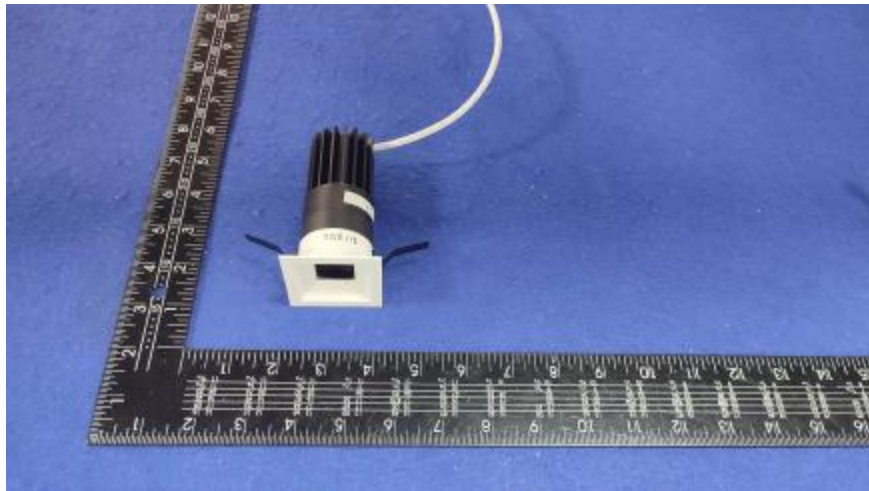


### Luminaire Photograph



Light Output Ratio:	52.3%	
Luminaire Power:	9.341 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	0.30	fine grid method.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: Zoe  
Test Date: 2022-11-4

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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: CMA1306-0000-000F0U0A30G Ra:90  
LENS: PM-1084 15R  
NO DRIVER: 500mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

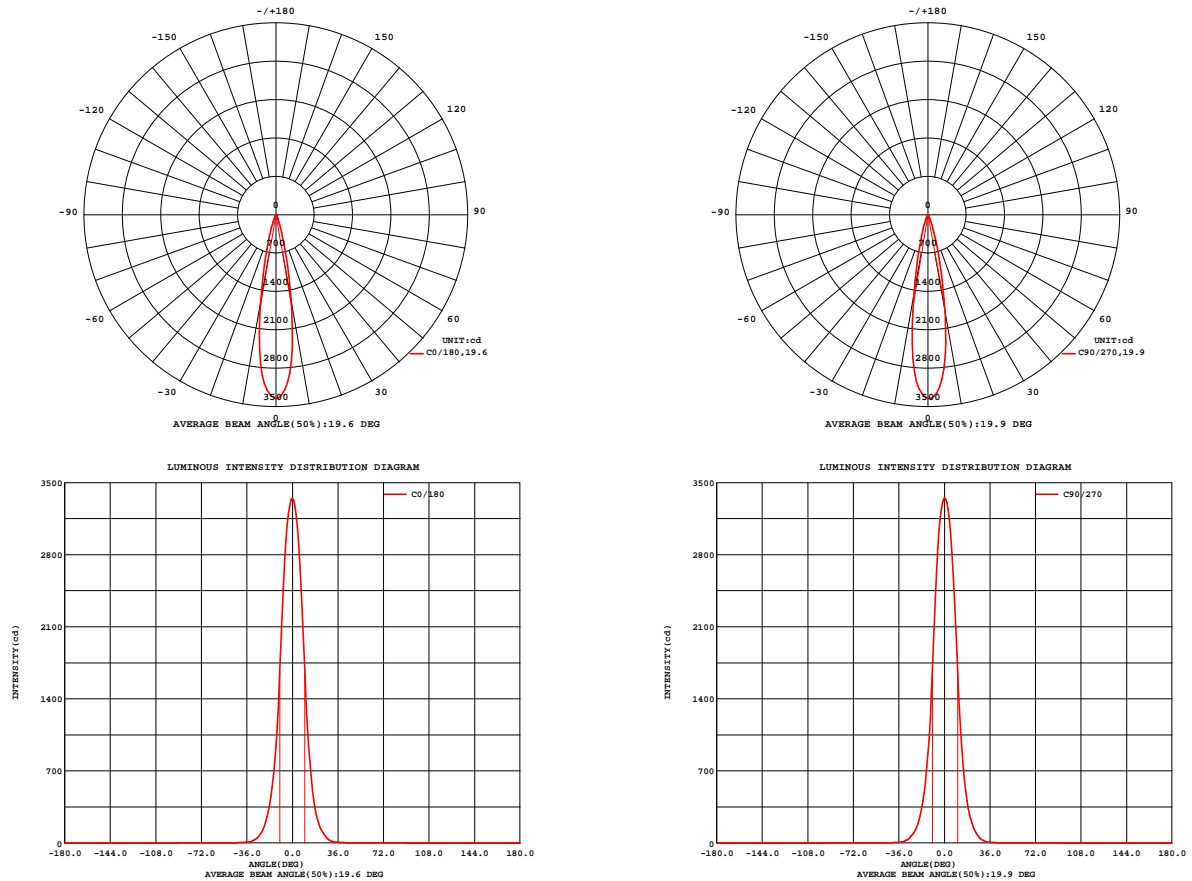


Fig. C0/C180

Fig. C90/C270

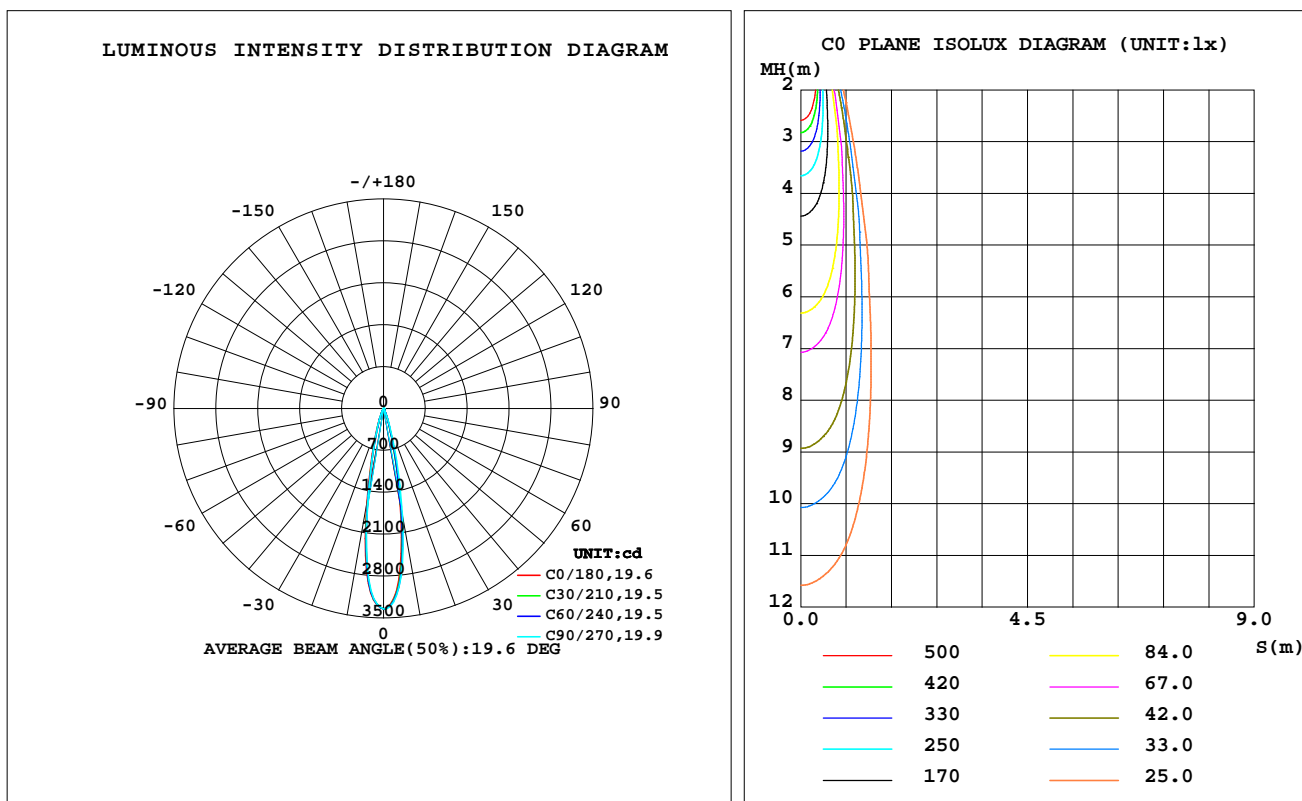
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: Zoe  
Test Date: 2022-11-4

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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: CMA1306-0000-000F0U0A30G Ra: 90  
LENS: PM-1084 15R  
NO DRIVER: 500mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:18.690V I:0.4998A P:9.3413W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.118-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211041118
MFR.: RISE	SUR.: 0.0016m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 51.45 lm/W			
MODEL	CREE	I <sub>max</sub> (cd)	3350	S/MH(C0/180)	0.33
NOMINAL POWER(W)	9	LOR(%)	52.3	S/MH(C90/270)	0.32
RATED VOLTAGE(V)	18	TOTAL FLUX(lm)	480.65	η UP,DN(C0-180)	0.0,27.0
NOMINAL FLUX(lm)	919.82	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,25.2
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	18	η down(%)	52.3	CIBSE SHR MAX	0.30



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Zoe  
Test Date:2022-11-4

γ Range: 0 - 180DEG  
γ 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:CMA1306-0000-000F0U0A30G Ra:90  
LENS: PM-1084 15R  
NO DRIVER:500mA  
30minutes warm-up

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	1623	1697	1822	1670	1622	1519	1485	1565	0- 10	235.8	235.8	49,25.6
20	224.9	244.8	272.3	254.7	256.2	227.9	221.8	226.0	10- 20	186.6	422.4	87.9,45.9
30	22.66	33.44	28.44	37.27	28.15	33.15	26.35	33.51	20- 30	46.92	469.3	97.6,51
40	3.833	4.004	3.998	4.409	4.364	3.811	3.509	3.791	30- 40	7.469	476.8	99.2,51.8
50	1.528	1.427	1.451	1.551	1.720	1.418	1.254	1.343	40- 50	1.805	478.6	99.6,52
60	0.9195	0.7985	0.7911	0.7885	0.9246	0.7693	0.7467	0.7702	50- 60	0.9589	479.5	99.8,52.1
70	0.6974	0.5818	0.5948	0.5562	0.7437	0.7310	0.9770	0.7126	60- 70	0.7224	480.3	99.9,52.2
80	0.0705	0.0715	0.0792	0.0664	0.0647	0.0534	0.0541	0.0550	70- 80	0.3646	480.6	100,52.3
90	0	0	0	0	0	0	0	0	80- 90	0.0285	480.6	100,52.3
100	0	0	0	0	0	0	0	0	90-100	0	480.6	100,52.3
110	0	0	0	0	0	0	0	0	100-110	0	480.6	100,52.3
120	0	0	0	0	0	0	0	0	110-120	0	480.6	100,52.3
130	0	0	0	0	0	0	0	0	120-130	0	480.6	100,52.3
140	0	0	0	0	0	0	0	0	130-140	0	480.6	100,52.3
150	0	0	0	0	0	0	0	0	140-150	0	480.6	100,52.3
160	0	0	0	0	0	0	0	0	150-160	0	480.6	100,52.3
170	0	0	0	0	0	0	0	0	160-170	0	480.6	100,52.3
180	0	0	0	0	0	0	0	0	170-180	0	480.6	100,52.3
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3 °C  
Operators:Zoe  
Test Date:2022-11-4

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:CMA1306-0000-000F0U0A30G Ra:90  
LENS: PM-1084 15R  
NO DRIVER:500mA  
30minutes warm-up

## LUMINANCE LIMITATION CURVES

Test:U:18.690V I:0.4998A P:9.3413W PF:1.0000 Freq:59.99Hz  
Lamp Flux:919.82x1 lm

NAME: 2218.118-LEA-09B

TYPE:

WEIGHT:

SPEC.: 3000K

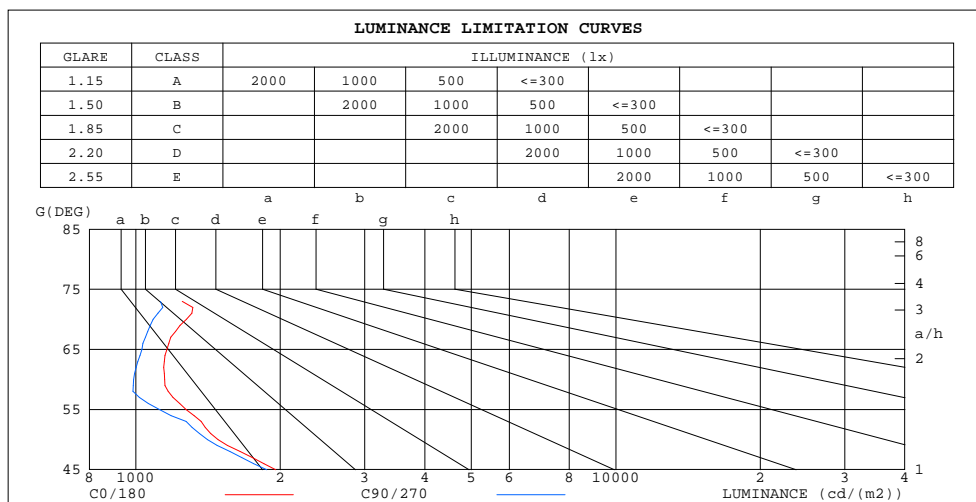
DIM.:

SERIAL No.: 2211041118

MFR.: RISE

SUR.: 0.0016m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	252	188
80	254	285
75	324	355
70	1274	1087
65	1161	1029
60	1149	989
55	1274	1120
50	1485	1411
45	1956	1875

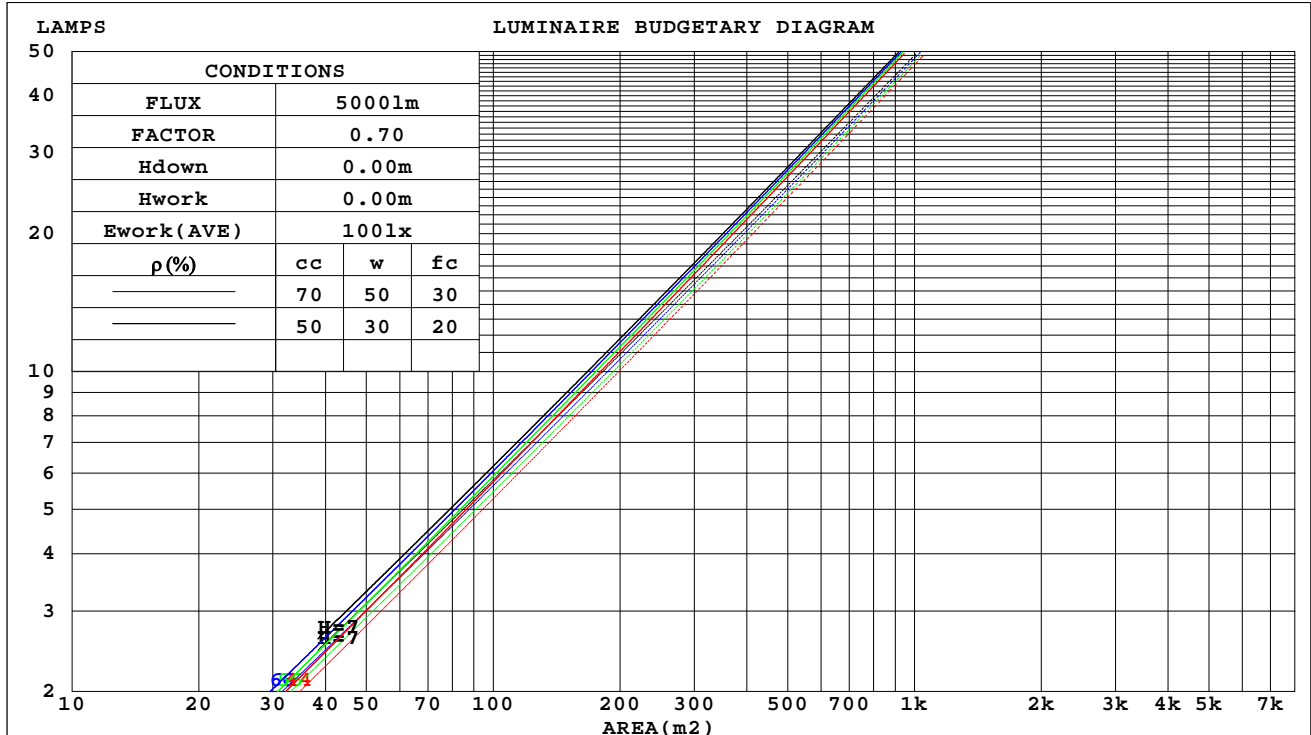
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Zoe  
Test Date:2022-11-4

γ Range: 0 - 180DEG  
γ 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:CMA1306-0000-000F0U0A30G Ra:90  
LENS: PM-1084 15R  
NO DRIVER:500mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:18.690V I:0.4998A P:9.3413W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.118-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211041118
MFR.: RISE	SUR.: 0.0016m2	Shielding Angle:

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			Coefficients of Utilization(CU)												
0.0	.62	.62	.62	.61	.61	.61	.58	.58	.58	.56	.56	.56	.53	.53	.53	.52
1.0	.59	.58	.58	.58	.57	.57	.56	.56	.55	.54	.54	.53	.52	.52	.52	.51
2.0	.57	.55	.54	.56	.55	.54	.54	.53	.53	.53	.52	.51	.52	.51	.50	.50
3.0	.55	.53	.52	.54	.53	.51	.53	.52	.51	.52	.51	.50	.51	.50	.49	.48
4.0	.53	.51	.50	.53	.51	.50	.52	.50	.49	.51	.49	.48	.50	.49	.48	.47
5.0	.51	.50	.48	.51	.49	.48	.50	.49	.48	.49	.48	.47	.49	.48	.47	.46
6.0	.50	.48	.47	.50	.48	.47	.49	.48	.46	.48	.47	.46	.48	.47	.46	.45
7.0	.49	.47	.46	.49	.47	.45	.48	.46	.45	.47	.46	.45	.47	.46	.45	.44
8.0	.48	.46	.45	.47	.46	.44	.47	.45	.44	.47	.45	.44	.46	.45	.44	.44
9.0	.47	.45	.44	.46	.45	.43	.46	.44	.43	.46	.44	.43	.45	.44	.43	.43
10.0	.46	.44	.43	.45	.44	.43	.45	.44	.43	.45	.43	.42	.45	.43	.42	.42



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Zoe  
Test Date:2022-11-4

γ Range: 0 - 180DEG  
γ 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:CMA1306-0000-000F0U0A30G Ra:90  
LENS: PM-1084 15R  
NO DRIVER:500mA  
30minutes warm-up

### WEC AND CCEC

Test:U:18.690V I:0.4998A P:9.3413W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.118-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211041118
MFR.: RISE	SUR.: 0.0016m2	Shielding Angle:

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	.066	.037	.012	.062	.035	.011	.056	.032	.010	.050	.029	.009	.044	.026	.008	
2.0	.060	.033	.010	.057	.032	.010	.052	.029	.009	.047	.026	.008	.043	.024	.008	
3.0	.055	.030	.009	.053	.028	.009	.049	.026	.008	.045	.024	.008	.041	.023	.007	
4.0	.052	.027	.008	.050	.026	.008	.046	.024	.007	.043	.023	.007	.039	.021	.007	
5.0	.048	.025	.007	.047	.024	.007	.043	.023	.007	.041	.021	.006	.038	.020	.006	
6.0	.045	.023	.007	.044	.022	.006	.041	.021	.006	.039	.020	.006	.037	.019	.006	
7.0	.043	.021	.006	.042	.021	.006	.039	.020	.006	.037	.019	.006	.035	.018	.005	
8.0	.041	.020	.006	.040	.019	.006	.038	.019	.005	.036	.018	.005	.034	.017	.005	
9.0	.039	.019	.005	.038	.018	.005	.036	.018	.005	.034	.017	.005	.033	.017	.005	
10.0	.037	.018	.005	.036	.017	.005	.035	.017	.005	.033	.016	.005	.032	.016	.005	

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	.100	.100	.100	.085	.085	.085	.058	.058	.058	.033	.033	.033	.011	.011	.011	
1.0	.088	.082	.078	.075	.071	.067	.051	.049	.046	.029	.028	.027	.009	.009	.009	
2.0	.078	.069	.062	.067	.060	.054	.046	.041	.038	.026	.024	.022	.008	.008	.007	
3.0	.069	.059	.051	.060	.051	.044	.041	.035	.031	.024	.021	.018	.008	.007	.006	
4.0	.063	.051	.042	.054	.044	.037	.037	.031	.026	.021	.018	.015	.007	.006	.005	
5.0	.057	.044	.035	.049	.038	.031	.034	.027	.022	.019	.016	.013	.006	.005	.004	
6.0	.052	.039	.030	.045	.034	.026	.031	.024	.018	.018	.014	.011	.006	.005	.004	
7.0	.048	.035	.026	.041	.030	.022	.028	.021	.016	.016	.012	.009	.005	.004	.003	
8.0	.044	.031	.022	.038	.027	.019	.026	.019	.014	.015	.011	.008	.005	.004	.003	
9.0	.041	.028	.019	.035	.024	.017	.025	.017	.012	.014	.010	.007	.005	.003	.002	
10.0	.038	.026	.017	.033	.022	.015	.023	.016	.011	.013	.009	.006	.004	.003	.002	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Zoe  
Test Date:2022-11-4

γ Range: 0 - 180DEG  
γ 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:CMA1306-0000-000F0U0A30G Ra:90  
LENS: PM-1084 15R  
NO DRIVER:500mA  
30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:18.690V I:0.4998A P:9.3413W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm										
NAME: 2218.118-LEA-09B					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2211041118		
MFR.: RISE					SUR.: 0.0016m2			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	2.1	2.7	2.3	2.8	2.9	2.6	3.2	2.8	3.4	3.5
3H	2.9	3.4	3.1	3.6	3.8	3.1	3.7	3.4	3.8	4.0
4H	3.1	3.6	3.4	3.8	4.0	3.3	3.8	3.5	4.0	4.2
6H	3.1	3.5	3.3	3.8	4.0	3.2	3.7	3.5	4.0	4.2
8H	3.0	3.5	3.3	3.7	4.0	3.2	3.7	3.5	3.9	4.2
12H	3.0	3.4	3.3	3.7	4.0	3.2	3.6	3.5	3.9	4.1
4H 2H	2.2	2.7	2.5	2.9	3.1	2.7	3.2	3.0	3.4	3.6
3H	3.2	3.7	3.5	3.9	4.2	3.4	3.8	3.7	4.1	4.4
4H	3.5	3.9	3.8	4.2	4.5	3.6	4.0	3.9	4.3	4.6
6H	3.4	3.8	3.8	4.1	4.5	3.5	3.9	3.9	4.2	4.6
8H	3.4	3.7	3.8	4.1	4.4	3.5	3.8	3.9	4.2	4.5
12H	3.4	3.7	3.8	4.0	4.4	3.4	3.8	3.8	4.1	4.5
8H 4H	3.5	3.8	3.9	4.2	4.5	3.6	3.9	3.9	4.3	4.6
6H	3.4	3.7	3.8	4.1	4.5	3.5	3.8	3.9	4.2	4.6
8H	3.4	3.6	3.8	4.0	4.5	3.5	3.7	3.9	4.1	4.6
12H	3.3	3.6	3.8	4.0	4.5	3.4	3.6	3.9	4.1	4.6
12H 4H	3.4	3.8	3.8	4.1	4.5	3.5	3.8	3.9	4.2	4.6
6H	3.4	3.6	3.8	4.0	4.5	3.5	3.7	3.9	4.1	4.6
8H	3.3	3.5	3.8	4.0	4.4	3.4	3.6	3.9	4.1	4.5
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.4 / - 1.4					+ 1.7 / - 1.7				
1.5H	+ 2.3 / - 0.9					+ 3.0 / - 1.1				
2.0H	+ 1.9 / - 1.3					+ 1.8 / - 1.3				

CIE Pub.117, 919.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.3)  
Area: 0.0016 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Zoe  
Test Date:2022-11-4

γ Range: 0 - 180DEG  
γ 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:CMA1306-0000-000F0U0A30G Ra:90  
LENS: PM-1084 15R  
NO DRIVER:500mA  
30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:18.690V I:0.4998A P:9.3413W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.118-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211041118
MFR.: RISE	SUR.: 0.0016m2	Shielding Angle:

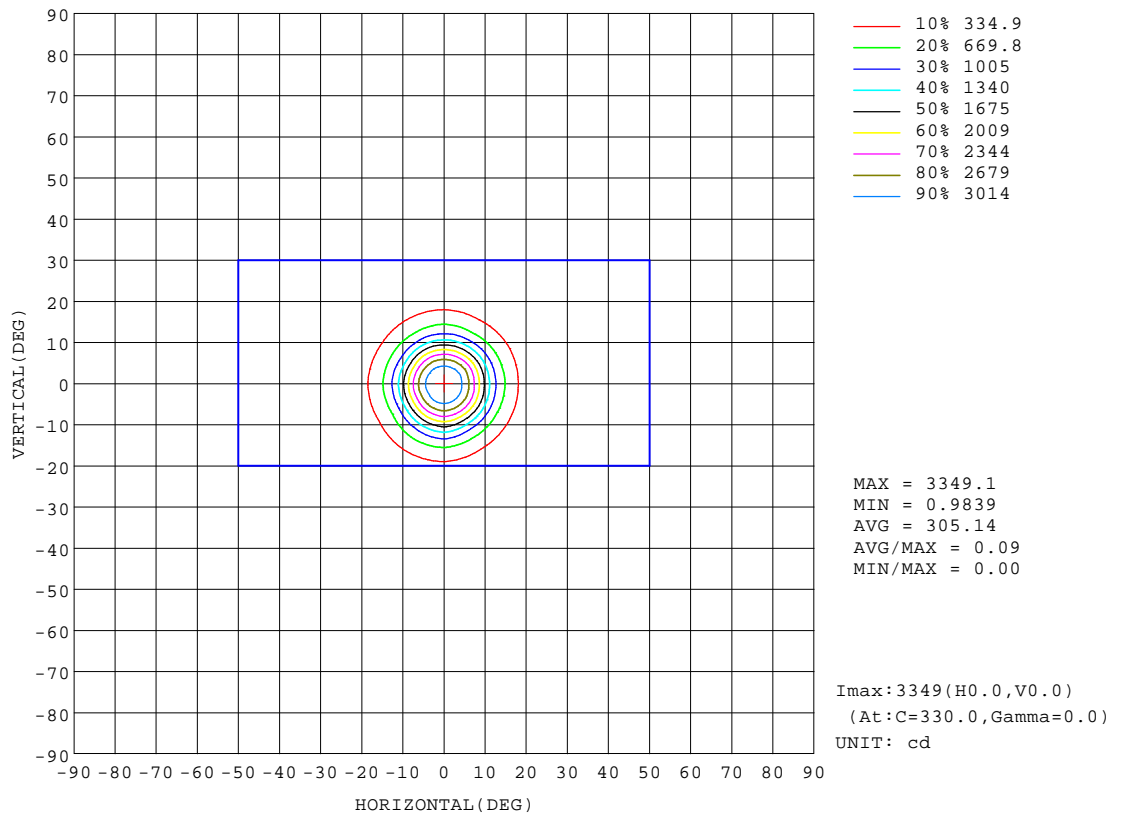
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	48	45	43	47	45	43	47	44	43	41
0.80	51	49	47	51	48	47	50	48	47	45
1.00	53	51	49	53	50	49	52	50	48	47
1.25	55	53	51	54	52	51	53	52	50	48
1.50	56	54	53	56	54	52	55	53	52	50
2.00	57	55	54	57	55	54	55	54	53	50
2.50	58	56	55	57	56	54	56	54	53	51
3.00	59	57	56	58	57	55	56	55	54	51
4.00	60	59	58	59	58	57	57	56	55	52
5.00	60	59	59	59	58	58	57	57	56	52
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:25.3℃  
Operators:Zoe  
Test Date:2022-11-4

γ Range: 0 - 180DEG  
γ 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:CMA1306-0000-000F0U0A30G Ra:90  
LENS: PM-1084 15R  
NO DRIVER:500mA  
30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:18.690V I:0.4998A P:9.3413W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.118-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211041118
MFR.: RISE	SUR.: 0.0016m2	Shielding Angle:

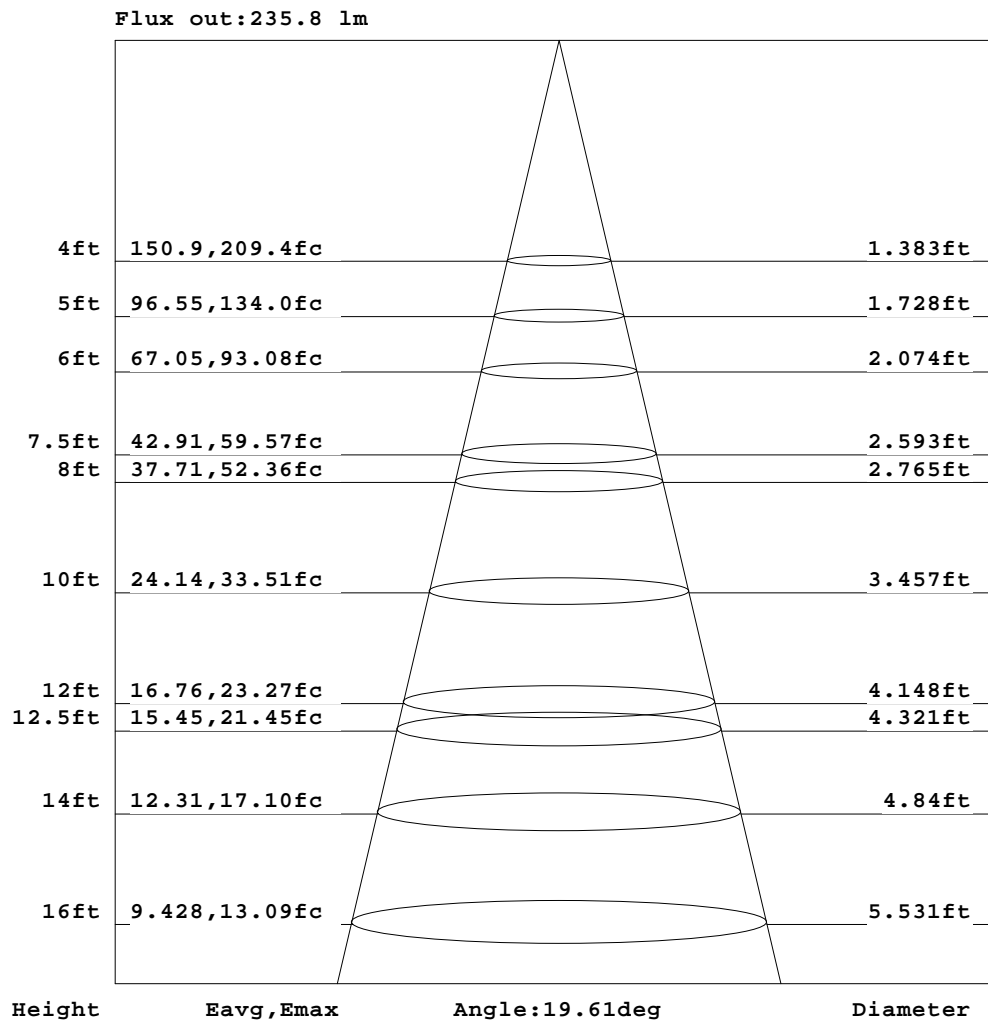


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Zoe  
Test Date:2022-11-4

γ Range: 0 - 180DEG  
γ 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:CMA1306-0000-000F0U0A30G Ra:90  
LENS: PM-1084 15R  
NO DRIVER:500mA  
30minutes warm-up

## AAI Figure

Test:U:18.690V I:0.4998A P:9.3413W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.118-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211041118
MFR.: RISE	SUR.: 0.0016m2	Shielding Angle:



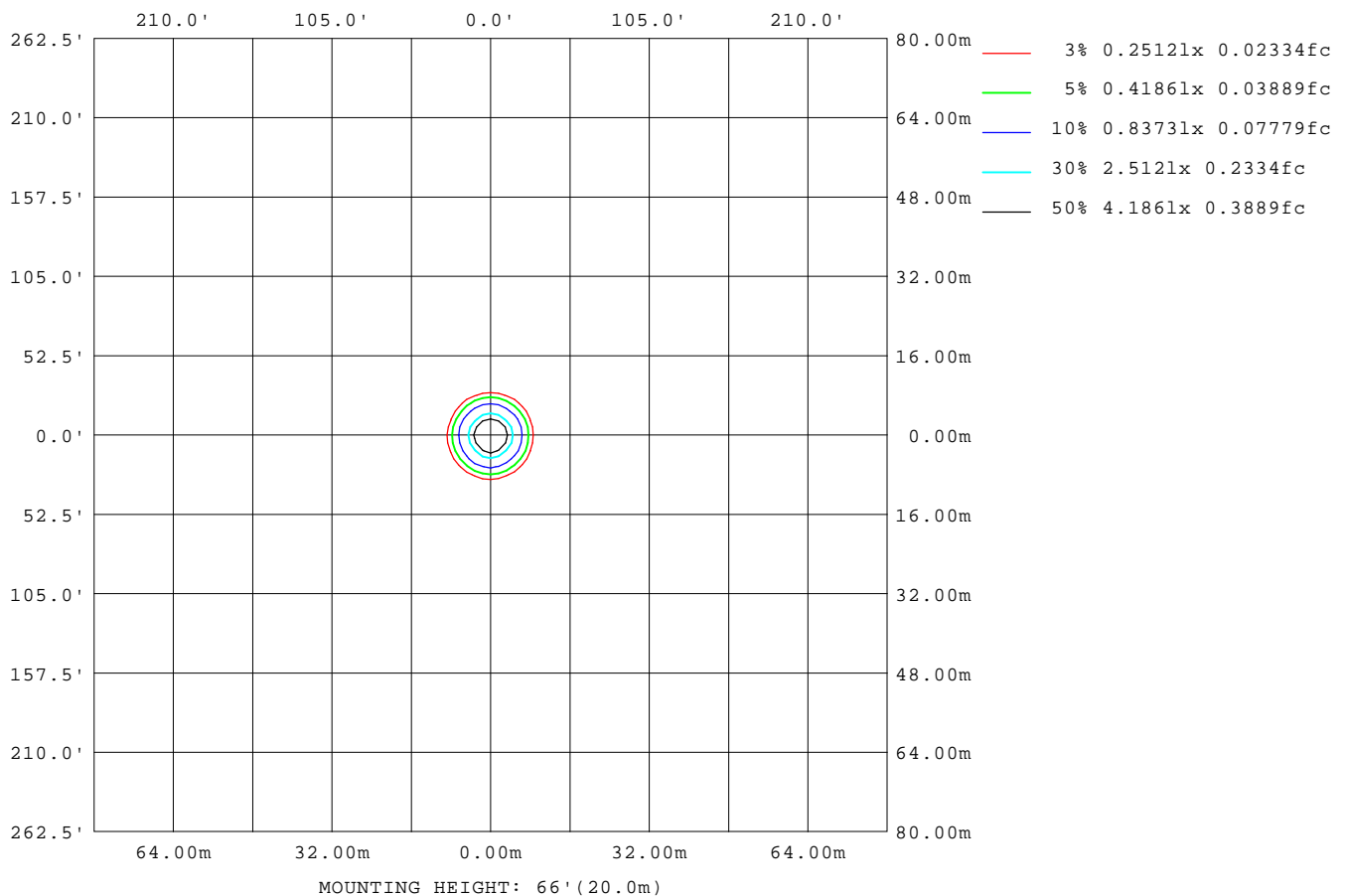
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Zoe  
Test Date:2022-11-4

γ Range: 0 - 180DEG  
γ 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:CMA1306-0000-000F0U0A30G Ra:90  
LENS: PM-1084 15R  
NO DRIVER:500mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:18.690V I:0.4998A P:9.3413W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.118-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211041118
MFR.: RISE	SUR.: 0.0016m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3 °C  
Operators:Zoe  
Test Date:2022-11-4

γ Range: 0 - 180DEG  
γ 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:CMA1306-0000-000F0U0A30G Ra:90  
LENS: PM-1084 15R  
NO DRIVER:500mA  
30minutes warm-up

## LED Avg.L Report

Test:U:18.690V I:0.4998A P:9.3413W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.118-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211041118
MFR.: RISE	SUR.: 0.0016m2	Shielding Angle:

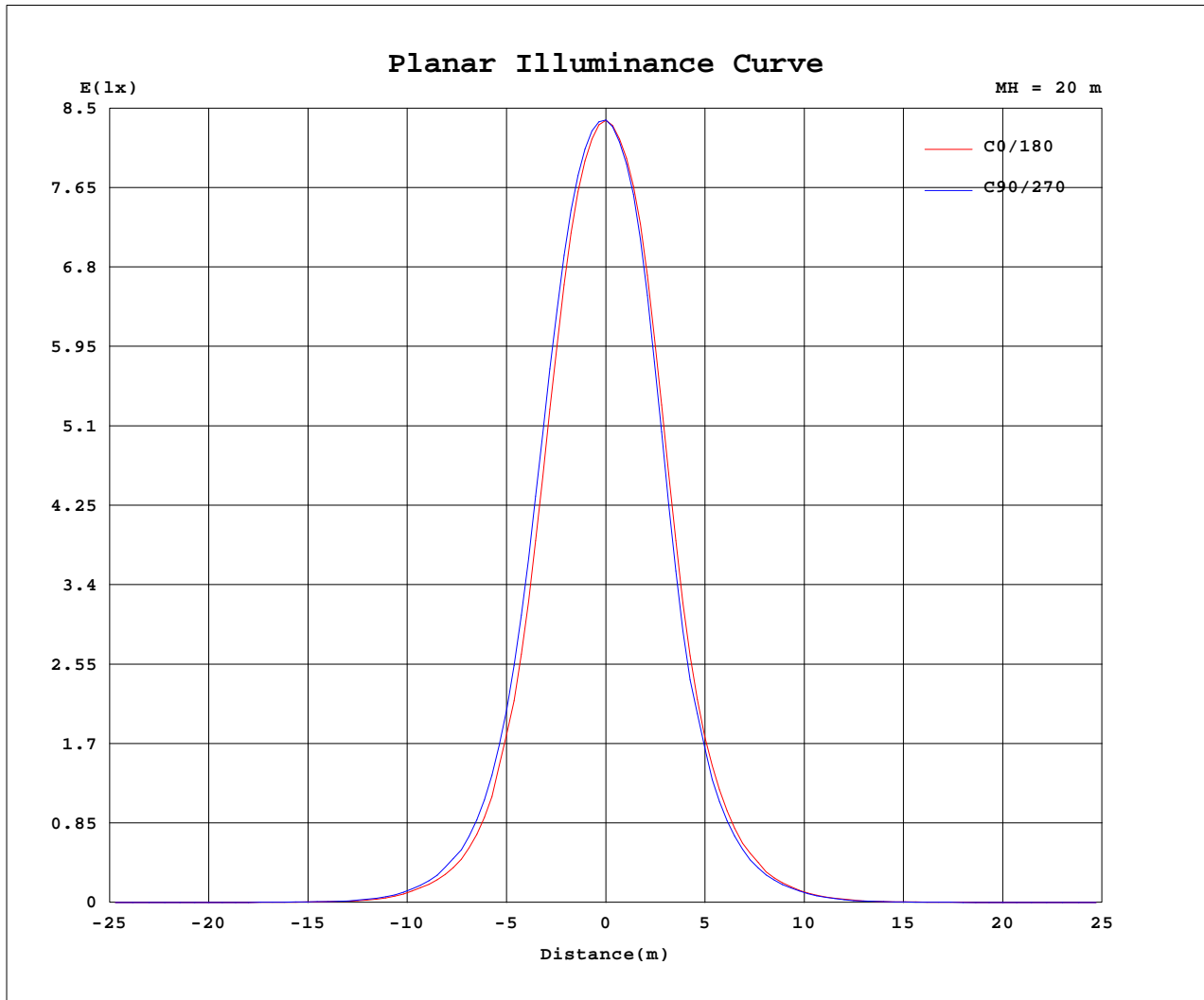
AvgL	cd/m2
L_0~180(65)av	1183
L_0~180(75)av	302
L_0~180(85)av	248
L_90~270(65)av	1056
L_90~270(75)av	306
L_90~270(85)av	174
L_45(65)av	1041
L_45(75)av	1081
L_45(85)av	132

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Zoe  
Test Date:2022-11-4

γ Range: 0 - 180DEG  
γ 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:CMA1306-0000-000F0U0A30G Ra:90  
LENS: PM-1084 15R  
NO DRIVER:500mA  
30minutes warm-up

## Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3 °C  
 Operators: Zoe  
 Test Date: 2022-11-4

γ Range: 0 - 180DEG  
 γ 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: CMA1306-0000-000F0U0A30G Ra:90  
 LENS: PM-1084 15R  
 NO DRIVER: 500mA  
 30minutes warm-up

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:18.690V I:0.4998A P:9.3413W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.118-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211041118
MFR.: RISE	SUR.: 0.0016m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	3350	3350	3350	3350	3350	3350	3350	3350	3350	3350	3350	3350						
5	2900	2955	2983	2998	2985	2929	2938	2892	2892	2872	2885	2924						
10	1623	1688	1707	1822	1720	1619	1622	1522	1516	1485	1528	1601						
15	652	630	659	748	713	606	651	578	571	584	558	604						
20	225	244	245	272	264	246	256	224	232	222	225	227						
25	85.9	96.2	102	101	104	103	91.0	88.3	88.9	84.9	90.8	90.7						
30	22.7	31.9	35.0	28.4	36.3	38.2	28.1	32.8	33.5	26.4	34.3	32.7						
35	8.11	8.45	9.75	9.21	10.3	11.6	8.22	10.1	10.5	8.10	10.5	9.33						
40	3.83	3.97	4.04	4.00	4.42	4.39	4.36	3.94	3.68	3.51	3.88	3.70						
45	2.21	2.15	2.19	2.12	2.28	2.40	2.59	2.22	1.98	1.94	1.99	1.99						
50	1.53	1.42	1.43	1.45	1.52	1.59	1.72	1.49	1.34	1.25	1.33	1.36						
55	1.17	1.04	1.04	1.03	1.08	1.09	1.24	1.05	0.97	0.93	0.94	1.00						
60	0.92	0.82	0.78	0.79	0.77	0.81	0.92	0.80	0.74	0.75	0.75	0.79						
65	0.79	0.72	0.67	0.70	0.66	0.71	0.81	0.75	0.71	0.73	0.72	0.72						
70	0.70	0.62	0.55	0.59	0.54	0.58	0.74	0.73	0.73	0.98	0.74	0.69						
75	0.13	0.37	0.35	0.15	0.31	0.30	0.12	0.39	0.56	0.11	0.55	0.47						
80	0.07	0.07	0.08	0.08	0.07	0.06	0.06	0.06	0.05	0.05	0.05	0.06						
85	0.04	0.02	0.02	0.03	0.02	0.02	0.03	0.02	0.02	0.02	0.01	0.02						
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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