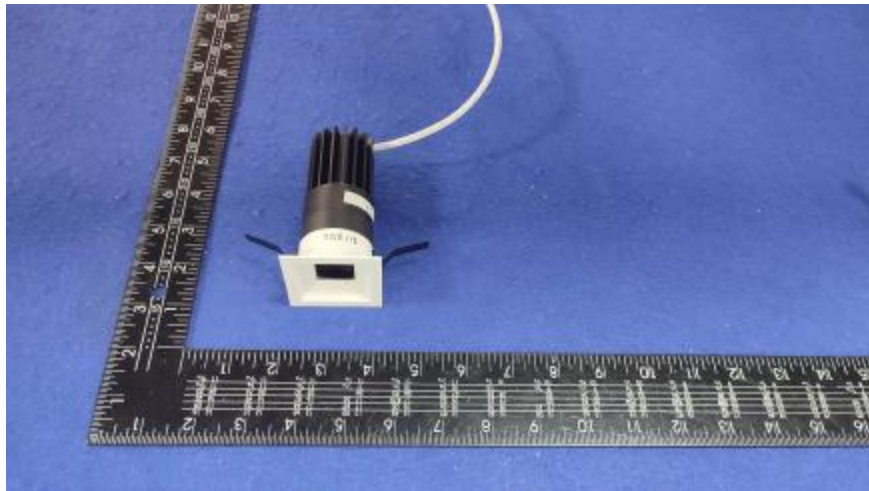


### Luminaire Photograph



Light Output Ratio:	63.0%	
Luminaire Power:	9.342 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-1084A 24R  
NO DRIVER: 500mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

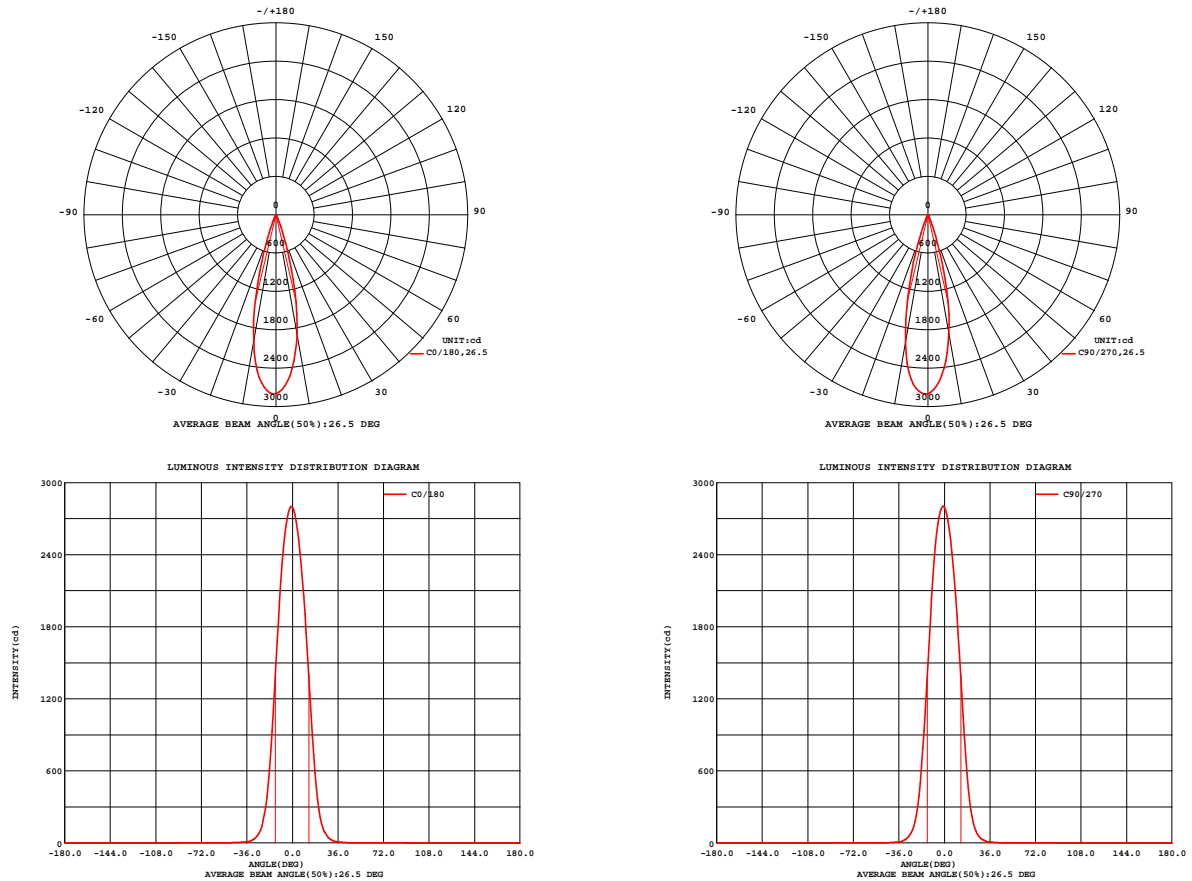


Fig. C0/C180

Fig. C90/C270

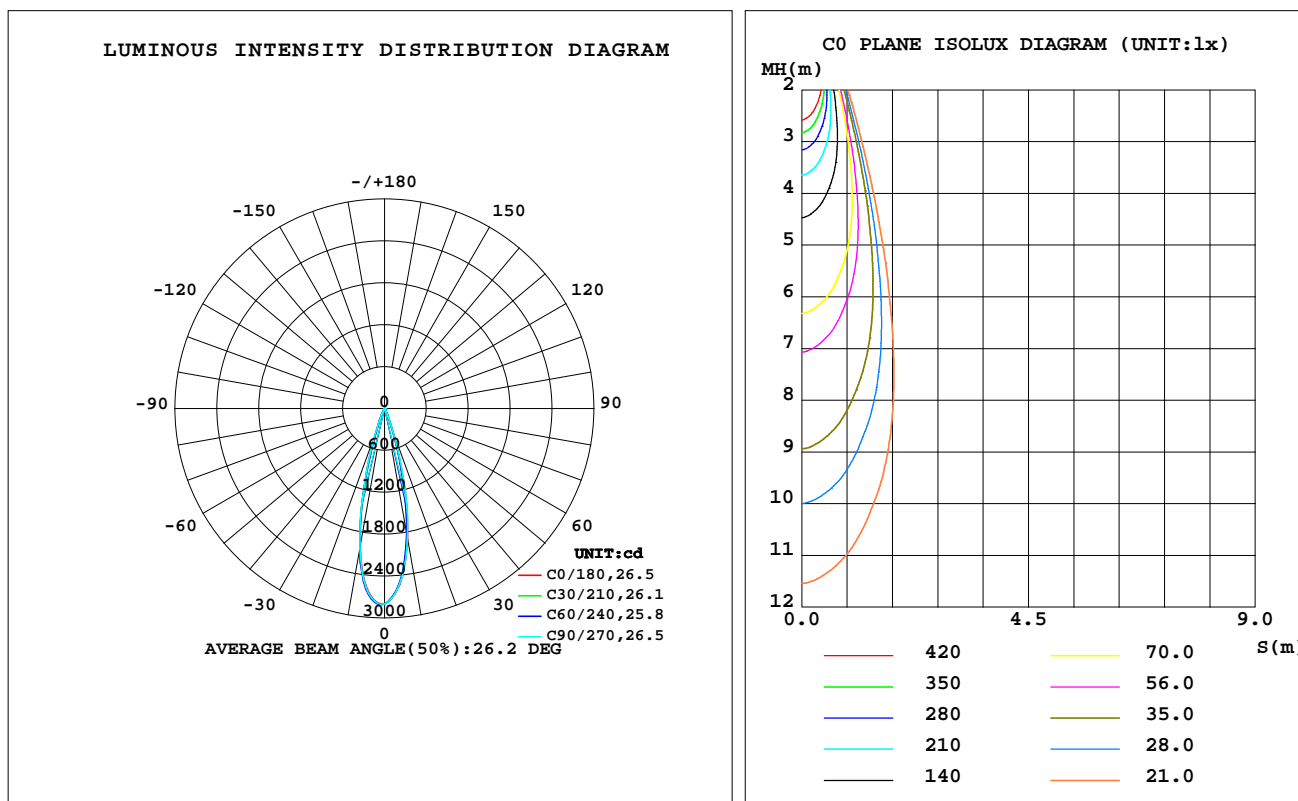
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: Zoe  
Test Date: 2022-11-4

$\gamma$  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-1084A 24R  
NO DRIVER: 500mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:18.691V I:0.4998A P:9.3420W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.118-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211041120
MFR.: RISE	SUR.: 0.0016m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 62.05 lm/W			
MODEL	CREE	I <sub>max</sub> (cd)	2807	S/MH(C0/180)	0.43
NOMINAL POWER(W)	9	LOR(%)	63.0	S/MH(C90/270)	0.43
RATED VOLTAGE(V)	18	TOTAL FLUX(lm)	579.65	η UP,DN(C0-180)	0.0,30.5
NOMINAL FLUX(lm)	919.82	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,32.5
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	18	η down(%)	63.0	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-1084A 24R  
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	1905	1849	1892	1896	2013	2034	2032	1954	0- 10	226.2	226.2	39,24.6
20	362.3	347.0	354.6	334.2	384.5	365.9	389.7	366.6	10- 20	282.8	509.0	87.8,55.3
30	30.49	32.08	28.91	32.98	34.34	37.85	34.61	35.75	20- 30	58.68	567.6	97.9,61.7
40	4.639	4.609	4.421	4.567	5.662	5.043	4.630	4.505	30- 40	8.512	576.1	99.4,62.6
50	1.224	1.234	1.101	1.304	1.425	1.418	1.174	1.166	40- 50	1.950	578.1	99.7,62.8
60	0.6467	0.5722	0.5747	0.5790	0.6764	0.5822	0.5319	0.5657	50- 60	0.7510	578.8	99.9,62.9
70	0.4694	0.3851	0.4120	0.3868	0.5228	0.5135	0.6665	0.5214	60- 70	0.5132	579.4	100,63
80	0.0516	0.0451	0.0515	0.0451	0.0507	0.0439	0.0454	0.0440	70- 80	0.2631	579.6	100,63
90	0	0	0	0	0	0	0	0	80- 90	0.0247	579.6	100,63
100	0	0	0	0	0	0	0	0	90-100	0	579.6	100,63
110	0	0	0	0	0	0	0	0	100-110	0	579.6	100,63
120	0	0	0	0	0	0	0	0	110-120	0	579.6	100,63
130	0	0	0	0	0	0	0	0	120-130	0	579.6	100,63
140	0	0	0	0	0	0	0	0	130-140	0	579.6	100,63
150	0	0	0	0	0	0	0	0	140-150	0	579.6	100,63
160	0	0	0	0	0	0	0	0	150-160	0	579.6	100,63
170	0	0	0	0	0	0	0	0	160-170	0	579.6	100,63
180	0	0	0	0	0	0	0	0	170-180	0	579.6	100,63
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-1084A 24R  
NO DRIVER:500mA  
30minutes warm-up

## LUMINANCE LIMITATION CURVES

Test:U:18.691V I:0.4998A P:9.3420W PF:1.0000 Freq:59.99Hz  
Lamp Flux:919.82x1 lm

NAME: 2218.118-LEA-09B

TYPE:

WEIGHT:

SPEC.: 3000K

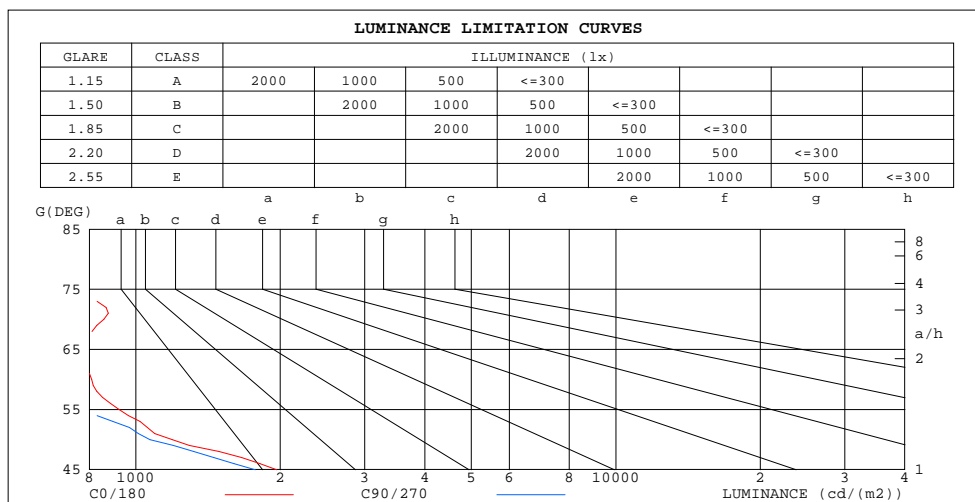
DIM.:

SERIAL No.: 2211041120

MFR.: RISE

SUR.: 0.0016m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	203	173
80	186	185
75	218	227
70	858	753
65	784	727
60	809	718
55	924	786
50	1191	1071
45	1966	1774

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-1084A 24R  
NO DRIVER:500mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:18.691V I:0.4998A P:9.3420W PF:1.0000 Freq:59.99Hz  
Lamp Flux:919.82x1 lm

NAME: 2218.118-LEA-09B

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

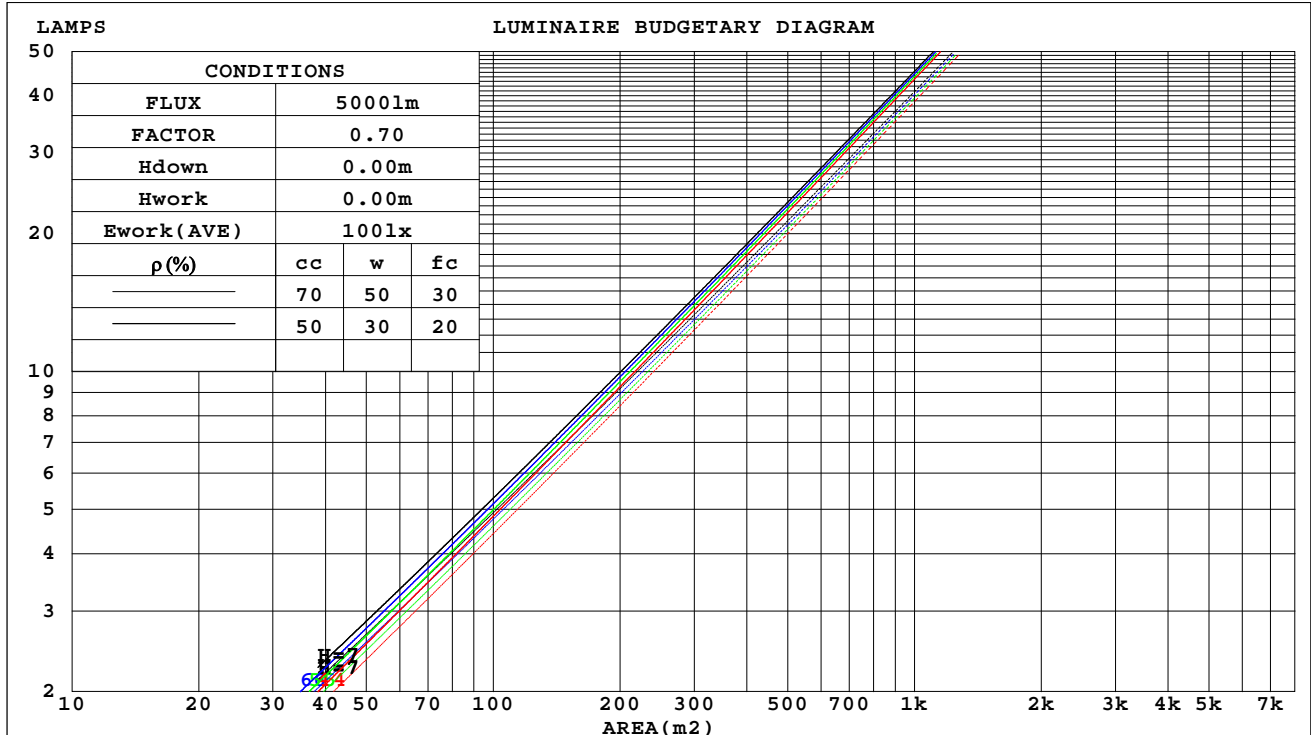
SERIAL No.: 2211041120

MFR.: RISE

SUR.: 0.0016m2

Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Coefficients of Utilization(CU)															
0.0	.75	.75	.75	.73	.73	.73	.70	.70	.70	.67	.67	.67	.64	.64	.64	.63
1.0	.71	.70	.69	.70	.69	.68	.68	.67	.66	.65	.65	.64	.63	.63	.62	.61
2.0	.68	.67	.65	.67	.66	.64	.65	.64	.63	.64	.62	.62	.62	.61	.60	.59
3.0	.66	.64	.62	.65	.63	.61	.63	.62	.60	.62	.61	.59	.61	.59	.59	.58
4.0	.63	.61	.59	.63	.61	.59	.61	.60	.58	.60	.59	.58	.59	.58	.57	.56
5.0	.61	.59	.57	.61	.58	.57	.60	.58	.56	.59	.57	.56	.58	.57	.55	.55
6.0	.59	.57	.55	.59	.57	.55	.58	.56	.55	.57	.56	.54	.57	.55	.54	.53
7.0	.58	.55	.54	.57	.55	.53	.57	.55	.53	.56	.54	.53	.55	.54	.53	.52
8.0	.56	.54	.52	.56	.54	.52	.55	.53	.52	.55	.53	.52	.54	.53	.51	.51
9.0	.55	.52	.51	.54	.52	.51	.54	.52	.51	.54	.52	.50	.53	.51	.50	.50
10.0	.53	.51	.49	.53	.51	.49	.53	.51	.49	.52	.50	.49	.52	.50	.49	.49



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
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-1084A 24R  
NO DRIVER:500mA  
30minutes warm-up

## WEC AND CCEC

Test:U:18.691V I:0.4998A P:9.3420W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.118-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211041120
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	.082	.047	.015	.078	.044	.014	.070	.040	.013	.063	.036	.012	.056	.033	.011	
2.0	.076	.041	.013	.072	.040	.012	.066	.037	.011	.060	.034	.011	.054	.031	.010	
3.0	.070	.037	.011	.067	.036	.011	.062	.034	.010	.057	.031	.010	.052	.029	.009	
4.0	.065	.034	.010	.063	.033	.010	.059	.031	.009	.054	.029	.009	.051	.027	.008	
5.0	.061	.031	.009	.059	.030	.009	.056	.029	.009	.052	.027	.008	.049	.026	.008	
6.0	.058	.029	.008	.056	.028	.008	.053	.027	.008	.050	.026	.008	.047	.025	.007	
7.0	.055	.027	.008	.053	.027	.008	.051	.026	.007	.048	.025	.007	.046	.024	.007	
8.0	.052	.026	.007	.051	.025	.007	.049	.024	.007	.046	.023	.007	.044	.023	.007	
9.0	.050	.024	.007	.049	.024	.007	.047	.023	.007	.045	.022	.006	.043	.022	.006	
10.0	.048	.023	.006	.047	.023	.006	.045	.022	.006	.043	.021	.006	.041	.021	.006	

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	.120	.120	.120	.103	.103	.103	.070	.070	.070	.040	.040	.040	.013	.013	.013	
1.0	.106	.099	.094	.091	.085	.081	.062	.059	.056	.036	.034	.032	.011	.011	.010	
2.0	.094	.084	.075	.081	.072	.065	.055	.050	.045	.032	.029	.026	.010	.009	.009	
3.0	.084	.071	.061	.072	.062	.053	.050	.043	.037	.029	.025	.022	.009	.008	.007	
4.0	.076	.062	.050	.065	.053	.044	.045	.037	.031	.026	.022	.018	.008	.007	.006	
5.0	.069	.054	.042	.060	.047	.037	.041	.032	.026	.024	.019	.015	.008	.006	.005	
6.0	.064	.047	.036	.055	.041	.031	.038	.029	.022	.022	.017	.013	.007	.006	.004	
7.0	.059	.042	.031	.051	.037	.027	.035	.026	.019	.020	.015	.011	.007	.005	.004	
8.0	.055	.038	.026	.047	.033	.023	.033	.023	.016	.019	.014	.010	.006	.004	.003	
9.0	.051	.034	.023	.044	.030	.020	.030	.021	.014	.018	.012	.008	.006	.004	.003	
10.0	.048	.031	.020	.041	.027	.018	.029	.019	.012	.017	.011	.007	.005	.004	.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-1084A 24R  
NO DRIVER:500mA  
30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:18.691V I:0.4998A P:9.3420W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm										
NAME: 2218.118-LEA-09B					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2211041120		
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	2.5	3.1	2.6	3.2	3.3	2.1	2.7	2.3	2.9	3.0
3H	2.6	3.2	2.9	3.4	3.6	2.3	2.9	2.5	3.0	3.2
4H	2.7	3.2	2.9	3.4	3.6	2.3	2.8	2.5	3.0	3.2
6H	2.6	3.1	2.9	3.4	3.6	2.2	2.7	2.5	2.9	3.2
8H	2.6	3.1	2.9	3.3	3.6	2.2	2.6	2.4	2.9	3.1
12H	2.5	3.0	2.8	3.3	3.5	2.1	2.6	2.4	2.8	3.1
4H 2H	2.4	2.9	2.6	3.1	3.3	2.0	2.6	2.3	2.8	3.0
3H	2.7	3.1	3.0	3.4	3.6	2.3	2.8	2.6	3.0	3.3
4H	2.7	3.1	3.0	3.4	3.7	2.3	2.7	2.6	3.0	3.3
6H	2.6	3.0	3.0	3.3	3.7	2.2	2.6	2.5	2.9	3.2
8H	2.6	2.9	2.9	3.3	3.6	2.1	2.5	2.5	2.8	3.2
12H	2.5	2.8	2.9	3.2	3.6	2.1	2.4	2.5	2.8	3.2
8H 4H	2.6	2.9	3.0	3.3	3.7	2.2	2.5	2.6	2.9	3.2
6H	2.5	2.8	2.9	3.2	3.6	2.1	2.4	2.5	2.8	3.2
8H	2.4	2.7	2.9	3.1	3.6	2.0	2.3	2.5	2.7	3.2
12H	2.4	2.6	2.9	3.1	3.5	2.0	2.2	2.4	2.7	3.1
12H 4H	2.5	2.9	2.9	3.2	3.6	2.1	2.4	2.5	2.8	3.2
6H	2.4	2.7	2.9	3.1	3.6	2.0	2.3	2.5	2.7	3.1
8H	2.4	2.6	2.8	3.1	3.5	2.0	2.2	2.4	2.6	3.1
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.7 / - 3.3					+ 2.5 / - 3.4				
1.5H	+ 4.4 / - 2.7					+ 4.1 / - 2.6				
2.0H	+ 3.0 / - 1.8					+ 3.1 / - 1.5				

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-1084A 24R  
NO DRIVER:500mA  
30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:18.691V I:0.4998A P:9.3420W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.118-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211041120
MFR.: RISE	SUR.: 0.0016m2	Shielding Angle:

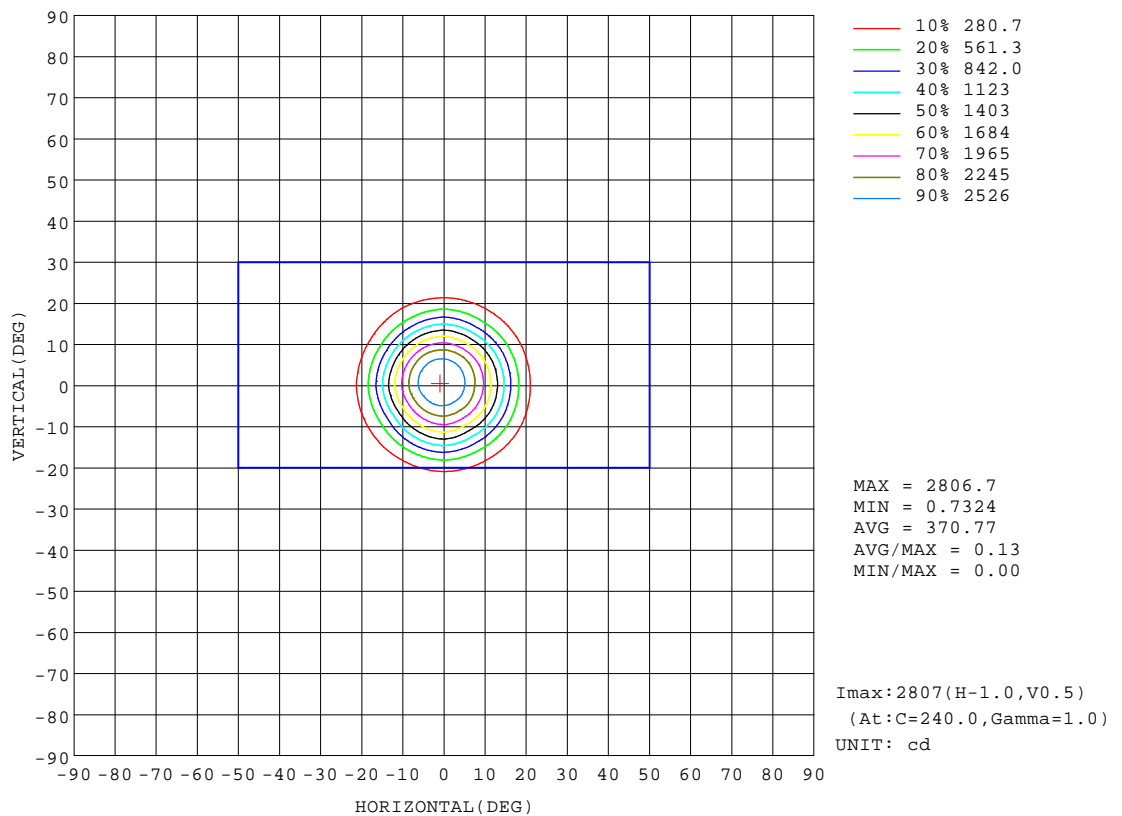
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	54	52	57	54	52	57	54	52	50
0.80	62	59	57	61	58	56	61	58	56	54
1.00	64	61	59	64	61	59	63	61	59	56
1.25	66	63	62	66	63	61	65	62	61	58
1.50	68	65	63	67	65	63	66	64	62	60
2.00	69	67	65	68	66	65	67	65	64	61
2.50	70	68	66	69	67	66	67	66	65	61
3.00	71	69	68	70	68	67	68	67	65	62
4.00	72	71	69	71	70	69	69	68	67	62
5.00	73	72	71	72	71	70	69	68	68	63
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-1084A 24R  
NO DRIVER:500mA  
30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:18.691V I:0.4998A P:9.3420W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.118-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211041120
MFR.: RISE	SUR.: 0.0016m2	Shielding Angle:

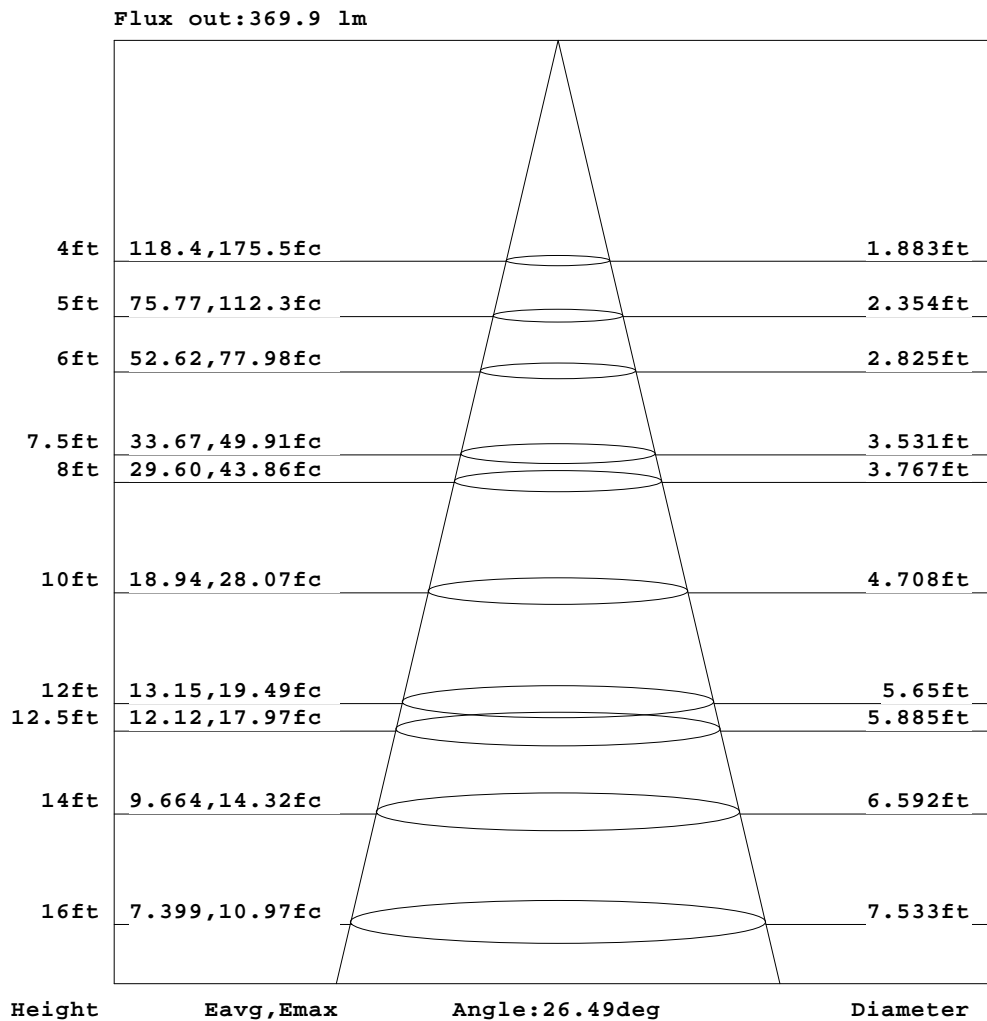


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Zoe  
Test Date:2022-11-4

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-1084A 24R  
NO DRIVER:500mA  
30minutes warm-up

## AAI Figure

Test:U:18.691V I:0.4998A P:9.3420W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.118-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211041120
MFR.: RISE	SUR.: 0.0016m2	Shielding Angle:



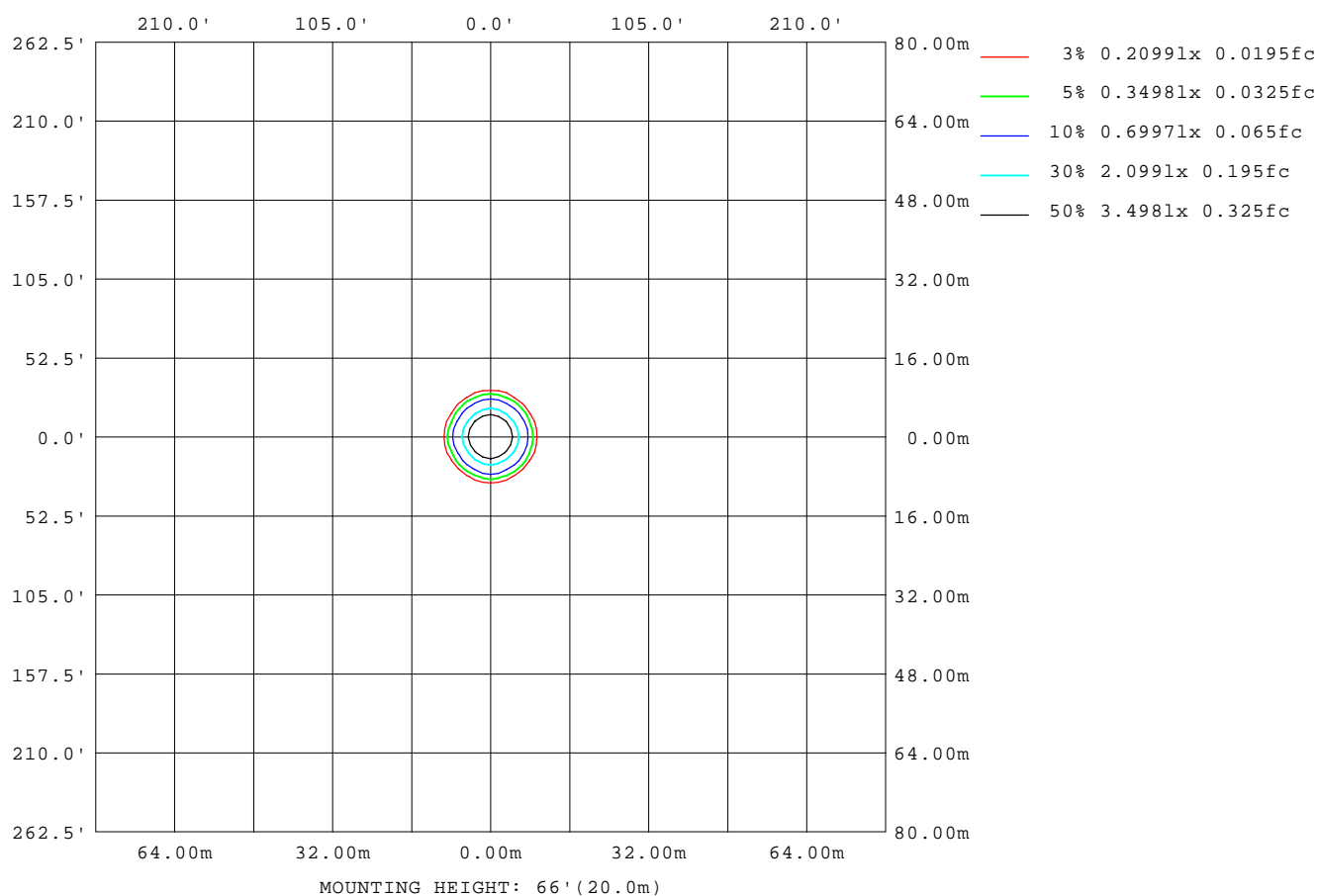
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°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-1084A 24R  
NO DRIVER: 500mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:18.691V I:0.4998A P:9.3420W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.118-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211041120
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-1084A 24R  
NO DRIVER:500mA  
30minutes warm-up

## LED Avg.L Report

Test:U:18.691V I:0.4998A P:9.3420W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.118-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211041120
MFR.: RISE	SUR.: 0.0016m2	Shielding Angle:

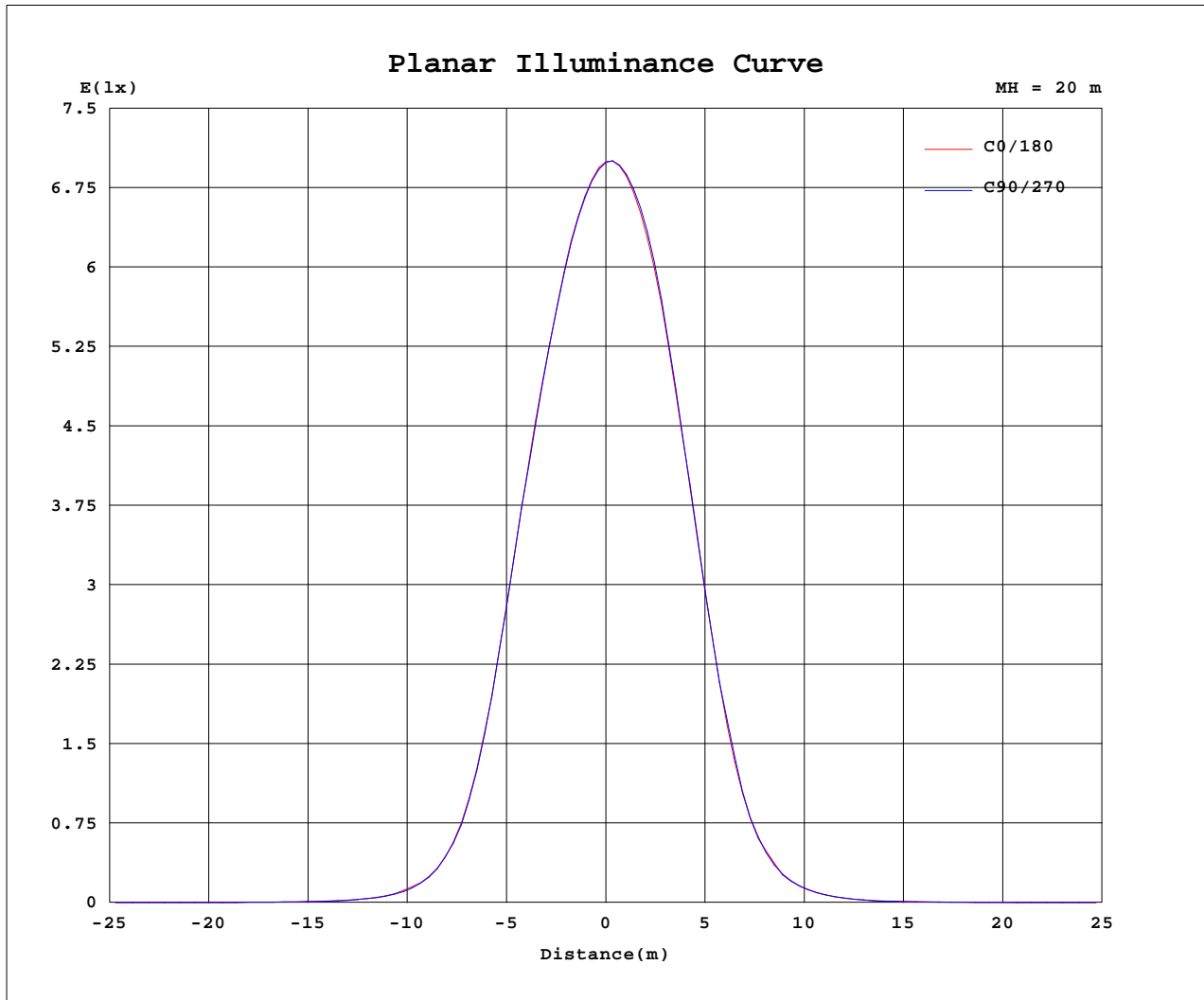
AvgL	cd/m2
L_0~180(65)av	822
L_0~180(75)av	211
L_0~180(85)av	207
L_90~270(65)av	745
L_90~270(75)av	326
L_90~270(85)av	186
L_45(65)av	744
L_45(75)av	740
L_45(85)av	127

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-1084A 24R  
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-1084A 24R  
 NO DRIVER: 500mA  
 30minutes warm-up

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:18.691V I:0.4998A P:9.3420W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.118-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211041120
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	2796	2796	2796	2796	2796	2796	2796	2796	2796	2796	2796	2796						
5	2525	2512	2500	2519	2544	2578	2635	2659	2672	2656	2619	2573						
10	1905	1866	1832	1892	1885	1907	2013	2028	2041	2032	1967	1941						
15	1058	1029	973	1056	1011	982	1114	1069	1079	1114	1045	1063						
20	362	358	336	355	334	334	385	359	373	390	365	368						
25	101	104	97.7	99.0	96.8	101	109	108	114	111	110	106						
30	30.5	33.2	31.0	28.9	31.1	34.9	34.3	37.3	38.3	34.6	36.5	35.0						
35	10.7	10.9	10.6	10.1	10.1	12.0	10.7	13.0	13.4	10.3	12.2	11.7						
40	4.64	4.70	4.52	4.42	4.48	4.65	5.66	5.38	4.71	4.63	4.47	4.54						
45	2.22	2.17	2.13	2.01	2.12	2.41	3.39	3.13	2.42	2.10	2.10	2.11						
50	1.22	1.22	1.24	1.10	1.26	1.35	1.43	1.43	1.41	1.17	1.14	1.19						
55	0.85	0.77	0.78	0.72	0.81	0.83	0.95	0.84	0.81	0.74	0.73	0.77						
60	0.65	0.58	0.57	0.57	0.56	0.59	0.68	0.60	0.56	0.53	0.55	0.58						
65	0.53	0.50	0.48	0.49	0.48	0.51	0.58	0.54	0.50	0.52	0.53	0.52						
70	0.47	0.40	0.37	0.41	0.38	0.39	0.52	0.52	0.51	0.67	0.55	0.49						
75	0.09	0.14	0.14	0.09	0.11	0.20	0.08	0.34	0.52	0.18	0.50	0.34						
80	0.05	0.04	0.05	0.05	0.05	0.04	0.05	0.04	0.04	0.05	0.04	0.04						
85	0.03	0.01	0.02	0.02	0.02	0.02	0.03	0.02	0.02	0.03	0.02	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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