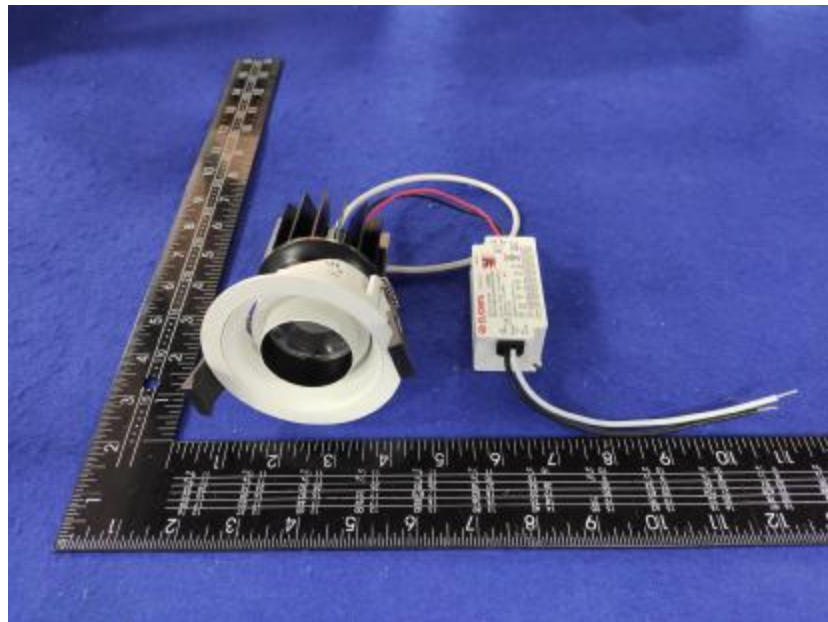


## Luminaire Photograph



Light Output Ratio:	87.7%	
Luminaire Power:	13.61 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	1.00	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-1083A 24R  
DRIVER: PUP10T-1LMC-350 250mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

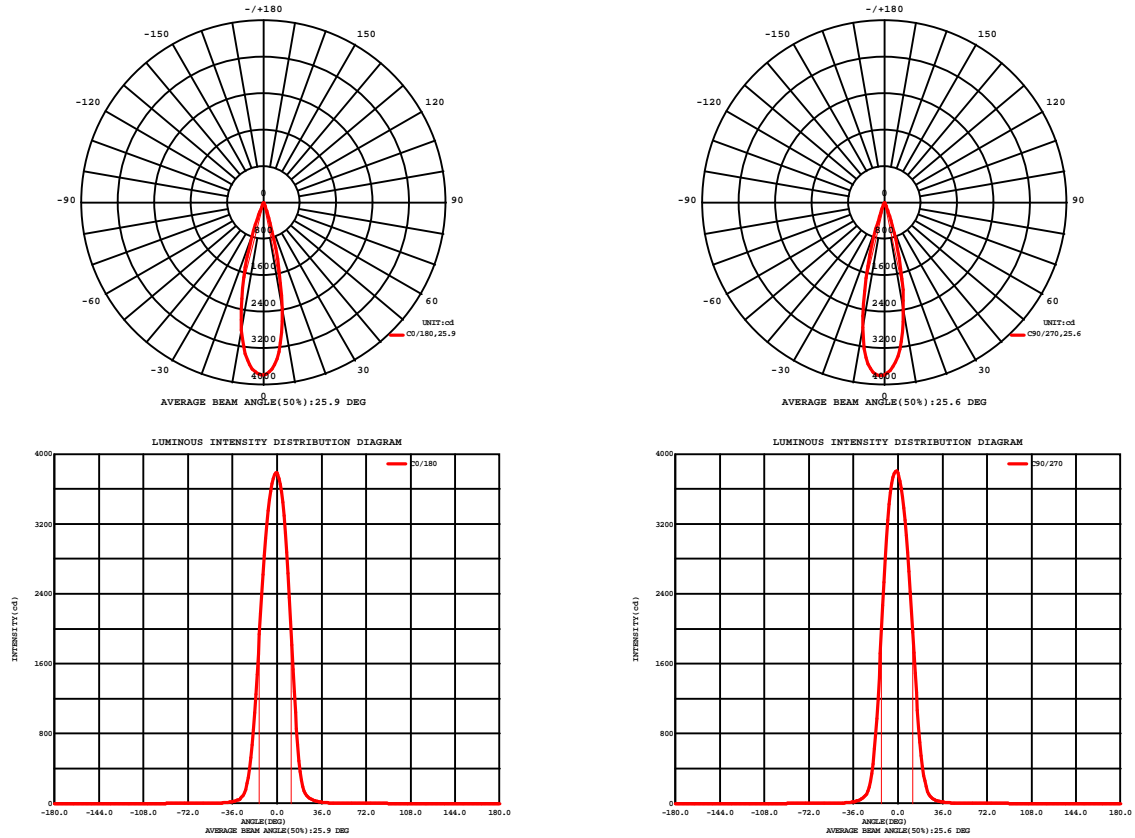


Fig. C0/C180

Fig. C90/C270

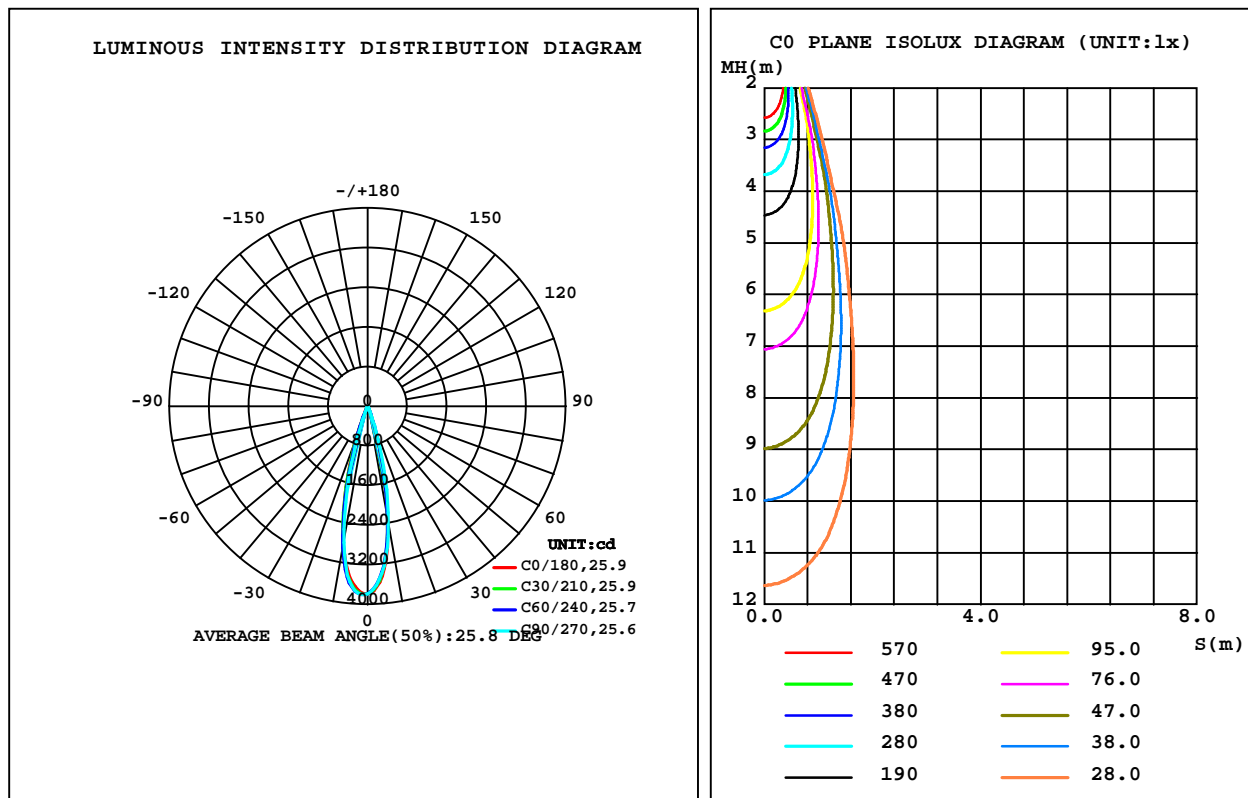
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Zoe  
Test Date: 2022-7-18

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-1083A 24R  
DRIVER: PUP10T-1LMC-350 250mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.86V I:0.1199A P:13.607W PF:0.9432 Freq:59.98Hz Lamp Flux:873.09x1 lm		
NAME: 2118.583-LEA-01	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2207180578
MFR.: RISE	SUR.:0.001256m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 56.25 lm/W			
MODEL	CREE	I <sub>max</sub> (cd)	3805	S/MH(C0/180)	0.45
NOMINAL POWER(W)	13	LOR(%)	87.7	S/MH(C90/270)	0.42
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	765.34	h UP,DN(C0-180)	0.0,40.8
NOMINAL FLUX(lm)	873.09	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.0,46.8
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	120	h down(%)	87.7	CIBSE SHR MAX	1.00



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-1083A 24R  
DRIVER:PUP10T-1LMC-350 250mA  
30minutes warm-up

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

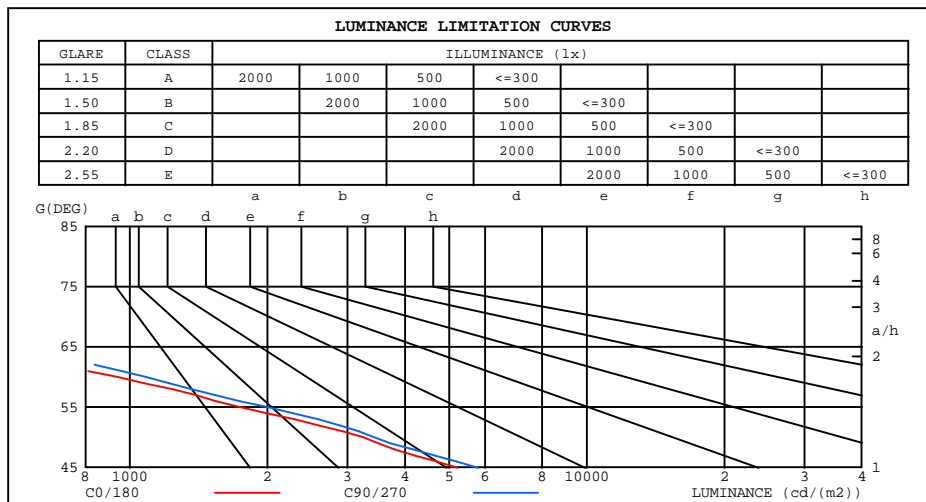
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	2357	2335	2424	2601	2842	2906	2793	2588	0- 10	306.7	306.7	40.1,35.1
20	267.5	308.2	419.3	530.1	668.3	617.6	450.7	347.7	10- 20	370.2	676.9	88.4,77.5
30	34.72	36.92	42.32	48.64	51.01	50.35	45.96	40.76	20- 30	68.07	745.0	97.3,85.3
40	8.798	9.026	9.941	11.16	12.09	11.61	10.58	9.776	30- 40	14.13	759.1	99.2,86.9
50	2.608	2.662	2.761	3.062	3.176	3.052	2.826	2.662	40- 50	4.392	763.5	99.8,87.4
60	0.5898	0.6307	0.6816	0.7572	0.8144	0.7679	0.7027	0.6288	50- 60	1.407	764.9	99.9,87.6
70	0.1201	0.1260	0.1518	0.1621	0.1674	0.1514	0.1323	0.1172	60- 70	0.3231	765.2	100,87.6
80	0.0313	0.0245	0.0406	0.0378	0.0467	0.0338	0.0342	0.0220	70- 80	0.0796	765.3	100,87.7
90	0	0	0	0	0	0	0	0	80- 90	0.0165	765.3	100,87.7
100	0	0	0	0	0	0	0	0	90-100	0	765.3	100,87.7
110	0	0	0	0	0	0	0	0	100-110	0	765.3	100,87.7
120	0	0	0	0	0	0	0	0	110-120	0	765.3	100,87.7
130	0	0	0	0	0	0	0	0	120-130	0	765.3	100,87.7
140	0	0	0	0	0	0	0	0	130-140	0	765.3	100,87.7
150	0	0	0	0	0	0	0	0	140-150	0	765.3	100,87.7
160	0	0	0	0	0	0	0	0	150-160	0	765.3	100,87.7
170	0	0	0	0	0	0	0	0	160-170	0	765.3	100,87.7
180	0	0	0	0	0	0	0	0	170-180	0	765.3	100,87.7
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-1083A 24R  
DRIVER:PUP10T-1LMC-350 250mA  
30minutes warm-up

## LUMINANCE LIMITATION CURVES

Test:U:119.86V I:0.1199A P:13.607W PF:0.9432 Freq:59.98Hz Lamp Flux:873.09x1 lm		
NAME: 2118.583-LEA-01	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2207180578
MFR.: RISE	SUR.:0.001256m2	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	143	178
80	144	186
75	171	257
70	280	353
65	417	530
60	941	1085
55	1743	2005
50	3237	3419
45	5214	5790

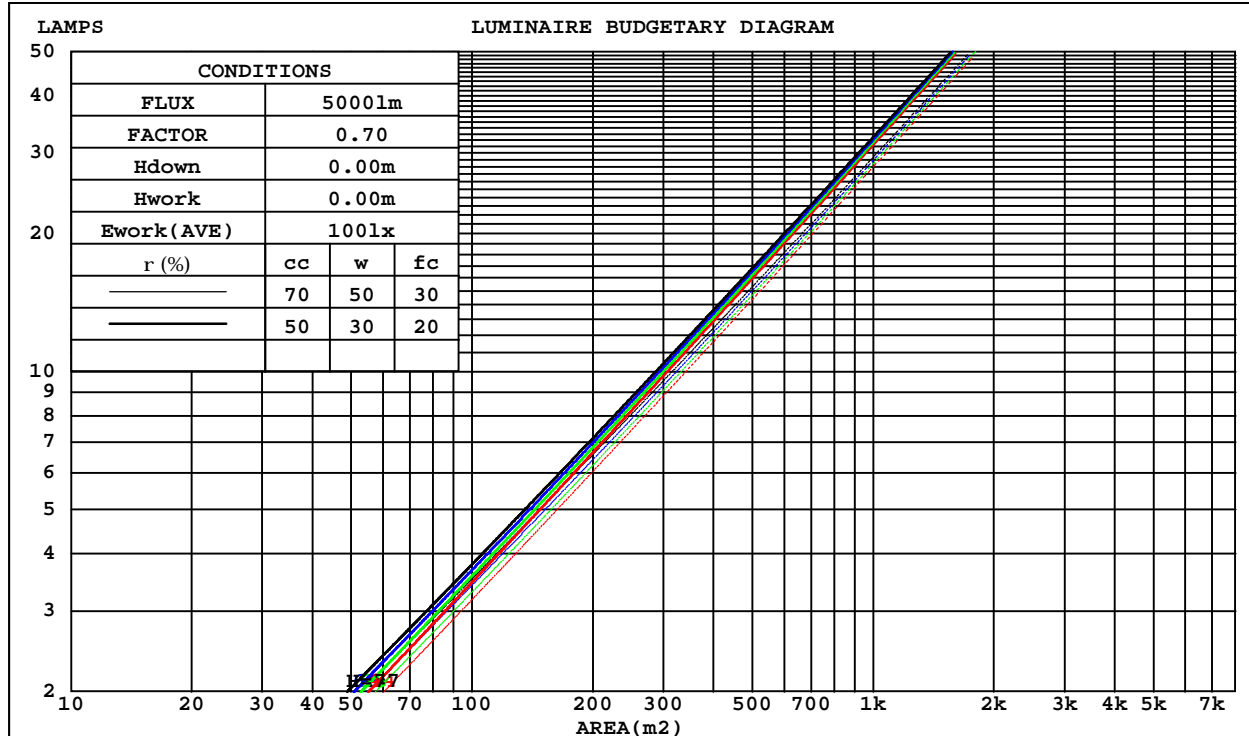
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-7-18

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-1083A 24R  
DRIVER:PUP10T-1LMC-350 250mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.86V I:0.1199A P:13.607W PF:0.9432 Freq:59.98Hz Lamp Flux:873.09x1 lm		
NAME: 2118.583-LEA-01	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2207180578
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	1.04	1.04	1.04	1.02	1.02	1.02	.97	.97	.97	.93	.93	.93	.89	.89	.89	.88
1.0	.99	.98	.96	.97	.96	.95	.94	.93	.92	.91	.90	.89	.88	.87	.87	.85
2.0	.95	.93	.91	.94	.91	.90	.91	.89	.88	.88	.87	.86	.86	.85	.84	.83
3.0	.91	.88	.86	.90	.88	.85	.88	.86	.84	.86	.84	.83	.84	.83	.82	.81
4.0	.88	.85	.83	.87	.84	.82	.86	.83	.81	.84	.82	.80	.83	.81	.79	.78
5.0	.85	.82	.80	.85	.82	.79	.83	.81	.79	.82	.80	.78	.81	.79	.77	.76
6.0	.83	.79	.77	.82	.79	.77	.81	.78	.76	.80	.78	.76	.79	.77	.75	.74
7.0	.80	.77	.75	.80	.77	.75	.79	.76	.74	.78	.76	.74	.77	.75	.73	.73
8.0	.78	.75	.73	.78	.75	.73	.77	.74	.72	.76	.74	.72	.76	.73	.72	.71
9.0	.76	.73	.71	.76	.73	.71	.75	.72	.71	.75	.72	.70	.74	.72	.70	.69
10.0	.74	.71	.69	.74	.71	.69	.74	.71	.69	.73	.71	.69	.73	.70	.69	.68



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-1083A 24R  
DRIVER:PUP10T-1LMC-350 250mA  
30minutes warm-up

### WEC AND CCEC

Test:U:119.86V I:0.1199A P:13.607W PF:0.9432 Freq:59.98Hz Lamp Flux:873.09x1 lm		
NAME: 2118.583-LEA-01	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2207180578
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	.114	.065	.020	.108	.061	.020	.097	.056	.018	.087	.050	.016	.078	.045	.015	
2.0	.104	.057	.018	.100	.055	.017	.091	.051	.016	.083	.046	.015	.075	.042	.013	
3.0	.097	.052	.015	.093	.050	.015	.086	.046	.014	.079	.043	.013	.072	.040	.012	
4.0	.090	.047	.014	.087	.046	.013	.081	.043	.013	.075	.040	.012	.070	.038	.012	
5.0	.085	.043	.013	.082	.042	.012	.077	.040	.012	.072	.038	.011	.067	.036	.011	
6.0	.080	.040	.011	.078	.039	.011	.073	.038	.011	.069	.036	.011	.065	.034	.010	
7.0	.076	.038	.011	.074	.037	.010	.070	.035	.010	.066	.034	.010	.063	.033	.010	
8.0	.072	.035	.010	.070	.035	.010	.067	.034	.010	.064	.032	.009	.061	.031	.009	
9.0	.069	.033	.009	.067	.033	.009	.064	.032	.009	.062	.031	.009	.059	.030	.009	
10.0	.066	.032	.009	.065	.031	.009	.062	.030	.009	.060	.030	.008	.057	.029	.008	

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	.167	.167	.167	.143	.143	.143	.097	.097	.097	.056	.056	.056	.018	.018	.018	
1.0	.147	.138	.130	.126	.119	.112	.086	.082	.078	.050	.047	.045	.016	.015	.015	
2.0	.131	.116	.104	.112	.100	.090	.077	.069	.063	.044	.040	.037	.014	.013	.012	
3.0	.117	.099	.085	.101	.086	.074	.069	.059	.052	.040	.035	.030	.013	.011	.010	
4.0	.106	.086	.070	.091	.074	.061	.063	.052	.043	.036	.030	.025	.012	.010	.008	
5.0	.096	.075	.059	.083	.065	.051	.057	.045	.036	.033	.027	.021	.011	.009	.007	
6.0	.088	.066	.050	.076	.057	.043	.052	.040	.031	.030	.023	.018	.010	.008	.006	
7.0	.082	.059	.043	.070	.051	.037	.048	.036	.026	.028	.021	.016	.009	.007	.005	
8.0	.076	.053	.037	.065	.046	.032	.045	.032	.023	.026	.019	.014	.008	.006	.004	
9.0	.071	.048	.032	.061	.041	.028	.042	.029	.020	.025	.017	.012	.008	.006	.004	
10.0	.066	.043	.028	.057	.038	.024	.040	.026	.017	.023	.016	.010	.007	.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  
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-1083A 24R  
DRIVER:PUP10T-1LMC-350 250mA  
30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:119.86V I:0.1199A P:13.607W PF:0.9432 Freq:59.98Hz Lamp Flux:873.09x1 lm										
NAME: 2118.583-LEA-01					TYPE:			WEIGHT:		
SPEC.:3000K					DIM.:			SERIAL No.:2207180578		
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	5.1	5.7	5.3	5.8	6.0	5.7	6.3	5.9	6.4	6.6
3H	5.0	5.5	5.2	5.7	5.9	5.6	6.1	5.8	6.3	6.5
4H	4.9	5.4	5.1	5.6	5.8	5.5	6.0	5.7	6.2	6.4
6H	4.8	5.3	5.1	5.5	5.8	5.4	5.9	5.7	6.1	6.4
8H	4.8	5.3	5.1	5.5	5.7	5.4	5.8	5.6	6.1	6.3
12H	4.7	5.2	5.0	5.4	5.7	5.3	5.8	5.6	6.0	6.3
4H 2H	4.9	5.4	5.2	5.6	5.9	5.5	6.0	5.7	6.2	6.4
3H	4.8	5.2	5.1	5.5	5.8	5.3	5.8	5.6	6.1	6.3
4H	4.7	5.1	5.0	5.4	5.7	5.3	5.7	5.6	6.0	6.3
6H	4.6	5.0	4.9	5.3	5.6	5.2	5.5	5.5	5.9	6.2
8H	4.5	4.9	4.9	5.2	5.6	5.1	5.5	5.5	5.8	6.2
12H	4.5	4.8	4.9	5.2	5.5	5.0	5.4	5.4	5.7	6.1
8H 4H	4.5	4.9	4.9	5.2	5.6	5.1	5.5	5.5	5.8	6.2
6H	4.4	4.7	4.8	5.1	5.5	5.0	5.3	5.4	5.7	6.1
8H	4.3	4.6	4.8	5.0	5.5	4.9	5.2	5.4	5.6	6.0
12H	4.3	4.5	4.7	4.9	5.4	4.9	5.1	5.3	5.5	6.0
12H 4H	4.5	4.8	4.9	5.2	5.5	5.0	5.4	5.4	5.7	6.1
6H	4.3	4.6	4.8	5.0	5.5	4.9	5.2	5.4	5.6	6.0
8H	4.3	4.5	4.7	4.9	5.4	4.9	5.1	5.3	5.5	6.0
Variations with the observer position at spacings:										
S = 1.0H	+ 2.9 / - 7.7					+ 3.3 / - 7.6				
1.5H	+ 4.4 / - 5.5					+ 4.9 / - 5.8				
2.0H	+ 4.9 / - 7.8					+ 5.2 / - 7.9				

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-1083A 24R  
DRIVER:PUP10T-1LMC-350 250mA  
30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:119.86V I:0.1199A P:13.607W PF:0.9432 Freq:59.98Hz Lamp Flux:873.09x1 lm		
NAME: 2118.583-LEA-01	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2207180578
MFR.: RISE	SUR.:0.001256m2	Shielding Angle:

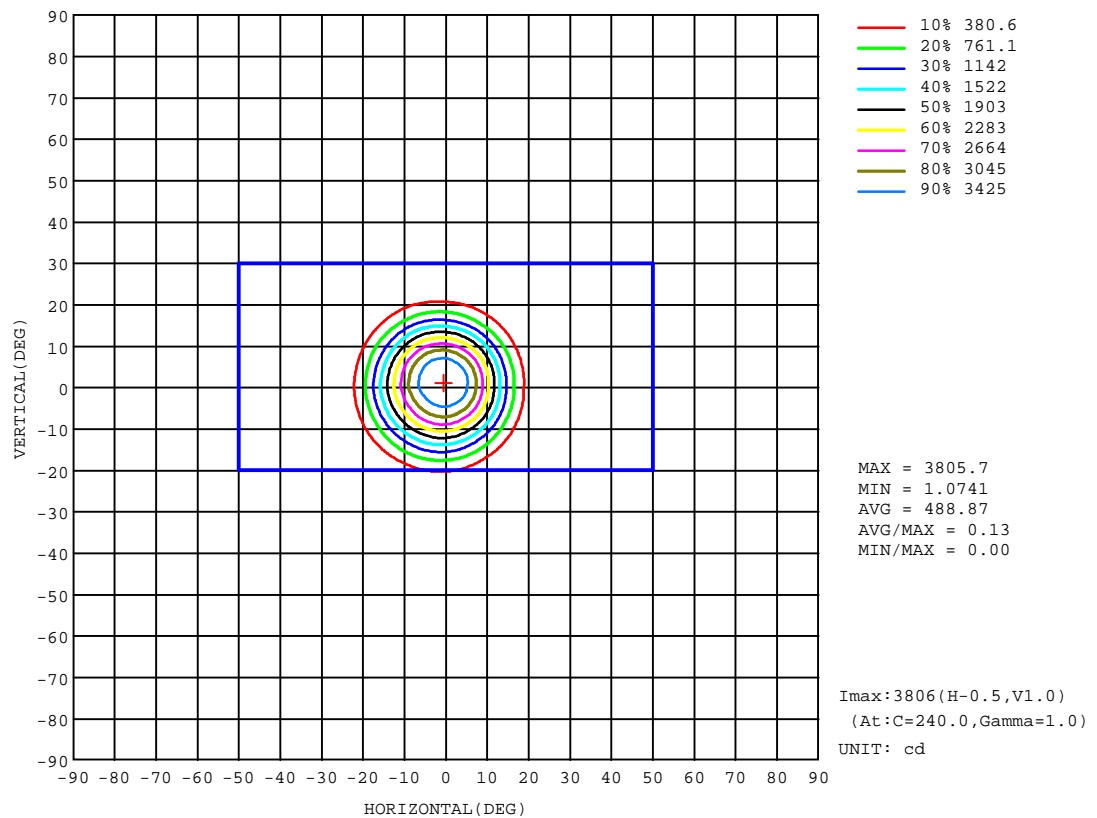
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	80	75	72	79	75	72	79	74	72	69
0.80	86	81	78	85	81	78	84	81	78	75
1.00	89	85	82	88	84	82	87	84	81	78
1.25	92	88	86	91	88	85	90	87	85	81
1.50	94	91	88	93	90	88	91	89	87	83
2.00	96	93	91	95	92	90	93	90	89	84
2.50	98	95	92	96	94	91	94	91	90	85
3.00	99	96	94	97	95	93	94	93	91	86
4.00	100	98	97	99	97	95	96	94	93	87
5.00	101	100	98	100	98	97	96	95	94	88
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-1083A 24R  
 DRIVER:PUP10T-1LMC-350 250mA  
 30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:119.86V I:0.1199A P:13.607W PF:0.9432 Freq:59.98Hz Lamp Flux:873.09x1 lm		
NAME: 2118.583-LEA-01	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2207180578
MFR.: RISE	SUR.:0.001256m2	Shielding Angle:

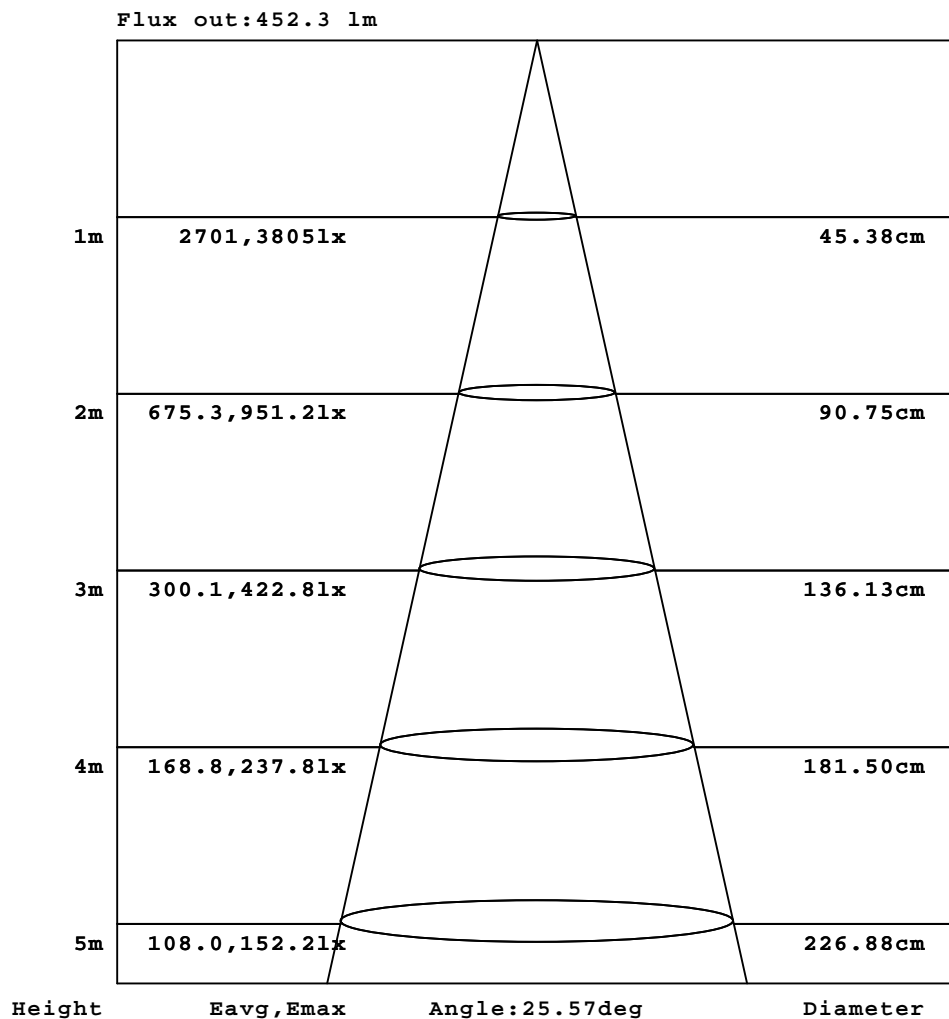


C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Zoe  
 Test Date:2022-7-18

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-1083A 24R  
 DRIVER:PUP10T-1LMC-350 250mA  
 30minutes warm-up

### AAI Figure

Test:U:119.86V I:0.1199A P:13.607W PF:0.9432 Freq:59.98Hz Lamp Flux:873.09x1 lm		
NAME: 2118.583-LEA-01	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2207180578
MFR.: RISE	SUR.:0.001256m2	Shielding Angle:



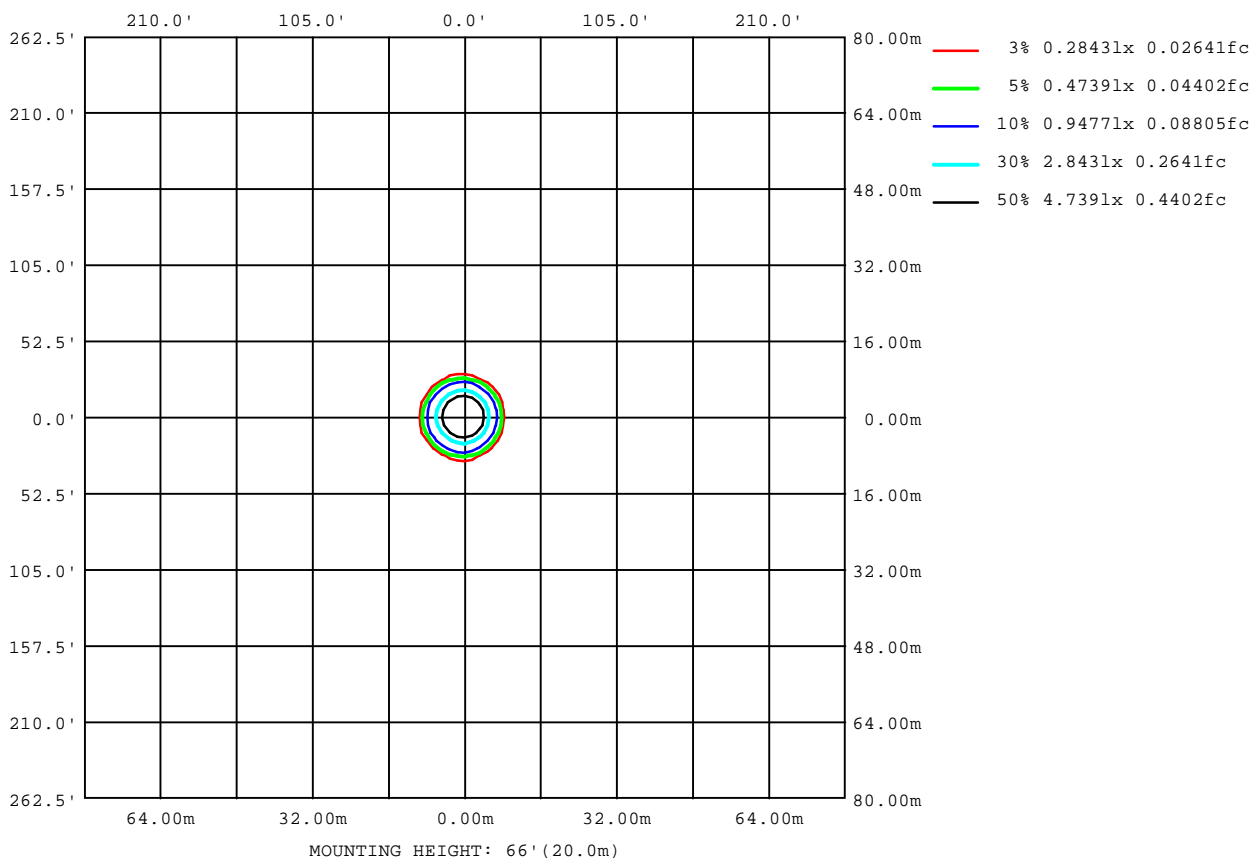
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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-1083A 24R  
DRIVER:PUP10T-1LMC-350 250mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:119.86V I:0.1199A P:13.607W PF:0.9432 Freq:59.98Hz Lamp Flux:873.09x1 lm		
NAME: 2118.583-LEA-01	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2207180578
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-1083A 24R  
DRIVER:PUP10T-1LMC-350 250mA  
30minutes warm-up

## LED Avg.L Report

Test:U:119.86V I:0.1199A P:13.607W PF:0.9432 Freq:59.98Hz Lamp Flux:873.09x1 lm		
NAME: 2118.583-LEA-01	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2207180578
MFR.: RISE	SUR.:0.001256m2	Shielding Angle:

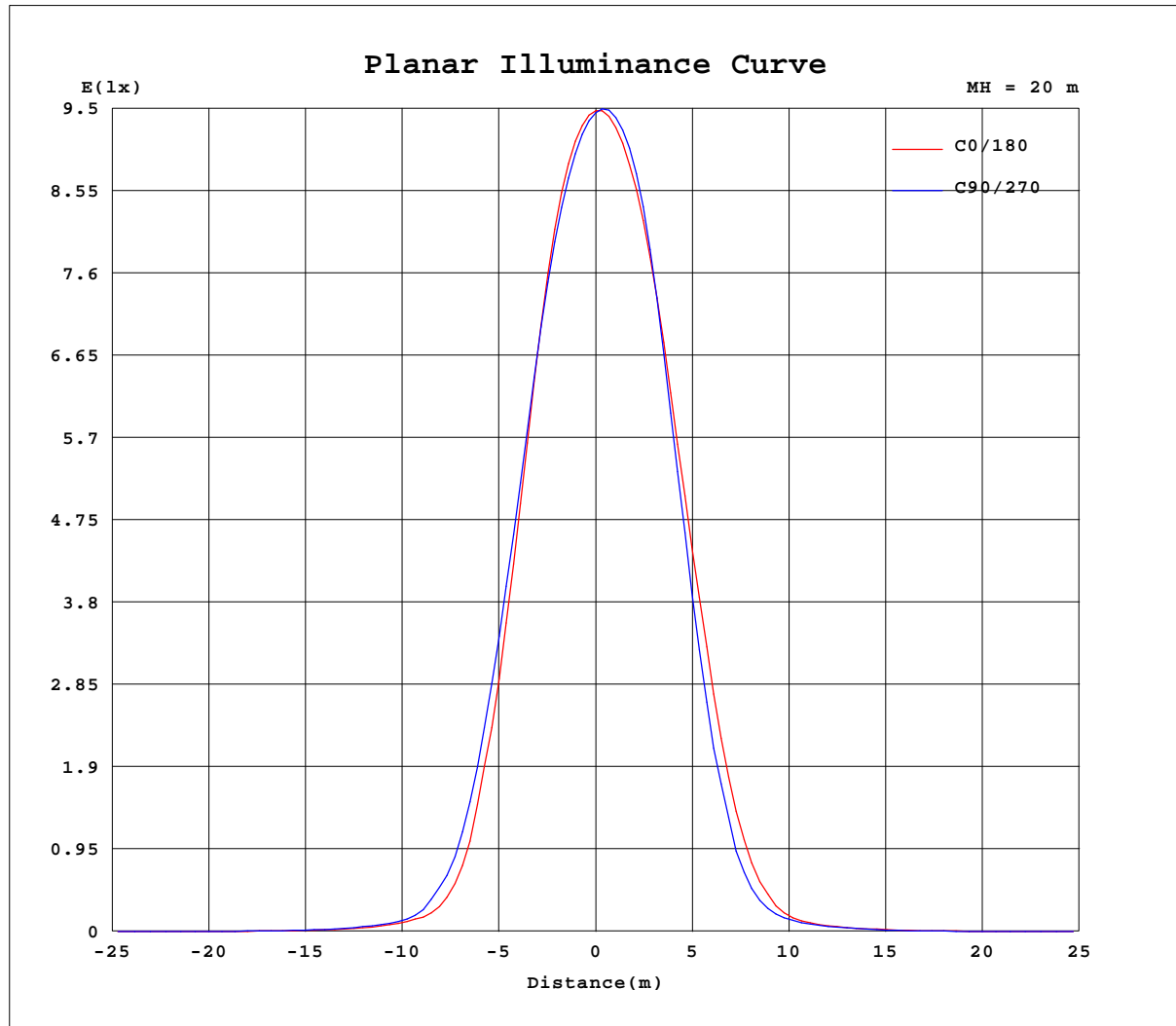
AvgL	cd/m2
L_0~180(65)av	521
L_0~180(75)av	229
L_0~180(85)av	184
L_90~270(65)av	522
L_90~270(75)av	230
L_90~270(85)av	186
L_45(65)av	514
L_45(75)av	206
L_45(85)av	78

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-1083A 24R  
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-1083A 24R  
 DRIVER: PUP10T-1LMC-350 250mA  
 30minutes warm-up

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.86V I:0.1199A P:13.607W PF:0.9432 Freq:59.98Hz Lamp Flux:873.09x1 lm		
NAME: 2118.583-LEA-01	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2207180578
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	3783	3783	3783	3783	3783	3783	3783	3783	3783	3783	3783	3783						
5	3444	3401	3364	3384	3423	3486	3575	3627	3676	3658	3606	3545						
10	2357	2336	2334	2424	2536	2666	2842	2905	2907	2793	2658	2518						
15	1044	1072	1132	1272	1390	1547	1709	1699	1641	1446	1300	1160						
20	267	290	326	419	481	579	668	664	571	451	380	315						
25	77.6	77.9	89.1	104	118	142	159	151	136	110	97.9	90.0						
30	34.7	36.0	37.8	42.3	46.1	51.2	51.0	50.7	50.0	46.0	42.7	38.8						
35	17.2	18.0	18.2	20.7	21.9	24.2	24.7	24.4	23.8	21.9	20.8	18.8						
40	8.80	8.79	9.26	9.94	10.7	11.6	12.1	11.8	11.4	10.6	10.0	9.52						
45	4.62	4.58	4.80	5.14	5.59	5.95	6.17	6.00	5.84	5.41	5.20	4.90						
50	2.61	2.64	2.69	2.76	2.99	3.14	3.18	3.07	3.03	2.83	2.68	2.64						
55	1.25	1.28	1.34	1.44	1.59	1.68	1.72	1.67	1.63	1.49	1.37	1.30						
60	0.59	0.61	0.65	0.68	0.73	0.78	0.81	0.78	0.76	0.70	0.64	0.61						
65	0.22	0.23	0.25	0.28	0.31	0.32	0.33	0.31	0.31	0.27	0.24	0.22						
70	0.12	0.12	0.13	0.15	0.16	0.16	0.17	0.16	0.15	0.13	0.12	0.11						
75	0.06	0.06	0.06	0.08	0.08	0.09	0.09	0.08	0.07	0.07	0.05	0.05						
80	0.03	0.02	0.03	0.04	0.04	0.04	0.05	0.04	0.03	0.03	0.02	0.02						
85	0.02	0.01	0.00	0.02	0.01	0.01	0.02	0.02	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  
Test Speed: HIGH  
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Test Date:2022-7-18

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30minutes warm-up