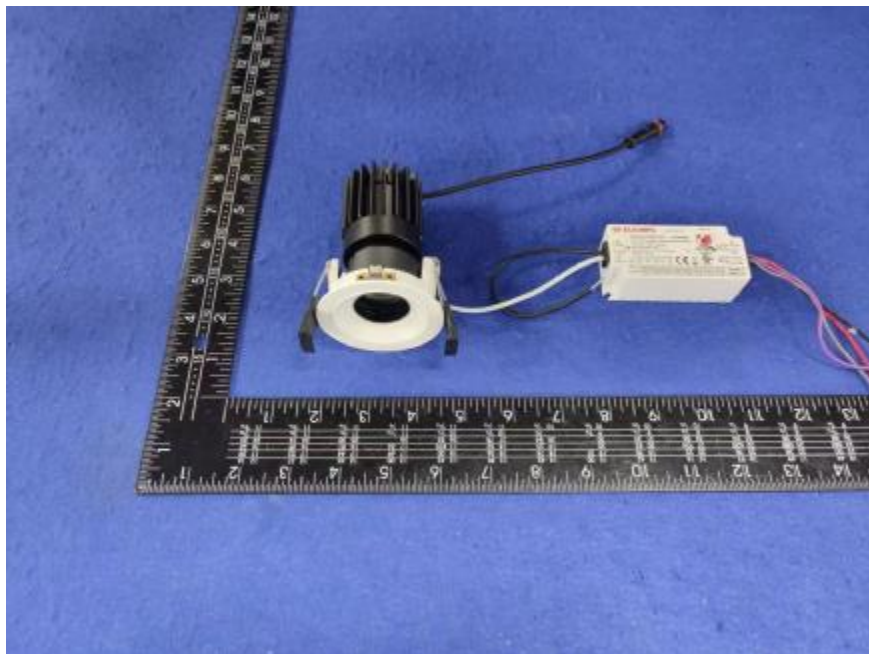


## Luminaire Photograph



Light Output Ratio:	39.7%	
Luminaire Power:	12.15 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: 2023-12-8

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity: 65.0%  
Test Distance: 3.160m [K=1.0000]  
Remarks: LAMP: CMA1306-0000-000N0U0A30G Ra:90  
LENS: PM-1084 15R  
DRIVER: PUP10A-1WMC-350 260mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

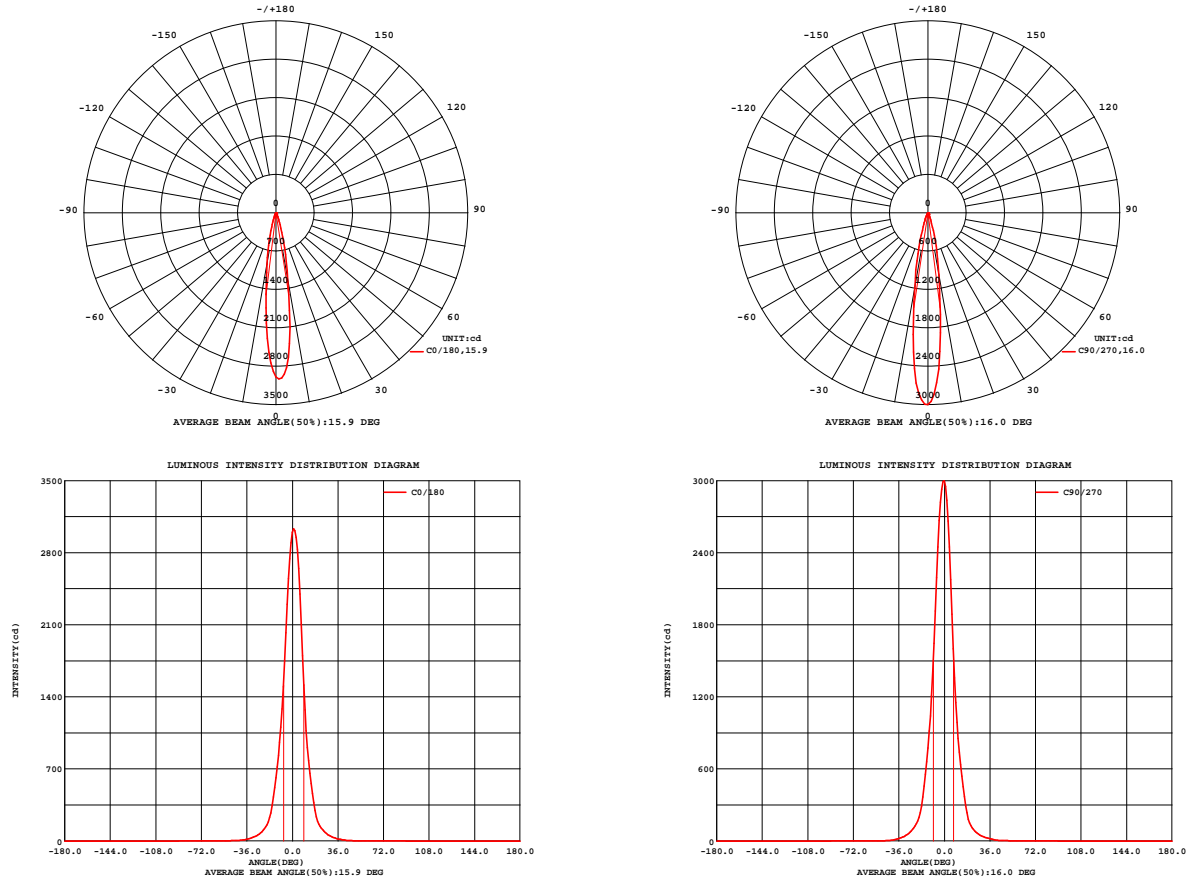


Fig. C0/C180

Fig. C90/C270

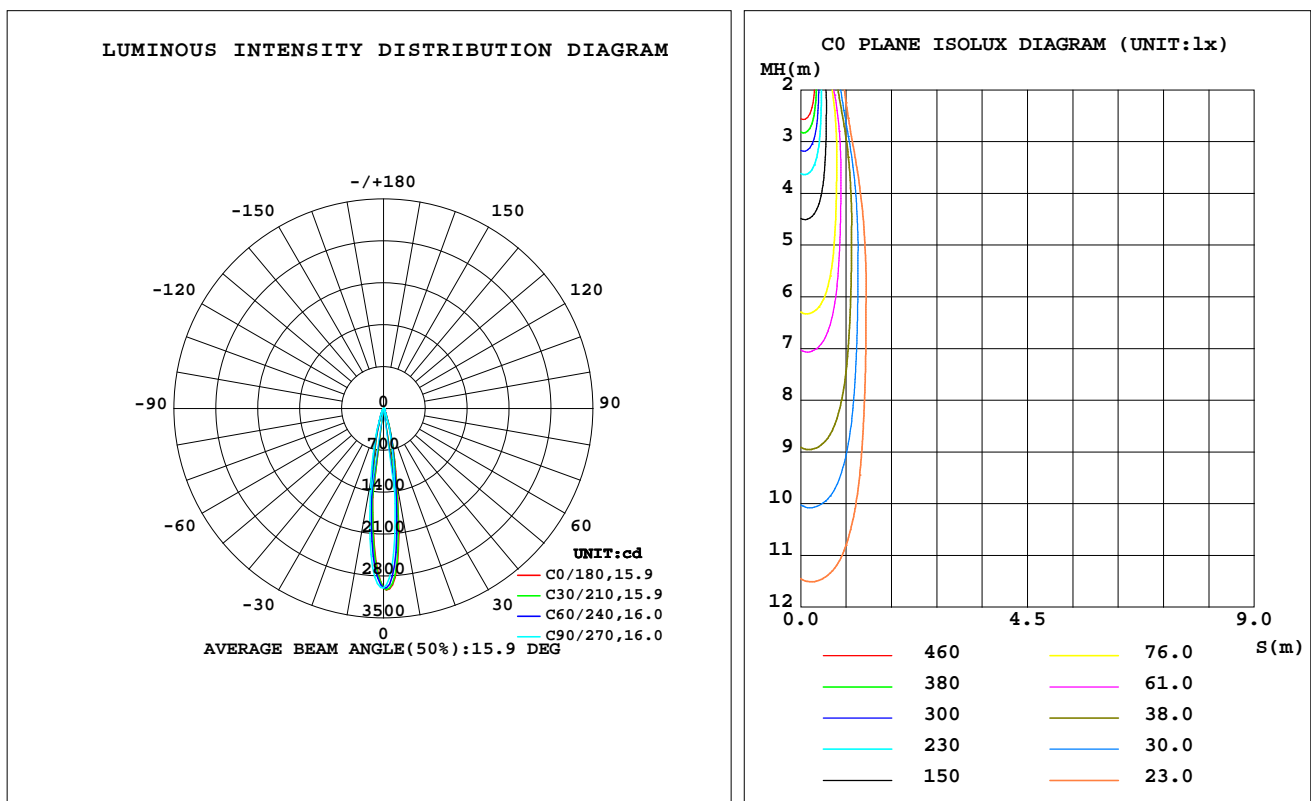
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2023-12-8

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity: 65.0%  
Test Distance: 3.160m [K=1.0000]  
Remarks: LAMP: CMA1306-0000-000N0U0A30G Ra: 90  
LENS: PM-1084 15R  
DRIVER: PUP10A-1WMC-350 260mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.19V I:0.1020A P:12.152W PF:0.9900 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.117-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312081432
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 31.35 lm/W			
MODEL	CREE	I <sub>max</sub> (cd)	3058	S/MH(C0/180)	0.24
NOMINAL POWER(W)	12	LOR(%)	39.7	S/MH(C90/270)	0.30
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	380.99	η UP,DN(C0-180)	0.0,19.1
NOMINAL FLUX(lm)	959.178	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,20.6
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	120	η down(%)	39.7	CIBSE SHR MAX	0.30



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-12-8

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
LENS:PM-1084 15R  
DRIVER:PUP10A-1WMC-350 260mA  
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	1274	1163	988.3	906.8	959.6	1030	1207	1387	0- 10	179.2	179.2	47,18.7
20	191.4	177.1	150.3	138.7	158.0	174.4	196.2	217.5	10- 20	140.0	319.3	83.8,33.3
30	47.24	44.01	39.16	36.80	40.45	43.76	48.31	51.18	20- 30	41.52	360.8	94.7,37.6
40	11.25	11.16	9.743	8.033	7.935	7.746	9.503	11.31	30- 40	14.65	375.4	98.5,39.1
50	2.687	2.801	2.712	2.580	2.836	2.399	2.065	2.345	40- 50	3.398	378.8	99.4,39.5
60	1.026	1.059	0.9044	0.7684	0.7575	0.5699	0.5463	0.8185	50- 60	1.566	380.4	99.8,39.7
70	0.3213	0.3337	0.2821	0.2243	0.2098	0.2132	0.2703	0.2939	60- 70	0.4680	380.9	100,39.7
80	0.0343	0.0295	0.0283	0.0213	0.0247	0.0198	0.0248	0.0238	70- 80	0.1167	381.0	100,39.7
90	0	0	0	0	0	0	0	0	80- 90	0.0166	381.0	100,39.7
100	0	0	0	0	0	0	0	0	90-100	0	381.0	100,39.7
110	0	0	0	0	0	0	0	0	100-110	0	381.0	100,39.7
120	0	0	0	0	0	0	0	0	110-120	0	381.0	100,39.7
130	0	0	0	0	0	0	0	0	120-130	0	381.0	100,39.7
140	0	0	0	0	0	0	0	0	130-140	0	381.0	100,39.7
150	0	0	0	0	0	0	0	0	140-150	0	381.0	100,39.7
160	0	0	0	0	0	0	0	0	150-160	0	381.0	100,39.7
170	0	0	0	0	0	0	0	0	160-170	0	381.0	100,39.7
180	0	0	0	0	0	0	0	0	170-180	0	381.0	100,39.7
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-12-8

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
LENS:PM-1084 15R  
DRIVER:PUP10A-1WMC-350 260mA  
30minutes warm-up

### LUMINANCE LIMITATION CURVES

Test:U:120.19V I:0.1020A P:12.152W PF:0.9900 Freq:59.98Hz  
Lamp Flux:959.178x1 lm

NAME: 2318.117-LEA-13

TYPE:

WEIGHT:

SPEC.: 3000K

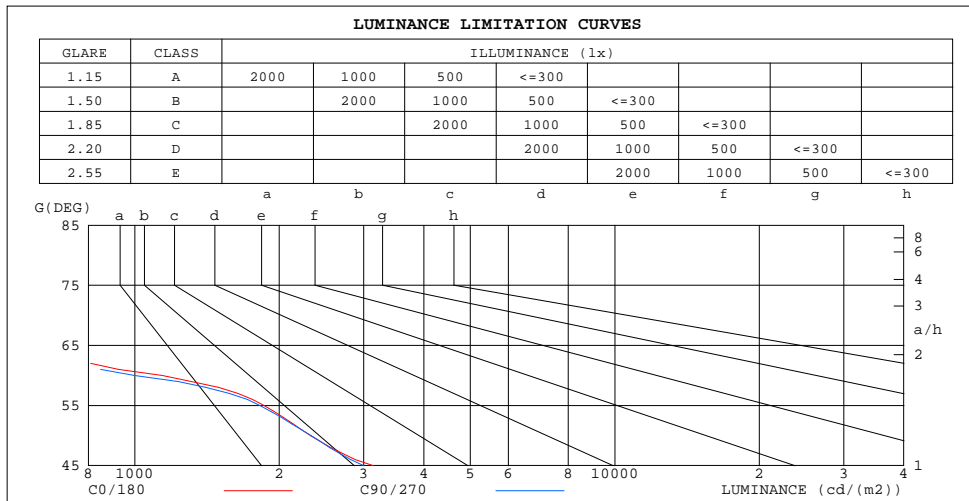
DIM.:

SERIAL No.: 2312081432

MFR.: RISE

SUR.: 0.00180864m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	158	130
80	110	90
75	293	224
70	522	455
65	733	712
60	1141	999
55	1859	1822
50	2324	2329
45	3144	3002

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-12-8

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
LENS:PM-1084 15R  
DRIVER:PUP10A-1WMC-350 260mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.19V I:0.1020A P:12.152W PF:0.9900 Freq:59.98Hz  
Lamp Flux:959.178x1 lm

NAME: 2318.117-LEA-13

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

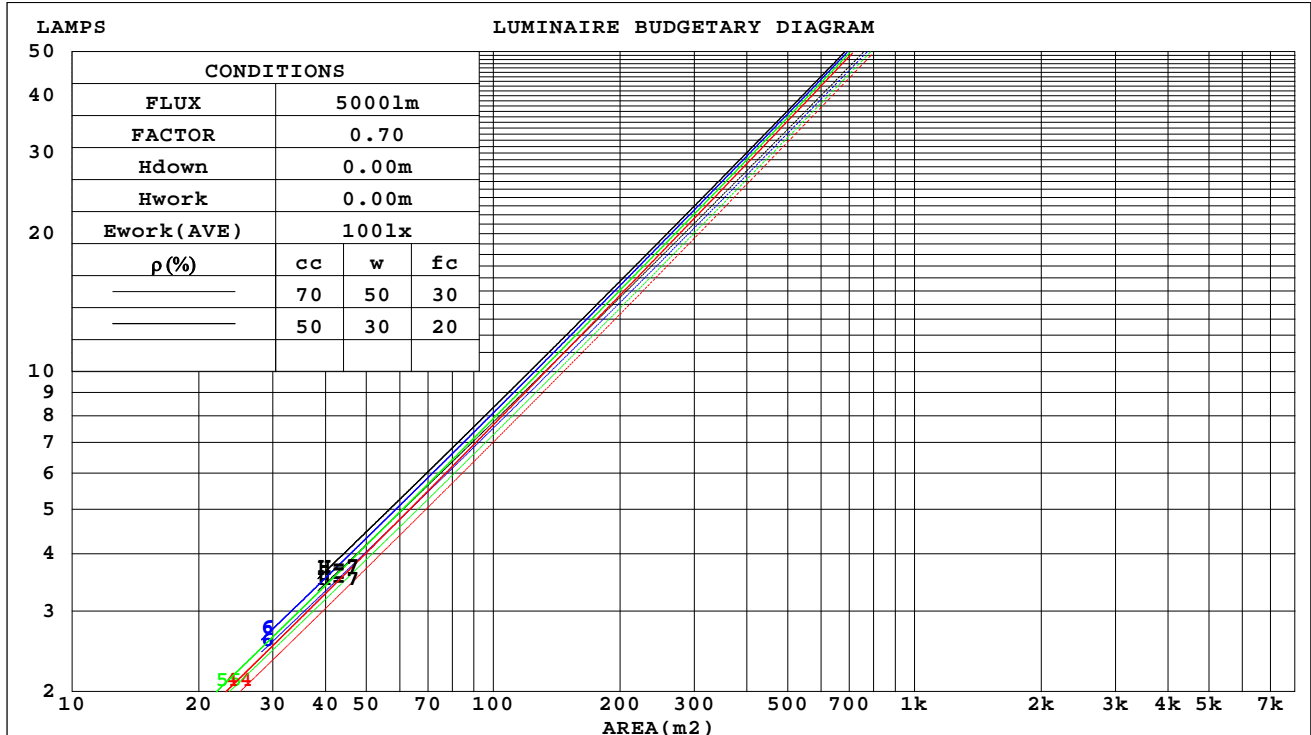
SERIAL No.: 2312081432

MFR.: RISE

SUR.: 0.00180864m2

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															



C Range: 0 - 360DEG

C Interval: 30.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:zoe

Test Date:2023-12-8

 $\gamma$  Range: 0 - 180DEG

 $\gamma$  Interval: 1.0DEG

Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461

Humidity:65.0%

Test Distance:3.160m [K=1.0000]

Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90

LENS:PM-1084 15R

DRIVER:PUP10A-1WMC-350 260mA

30minutes warm-up

### WEC AND CCEC

Test:U:120.19V I:0.1020A P:12.152W PF:0.9900 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.117-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312081432
MFR.: RISE	SUR.: 0.00180864m2	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	.051	.029	.009	.049	.028	.009	.044	.025	.008	.039	.023	.007	.035	.020	.007	
2.0	.047	.026	.008	.045	.025	.008	.041	.023	.007	.037	.021	.007	.034	.019	.006	
3.0	.044	.023	.007	.042	.023	.007	.039	.021	.006	.036	.020	.006	.033	.018	.006	
4.0	.041	.021	.006	.039	.021	.006	.037	.019	.006	.034	.018	.006	.032	.017	.005	
5.0	.038	.020	.006	.037	.019	.006	.035	.018	.005	.032	.017	.005	.030	.016	.005	
6.0	.036	.018	.005	.035	.018	.005	.033	.017	.005	.031	.016	.005	.029	.015	.005	
7.0	.034	.017	.005	.033	.017	.005	.031	.016	.005	.030	.015	.004	.028	.015	.004	
8.0	.032	.016	.004	.032	.016	.004	.030	.015	.004	.029	.015	.004	.027	.014	.004	
9.0	.031	.015	.004	.030	.015	.004	.029	.014	.004	.028	.014	.004	.026	.013	.004	
10.0	.030	.014	.004	.029	.014	.004	.028	.014	.004	.027	.013	.004	.026	.013	.004	

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	.076	.076	.076	.065	.065	.065	.044	.044	.044	.025	.025	.025	.008	.008	.008	
1.0	.067	.063	.059	.057	.054	.051	.039	.037	.035	.022	.021	.020	.007	.007	.007	
2.0	.059	.053	.047	.051	.045	.041	.035	.031	.028	.020	.018	.017	.006	.006	.005	
3.0	.053	.045	.038	.046	.039	.033	.031	.027	.023	.018	.016	.014	.006	.005	.005	
4.0	.048	.039	.032	.041	.034	.028	.028	.023	.019	.016	.014	.012	.005	.004	.004	
5.0	.044	.034	.027	.037	.029	.023	.026	.020	.016	.015	.012	.010	.005	.004	.003	
6.0	.040	.030	.023	.034	.026	.020	.024	.018	.014	.014	.011	.008	.004	.003	.003	
7.0	.037	.027	.019	.032	.023	.017	.022	.016	.012	.013	.010	.007	.004	.003	.002	
8.0	.034	.024	.017	.029	.021	.015	.020	.014	.010	.012	.009	.006	.004	.003	.002	
9.0	.032	.022	.015	.027	.019	.013	.019	.013	.009	.011	.008	.005	.004	.003	.002	
10.0	.030	.020	.013	.026	.017	.011	.018	.012	.008	.010	.007	.005	.003	.002	.002	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-12-8

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
LENS:PM-1084 15R  
DRIVER:PUP10A-1WMC-350 260mA  
30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:120.19V I:0.1020A P:12.152W PF:0.9900 Freq:59.98Hz Lamp Flux:959.178x1 lm										
NAME: 2318.117-LEA-13					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2312081432		
MFR.: RISE					SUR.: 0.00180864m2			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	8.3	8.9	8.5	9.0	9.2	7.7	8.3	7.9	8.4	8.6
3H	8.2	8.8	8.5	9.0	9.1	7.6	8.2	7.8	8.3	8.5
4H	8.2	8.7	8.4	8.9	9.1	7.5	8.1	7.8	8.3	8.5
6H	8.1	8.6	8.4	8.8	9.0	7.4	8.0	7.7	8.2	8.4
8H	8.0	8.5	8.3	8.8	9.0	7.4	7.9	7.7	8.1	8.4
12H	8.0	8.5	8.3	8.7	9.0	7.4	7.8	7.7	8.1	8.4
4H 2H	8.2	8.7	8.4	8.9	9.1	7.5	8.1	7.8	8.3	8.5
3H	8.1	8.5	8.4	8.8	9.1	7.5	7.9	7.8	8.2	8.4
4H	8.0	8.4	8.3	8.7	9.0	7.4	7.8	7.7	8.1	8.4
6H	7.9	8.3	8.3	8.6	8.9	7.3	7.7	7.6	8.0	8.3
8H	7.8	8.2	8.2	8.5	8.9	7.2	7.6	7.6	7.9	8.3
12H	7.8	8.1	8.2	8.5	8.9	7.2	7.5	7.6	7.9	8.2
8H 4H	7.8	8.2	8.2	8.5	8.9	7.2	7.6	7.6	7.9	8.3
6H	7.7	8.0	8.2	8.4	8.8	7.1	7.4	7.5	7.8	8.2
8H	7.7	7.9	8.1	8.3	8.8	7.1	7.3	7.5	7.7	8.2
12H	7.6	7.8	8.1	8.3	8.7	7.0	7.2	7.5	7.7	8.1
12H 4H	7.8	8.1	8.2	8.5	8.9	7.2	7.5	7.6	7.9	8.3
6H	7.7	7.9	8.1	8.3	8.8	7.1	7.3	7.5	7.7	8.2
8H	7.6	7.8	8.1	8.3	8.7	7.0	7.2	7.5	7.7	8.1
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.2 / - 5.9					+ 2.8 / - 5.6				
1.5H	+ 5.2 / - 4.0					+ 4.7 / - 3.6				
2.0H	+ 2.6 / - 4.1					+ 2.5 / - 4.1				

CIE Pub.117, 959.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.1)  
Area: 0.00180864 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-12-8

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
LENS:PM-1084 15R  
DRIVER:PUP10A-1WMC-350 260mA  
30minutes warm-up

### UTILIZATION FACTORS TABLE

Test:U:120.19V I:0.1020A P:12.152W PF:0.9900 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.117-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312081432
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

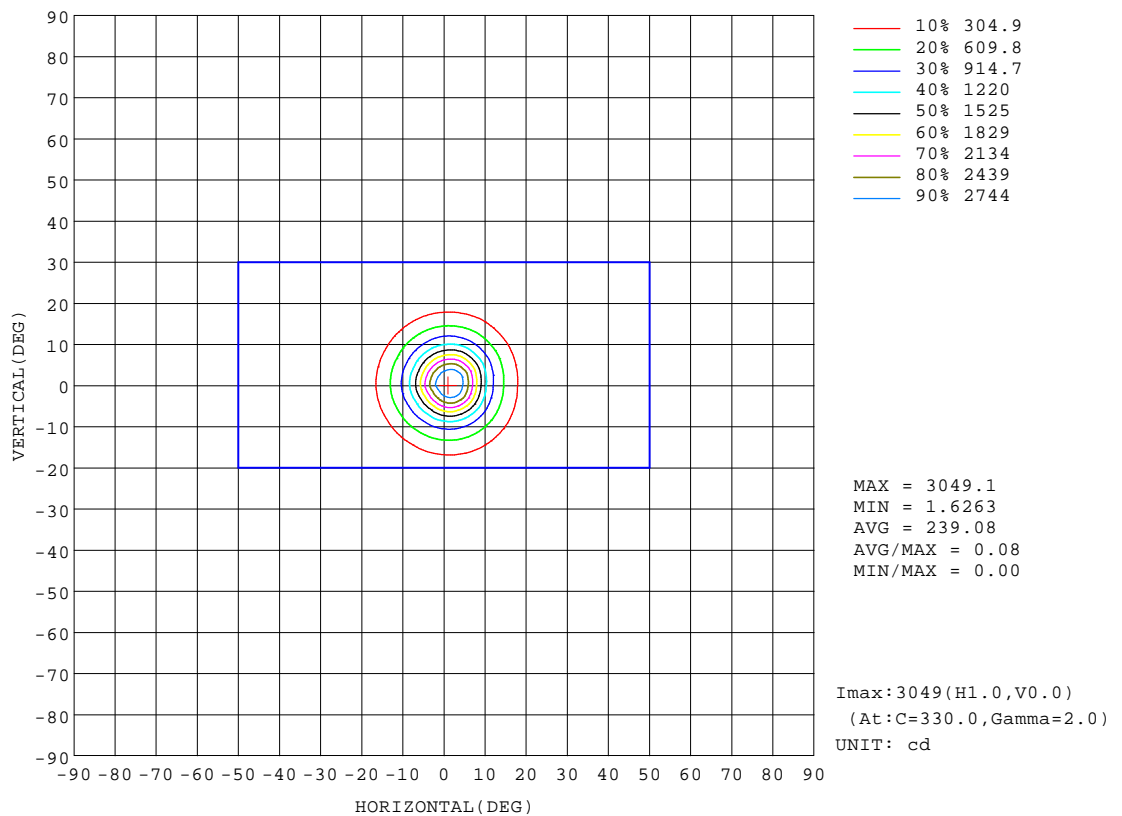
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	36	34	32	36	34	32	36	34	32	31
0.80	39	37	35	39	37	35	38	36	35	34
1.00	40	38	37	40	38	37	39	38	37	35
1.25	42	40	39	41	40	38	41	39	38	37
1.50	43	41	40	42	41	40	41	40	39	38
2.00	44	42	41	43	42	41	42	41	40	38
2.50	44	43	42	44	42	41	42	41	41	38
3.00	45	43	43	44	43	42	43	42	41	39
4.00	45	44	44	45	44	43	43	43	42	39
5.00	46	45	44	45	44	44	44	43	43	40
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:2023-12-8

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
LENS:PM-1084 15R  
DRIVER:PUP10A-1WMC-350 260mA  
30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:120.19V I:0.1020A P:12.152W PF:0.9900 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.117-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312081432
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

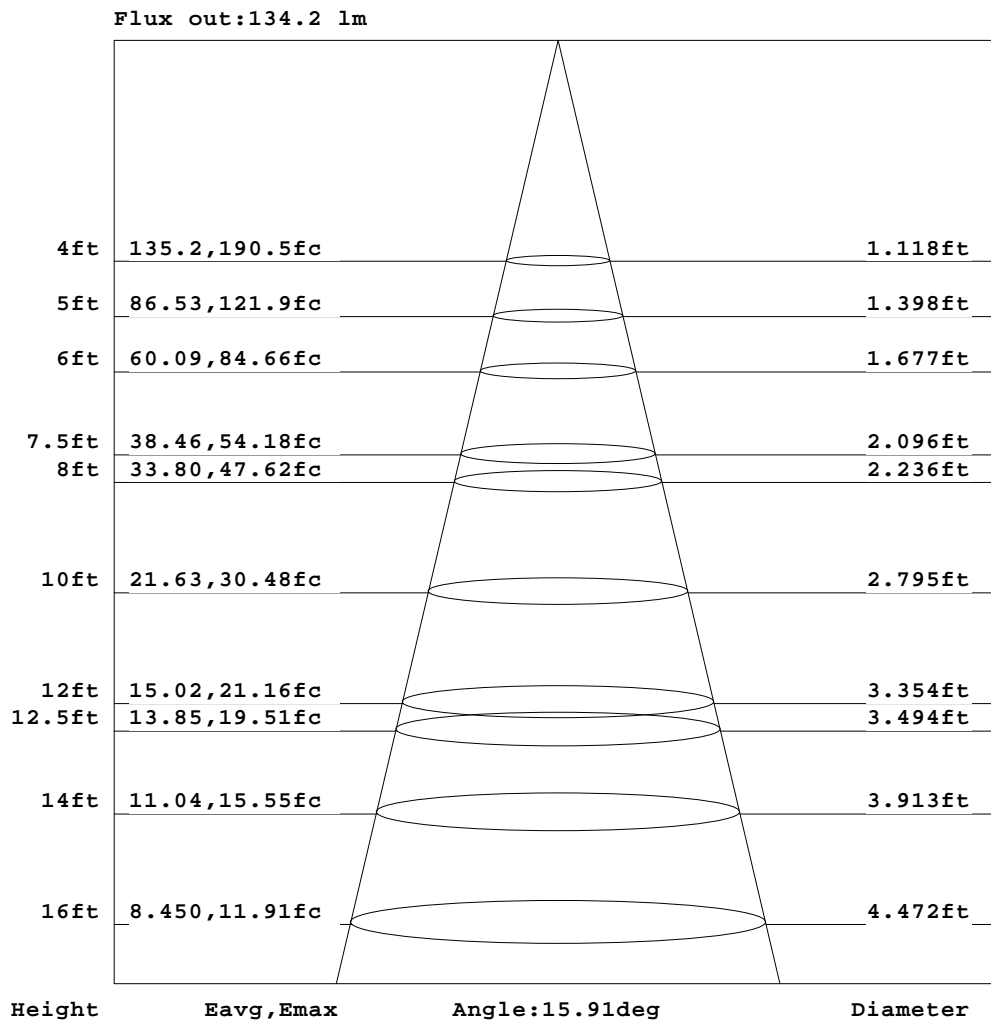


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2023-12-8

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity: 65.0%  
Test Distance: 3.160m [K=1.0000]  
Remarks: LAMP: CMA1306-0000-000N0U0A30G Ra: 90  
LENS: PM-1084 15R  
DRIVER: PUP10A-1WMC-350 260mA  
30minutes warm-up

## AAI Figure

Test:U:120.19V I:0.1020A P:12.152W PF:0.9900 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.117-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312081432
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:



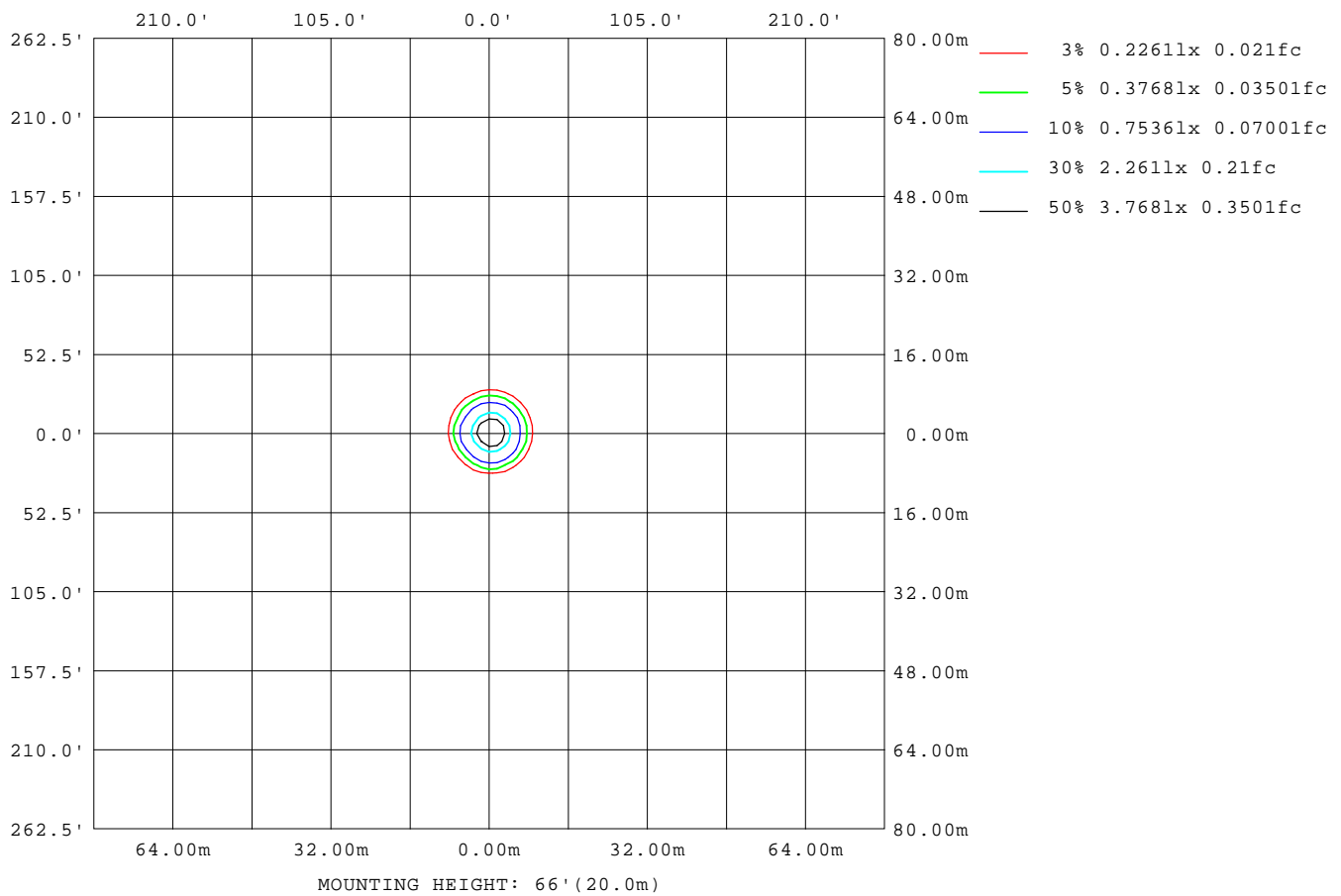
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-12-8

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
LENS:PM-1084 15R  
DRIVER:PUP10A-1WMC-350 260mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:120.19V I:0.1020A P:12.152W PF:0.9900 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.117-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312081432
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-12-8

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
LENS:PM-1084 15R  
DRIVER:PUP10A-1WMC-350 260mA  
30minutes warm-up

## LED Avg.L Report

Test:U:120.19V I:0.1020A P:12.152W PF:0.9900 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.117-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312081432
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

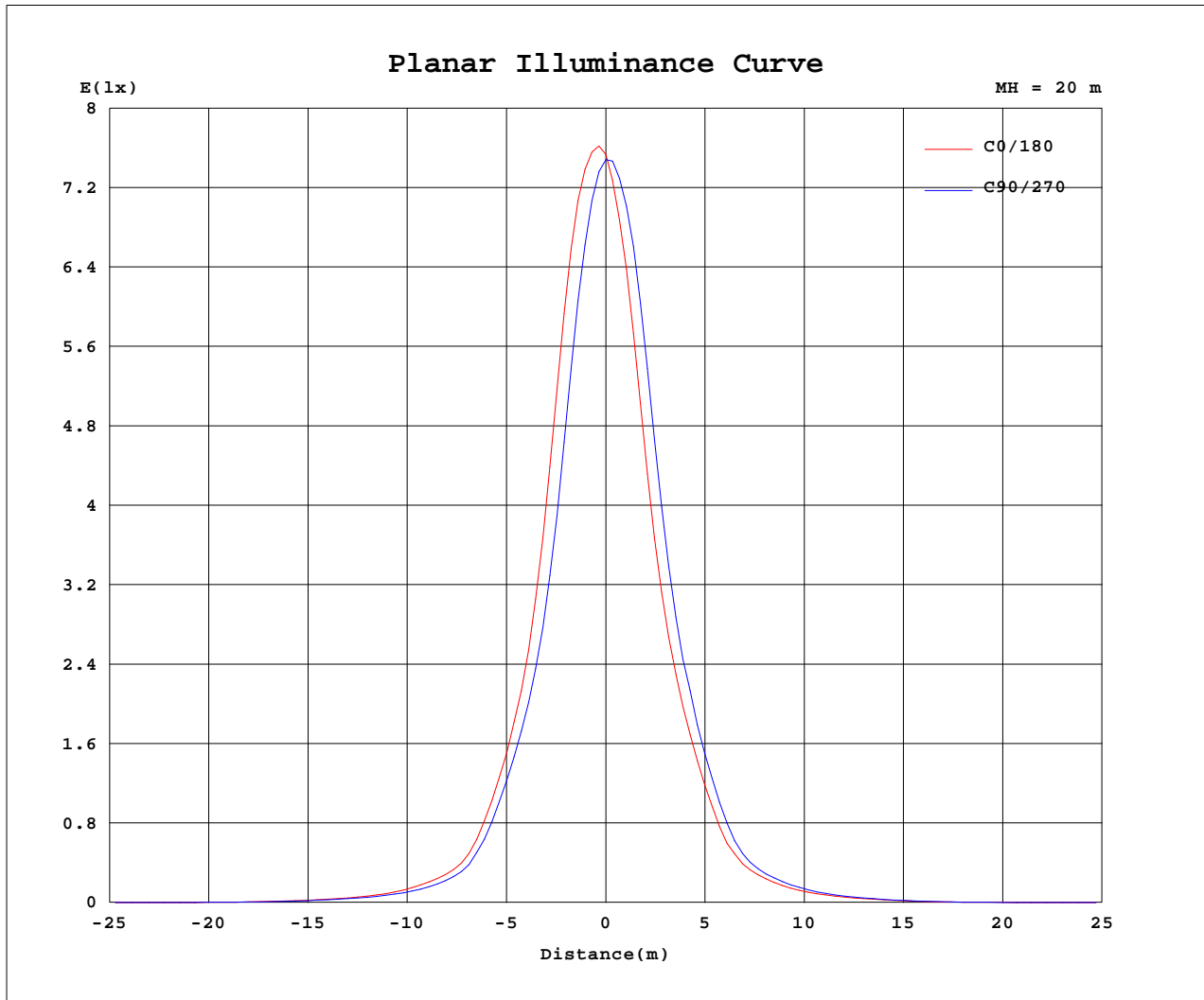
AvgL	cd/m2
L_0~180(65)av	670
L_0~180(75)av	201
L_0~180(85)av	127
L_90~270(65)av	568
L_90~270(75)av	200
L_90~270(85)av	118
L_45(65)av	599
L_45(75)av	197
L_45(85)av	80

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-12-8

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
LENS:PM-1084 15R  
DRIVER:PUP10A-1WMC-350 260mA  
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: 2023-12-8

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
 Humidity: 65.0%  
 Test Distance: 3.160m [K=1.0000]  
 Remarks: LAMP: CMA1306-0000-000N0U0A30G Ra:90  
 LENS: PM-1084 15R  
 DRIVER: PUP10A-1WMC-350 260mA  
 30minutes warm-up

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.19V I:0.1020A P:12.152W PF:0.9900 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.117-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312081432
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	2997	2997	2997	2997	2997	2997	2997	2997	2997	2997	2997	2997						
5	2646	2593	2410	2175	1984	1924	2023	2069	2228	2447	2666	2763						
10	1274	1228	1097	988	910	903	960	983	1078	1207	1363	1412						
15	557	547	505	452	404	395	427	435	488	554	618	620						
20	191	187	167	150	137	140	158	167	181	196	222	213						
25	95.1	91.0	81.8	73.7	68.9	69.7	78.0	84.0	90.2	96.7	104	104						
30	47.2	45.9	42.1	39.2	36.8	36.8	40.4	42.5	45.0	48.3	51.3	51.1						
35	24.7	24.5	23.0	21.5	19.7	19.1	20.5	21.1	22.1	24.3	26.1	26.3						
40	11.3	11.4	10.9	9.74	8.46	7.61	7.93	7.65	7.85	9.50	10.9	11.7						
45	4.00	4.19	4.06	3.84	3.58	3.54	3.72	3.50	2.90	2.95	3.34	3.89						
50	2.69	2.81	2.80	2.71	2.55	2.61	2.84	2.64	2.16	2.07	2.22	2.47						
55	1.92	1.99	1.97	1.89	1.80	1.87	2.11	1.94	1.57	1.42	1.53	1.75						
60	1.03	1.07	1.05	0.90	0.79	0.75	0.76	0.63	0.51	0.55	0.73	0.90						
65	0.56	0.59	0.58	0.55	0.49	0.46	0.47	0.44	0.35	0.32	0.34	0.44						
70	0.32	0.34	0.32	0.28	0.24	0.21	0.21	0.20	0.23	0.27	0.28	0.31						
75	0.14	0.14	0.13	0.10	0.07	0.06	0.05	0.05	0.06	0.08	0.10	0.12						
80	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03						
85	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.01	0.01	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  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-12-8

γ Range: 0 - 180DEG  
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