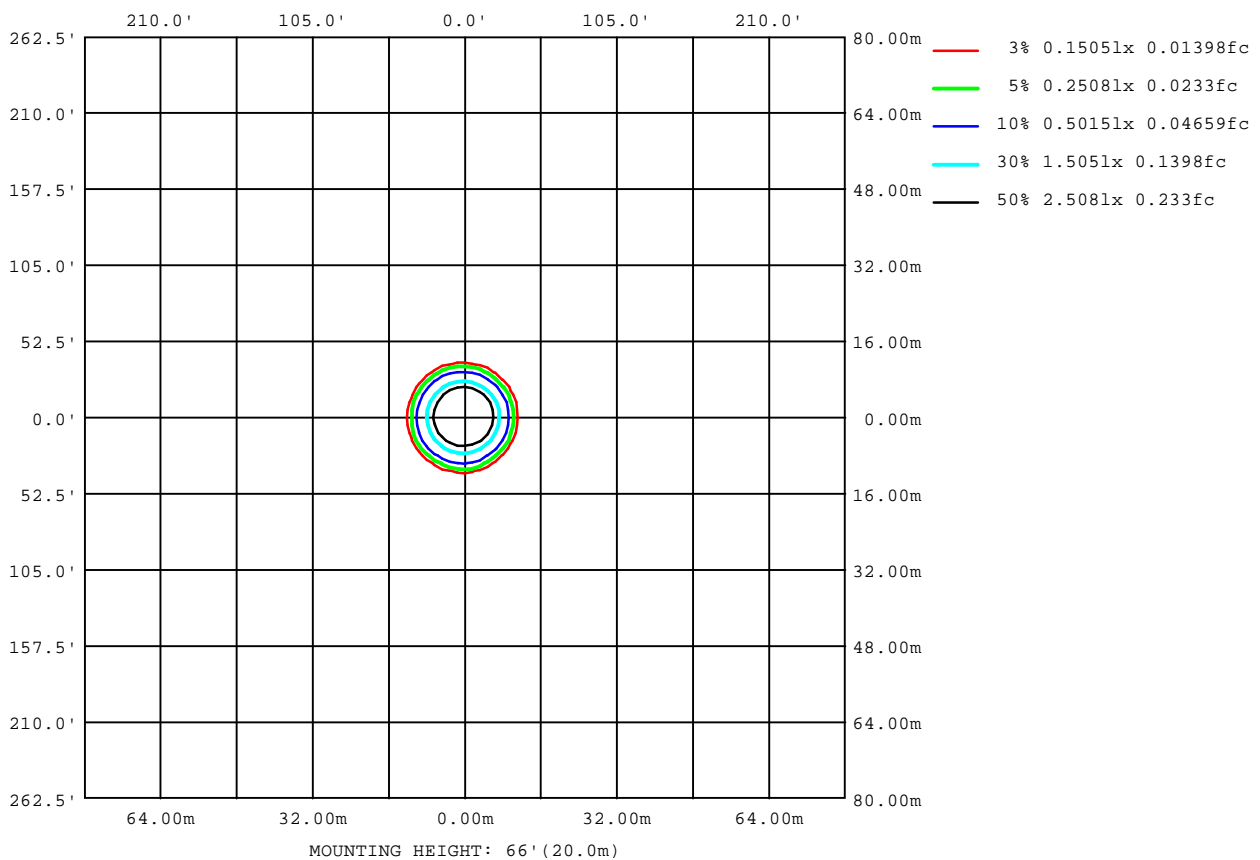
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-7-18

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:PUP10T-1LMC-350 250mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:119.86V I:0.1199A P:13.602W PF:0.9433 Freq:59.98Hz Lamp Flux:873.09x1 lm		
NAME: 2118.583-LEA-01	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2207180579
MFR.: RISE	SUR.:0.001256m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-7-18

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:PUP10T-1LMC-350 250mA  
30minutes warm-up

## LED Avg.L Report

Test:U:119.86V I:0.1199A P:13.602W PF:0.9433 Freq:59.98Hz Lamp Flux:873.09x1 lm		
NAME: 2118.583-LEA-01	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2207180579
MFR.: RISE	SUR.:0.001256m2	Shielding Angle:

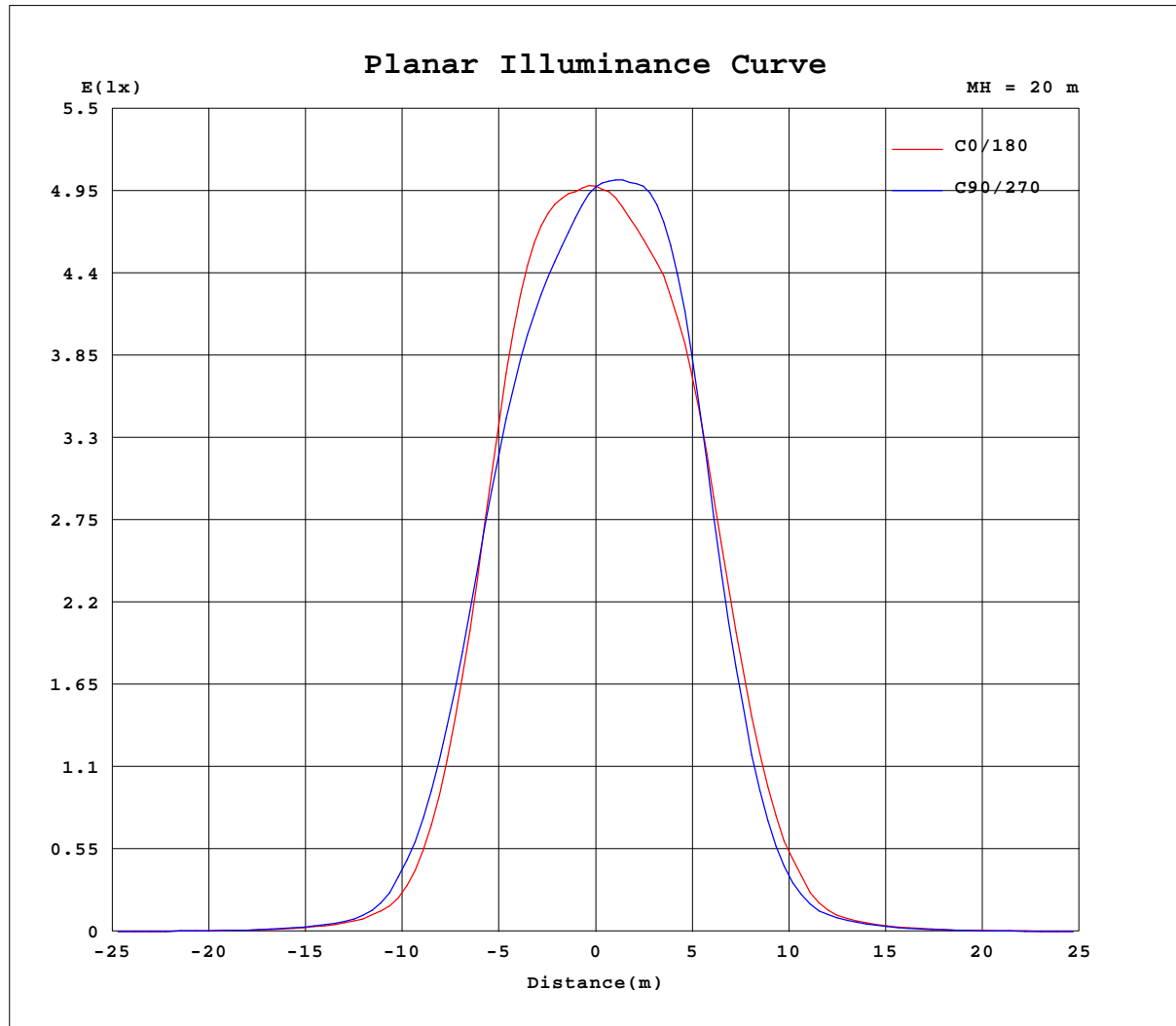
AvgL	cd/m2
L_0~180(65)av	558
L_0~180(75)av	243
L_0~180(85)av	151
L_90~270(65)av	550
L_90~270(75)av	237
L_90~270(85)av	158
L_45(65)av	572
L_45(75)av	223
L_45(85)av	70

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-7-18

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:PUP10T-1LMC-350 250mA  
30minutes warm-up

## Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Zoe  
 Test Date: 2022-7-18

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: PUP10T-1LMC-350 250mA  
 30minutes warm-up

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.86V I:0.1199A P:13.602W PF:0.9433 Freq:59.98Hz Lamp Flux:873.09x1 lm		
NAME: 2118.583-LEA-01	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2207180579
MFR.: RISE	SUR.:0.001256m2	Shielding Angle:

Table--1

UNIT: cd

C(°) g (°)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991	1991						
5	1980	1928	1875	1852	1855	1889	1926	1963	2003	2025	2033	2019						
10	1861	1793	1694	1668	1687	1749	1832	1899	1951	1985	1983	1936						
15	1360	1330	1293	1310	1369	1454	1541	1567	1595	1557	1508	1449						
20	685	693	713	780	842	915	963	938	917	849	776	756						
25	221	254	260	322	352	403	416	390	364	307	284	252						
30	69.7	66.9	77.3	88.9	99.4	117	119	111	103	87.1	81.5	76.2						
35	29.9	30.7	31.8	34.9	38.0	42.0	42.4	41.9	41.1	37.7	35.5	32.6						
40	14.4	14.6	15.0	16.2	17.6	20.2	20.1	19.5	19.6	17.6	16.4	15.4						
45	7.28	7.27	7.46	7.83	8.63	9.21	9.54	9.50	9.18	8.60	8.01	7.56						
50	3.40	3.47	3.47	3.60	4.01	4.25	4.42	4.24	4.18	3.90	3.68	3.47						
55	1.56	1.61	1.61	1.68	1.90	2.06	2.10	2.01	2.00	1.80	1.72	1.59						
60	0.74	0.77	0.75	0.79	0.87	0.94	0.96	0.96	0.97	0.81	0.78	0.74						
65	0.24	0.26	0.27	0.30	0.32	0.33	0.35	0.39	0.37	0.29	0.25	0.24						
70	0.13	0.13	0.14	0.15	0.16	0.16	0.17	0.15	0.14	0.14	0.13	0.13						
75	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.08	0.07	0.07	0.06	0.06						
80	0.04	0.03	0.03	0.04	0.04	0.04	0.04	0.03	0.03	0.04	0.03	0.03						
85	0.02	0.01	0.01	0.02	0.01	0.01	0.01	0.00	0.00	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  
Test Speed: HIGH  
Temperature:25.3DEG  
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Test Date:2022-7-18

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30minutes warm-up