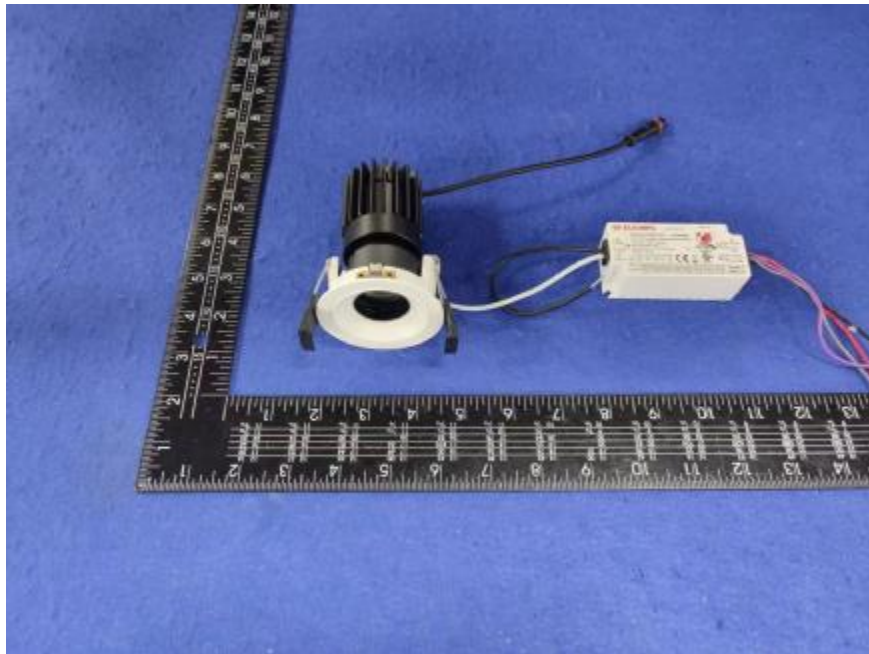


### Luminaire Photograph



Light Output Ratio:	53.2%	
Luminaire Power:	12.18 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: 25.3 °C  
Operators: zoe  
Test Date: 2023-12-8

Range: 0 - 180DEG  
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-1084B 36R  
DRIVER: PUP10A-1WMC-350 260mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

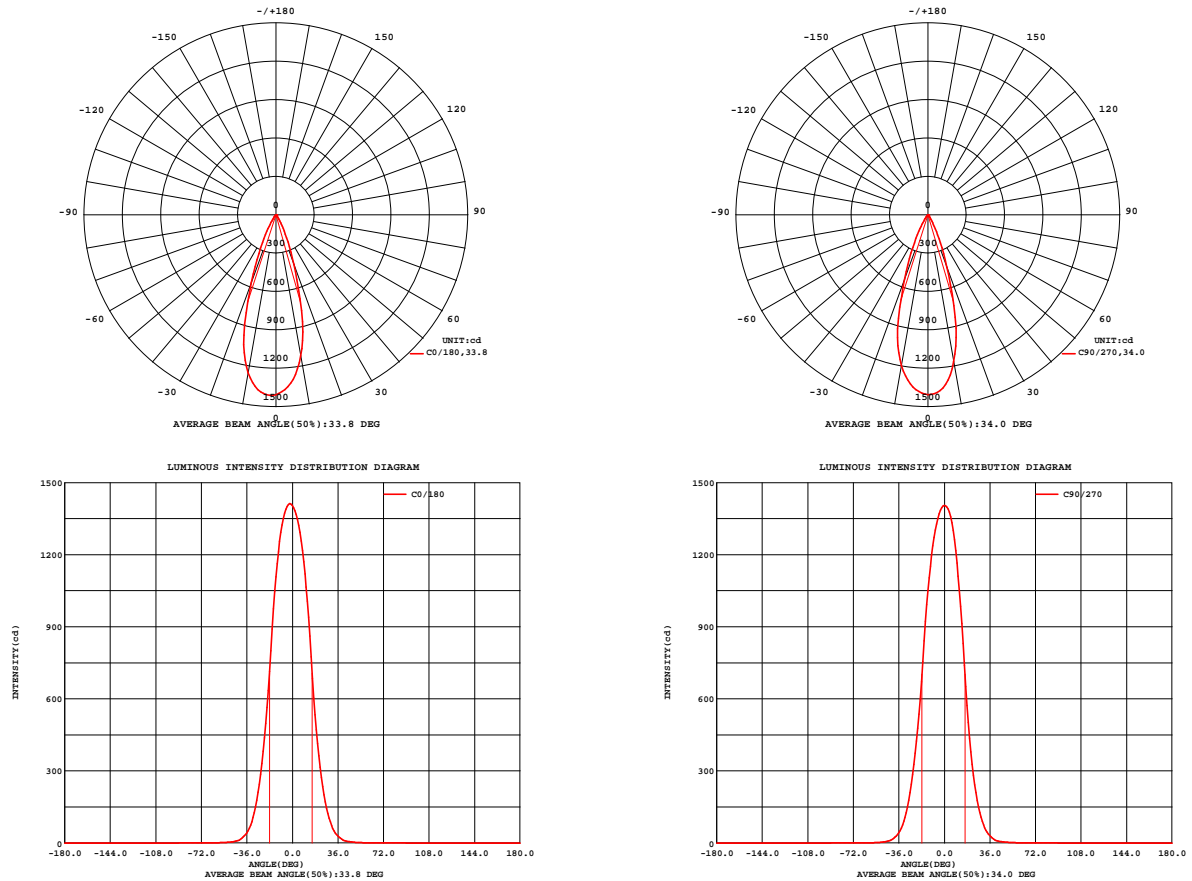


Fig. C0/C180

Fig. C90/C270

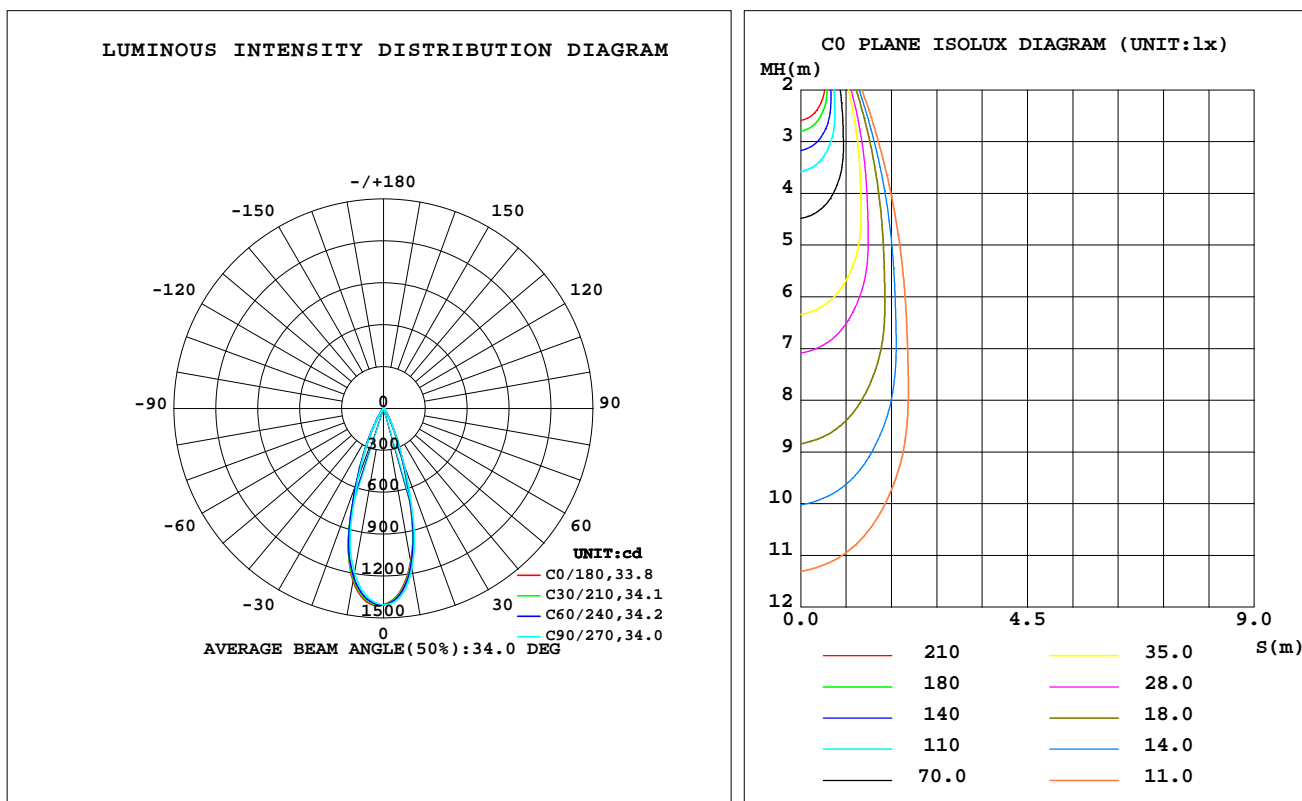
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2023-12-8

Range: 0 - 180DEG  
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-1084B 36R  
DRIVER: PUP10A-1WMC-350 260mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.18V I:0.1024A P:12.181W PF:0.9887 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.117-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312081434
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 41.89 lm/W			
MODEL	CREE	Imax(cd)	1412	S/MH(C0/180)	0.57
NOMINAL POWER(W)	12	LOR(%)	53.2	S/MH(C90/270)	0.57
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	510.29	UP,DN(C0-180)	0.0,25.0
NOMINAL FLUX(lm)	959.178	CIE CLASS	DIRECT	UP,DN(C180-360)	0.0,28.2
LAMPS INSIDE	1	up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	down(%)	53.2	CIBSE SHR MAX	0.55



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

Range: 0 - 180DEG  
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-1084B 36R  
DRIVER:PUP10A-1WMC-350 260mA  
30minutes warm-up

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

	C0	C45	C90	C135	C180	C225	C270	C315		zone	total	%lum,lamp
10	1120	1132	1165	1221	1255	1238	1196	1150	0- 10	124.0	124.0	24.3,12.9
20	414.3	410.9	436.7	501.5	563.7	579.8	535.7	470.8	10- 20	232.0	356.0	69.8,37.1
30	88.07	83.86	89.50	107.6	126.1	134.3	126.5	104.8	20- 30	116.7	472.6	92.6,49.3
40	13.08	12.33	13.07	16.42	19.57	20.70	19.69	16.02	30- 40	30.25	502.9	98.6,52.4
50	2.662	2.751	2.892	3.133	3.409	3.247	3.067	2.675	40- 50	5.515	508.4	99.6,53
60	0.5458	0.5760	0.6245	0.7722	0.9277	0.6650	0.4843	0.4515	50- 60	1.427	509.8	99.9,53.2
70	0.1567	0.1563	0.1561	0.1811	0.2011	0.2185	0.2214	0.1745	60- 70	0.3493	510.2	100,53.2
80	0.0239	0.0271	0.0294	0.0262	0.0245	0.0237	0.0218	0.0188	70- 80	0.0806	510.3	100,53.2
90	0	0	0	0	0	0	0	0	80- 90	0.0182	510.3	100,53.2
100	0	0	0	0	0	0	0	0	90-100	0	510.3	100,53.2
110	0	0	0	0	0	0	0	0	100-110	0	510.3	100,53.2
120	0	0	0	0	0	0	0	0	110-120	0	510.3	100,53.2
130	0	0	0	0	0	0	0	0	120-130	0	510.3	100,53.2
140	0	0	0	0	0	0	0	0	130-140	0	510.3	100,53.2
150	0	0	0	0	0	0	0	0	140-150	0	510.3	100,53.2
160	0	0	0	0	0	0	0	0	150-160	0	510.3	100,53.2
170	0	0	0	0	0	0	0	0	160-170	0	510.3	100,53.2
180	0	0	0	0	0	0	0	0	170-180	0	510.3	100,53.2
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

Range: 0 - 180DEG  
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-1084B 36R  
DRIVER:PUP10A-1WMC-350 260mA  
30minutes warm-up

## LUMINANCE LIMITATION CURVES

Test:U:120.18V I:0.1024A P:12.181W PF:0.9887 Freq:59.98Hz  
Lamp Flux:959.178x1 lm

NAME: 2318.117-LEA-13

TYPE:

WEIGHT:

SPEC.: 3000K

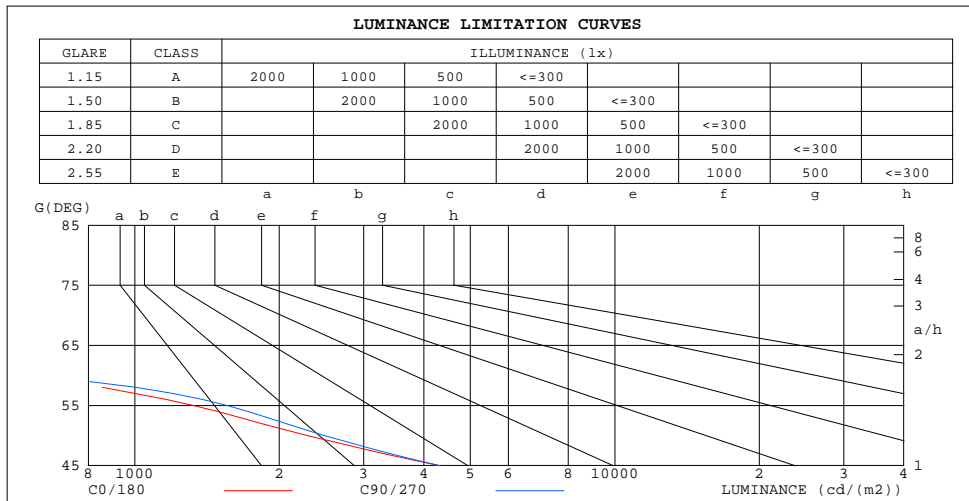
DIM.:

SERIAL No.: 2312081434

MFR.: RISE

SUR.: 0.00180864m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	106	148
80	76	94
75	99	113
70	253	252
65	460	475
60	604	690
55	1328	1559
50	2292	2486
45	4328	4328

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

Range: 0 - 180DEG  
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-1084B 36R  
DRIVER:PUP10A-1WMC-350 260mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.18V I:0.1024A P:12.181W PF:0.9887 Freq:59.98Hz  
Lamp Flux:959.178x1 lm

NAME: 2318.117-LEA-13

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

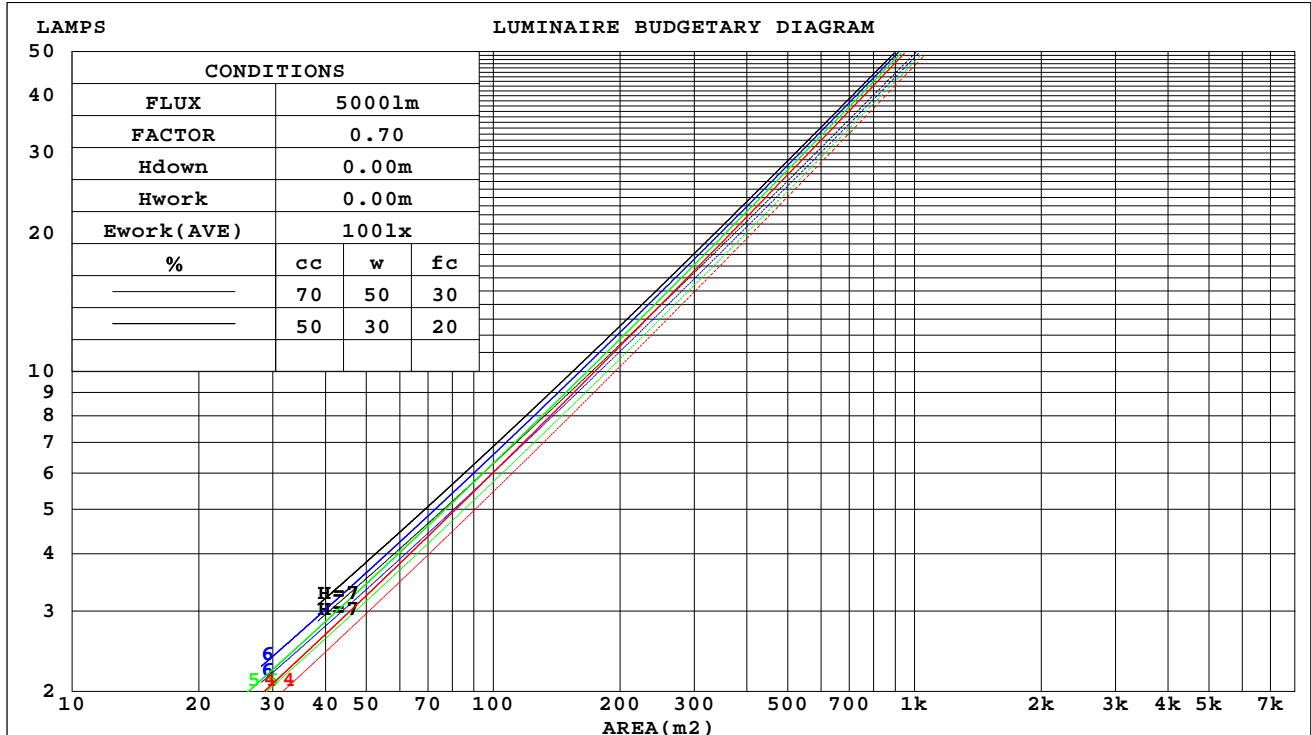
SERIAL No.: 2312081434

MFR.: RISE

SUR.: 0.00180864m2

Shielding Angle:

cc	80%			70%			50%			30%			10%			0
w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
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

Range: 0 - 180DEG  
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-1084B 36R  
DRIVER:PUP10A-1WMC-350 260mA  
30minutes warm-up

### WEC AND CCEC

Test:U:120.18V I:0.1024A P:12.181W PF:0.9887 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.117-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312081434
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

cc	80%			70%			50%			30%			10%			0	
w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
fc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.078	.044	.014	.075	.043	.014	.068	.039	.012	.062	.036	.011	.056	.033	.011		
2.0	.073	.040	.012	.070	.039	.012	.065	.036	.011	.060	.033	.010	.055	.031	.010		
3.0	.069	.037	.011	.066	.035	.011	.062	.033	.010	.057	.031	.010	.053	.030	.009		
4.0	.065	.034	.010	.063	.033	.010	.059	.031	.009	.055	.030	.009	.052	.028	.009		
5.0	.061	.031	.009	.060	.031	.009	.056	.029	.009	.053	.028	.008	.050	.027	.008		
6.0	.058	.029	.008	.057	.029	.008	.054	.028	.008	.051	.027	.008	.049	.026	.008		
7.0	.056	.028	.008	.054	.027	.008	.052	.026	.008	.049	.025	.007	.047	.025	.007		
8.0	.053	.026	.007	.052	.026	.007	.050	.025	.007	.048	.024	.007	.046	.024	.007		
9.0	.051	.025	.007	.050	.024	.007	.048	.024	.007	.046	.023	.007	.044	.023	.007		
10.0	.049	.024	.007	.048	.023	.006	.046	.023	.006	.045	.022	.006	.043	.022	.006		

cc	80%			70%			50%			30%			10%			0
w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Ceiling Cavity Exitance Coefficients(CCEC)												
0.0	.101	.101	.101	.087	.087	.087	.059	.059	.059	.034	.034	.034	.011	.011	.011	
1.0	.090	.084	.078	.077	.072	.067	.053	.049	.047	.030	.029	.027	.010	.009	.009	
2.0	.081	.071	.062	.069	.061	.054	.047	.042	.037	.027	.024	.022	.009	.008	.007	
3.0	.073	.060	.050	.063	.052	.043	.043	.036	.030	.025	.021	.018	.008	.007	.006	
4.0	.067	.052	.041	.057	.045	.036	.039	.031	.025	.023	.018	.015	.007	.006	.005	
5.0	.061	.046	.034	.053	.040	.030	.036	.028	.021	.021	.016	.012	.007	.005	.004	
6.0	.057	.041	.029	.049	.035	.025	.034	.025	.018	.020	.014	.011	.006	.005	.003	
7.0	.053	.036	.024	.046	.031	.021	.032	.022	.015	.018	.013	.009	.006	.004	.003	
8.0	.050	.033	.021	.043	.028	.018	.030	.020	.013	.017	.012	.008	.006	.004	.003	
9.0	.047	.030	.018	.040	.026	.016	.028	.018	.011	.016	.011	.007	.005	.004	.002	
10.0	.044	.027	.016	.038	.024	.014	.027	.017	.010	.016	.010	.006	.005	.003	.002	

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

Range: 0 - 180DEG  
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-1084B 36R  
DRIVER:PUP10A-1WMC-350 260mA  
30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:120.18V I:0.1024A P:12.181W PF:0.9887 Freq:59.98Hz Lamp Flux:959.178x1 lm										
NAME: 2318.117-LEA-13					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2312081434		
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	9.5	10.3	9.8	10.4	10.6	9.6	10.3	9.8	10.5	10.6
3H	9.4	10.1	9.6	10.3	10.5	9.5	10.1	9.7	10.3	10.5
4H	9.3	10.0	9.6	10.2	10.4	9.4	10.0	9.6	10.2	10.4
6H	9.2	9.8	9.5	10.1	10.3	9.3	9.9	9.6	10.1	10.4
8H	9.2	9.8	9.5	10.0	10.3	9.2	9.8	9.5	10.1	10.3
12H	9.1	9.7	9.5	10.0	10.2	9.2	9.8	9.5	10.0	10.3
4H 2H	9.3	10.0	9.6	10.2	10.4	9.4	10.0	9.6	10.2	10.4
3H	9.2	9.7	9.5	10.0	10.3	9.2	9.8	9.5	10.0	10.3
4H	9.1	9.6	9.4	9.9	10.2	9.1	9.6	9.5	9.9	10.2
6H	9.0	9.4	9.3	9.7	10.1	9.0	9.5	9.4	9.8	10.1
8H	8.9	9.3	9.3	9.7	10.0	9.0	9.4	9.4	9.7	10.1
12H	8.9	9.2	9.3	9.6	10.0	8.9	9.3	9.3	9.7	10.1
8H 4H	8.9	9.3	9.3	9.7	10.0	9.0	9.4	9.4	9.7	10.1
6H	8.8	9.2	9.2	9.5	10.0	8.9	9.2	9.3	9.6	10.0
8H	8.7	9.1	9.2	9.5	9.9	8.8	9.1	9.2	9.5	10.0
12H	8.7	9.0	9.2	9.4	9.9	8.7	9.0	9.2	9.4	9.9
12H 4H	8.9	9.2	9.3	9.6	10.0	8.9	9.3	9.3	9.7	10.1
6H	8.7	9.1	9.2	9.5	9.9	8.8	9.1	9.2	9.5	10.0
8H	8.7	9.0	9.2	9.4	9.9	8.7	9.0	9.2	9.4	9.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.9 / -10.6					+ 4.1 / - 9.8				
1.5H	+ 6.1 / - 7.6					+ 6.2 / - 7.4				
2.0H	+ 5.5 / - 6.5					+ 5.3 / - 6.5				

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

Range: 0 - 180DEG  
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-1084B 36R  
DRIVER:PUP10A-1WMC-350 260mA  
30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:120.18V I:0.1024A P:12.181W PF:0.9887 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.117-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312081434
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

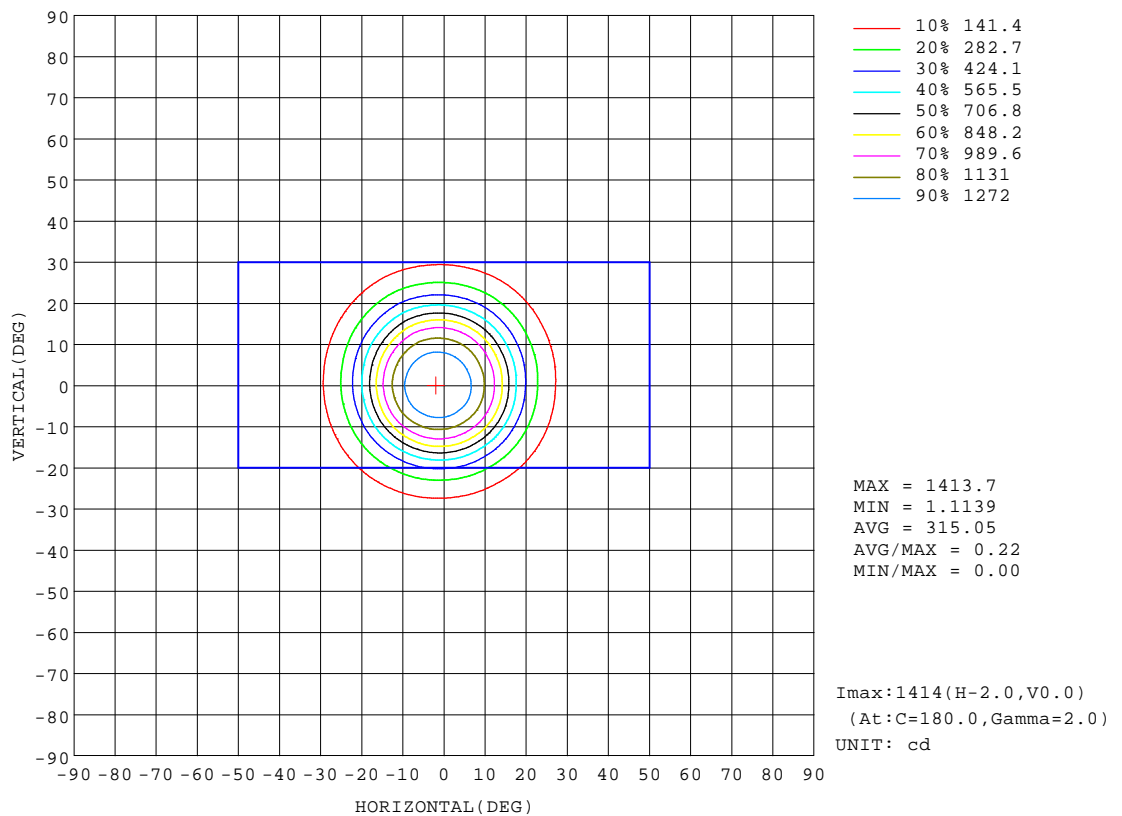
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	48	45	43	48	45	43	48	45	43	42
0.80	52	49	47	52	49	47	51	49	47	45
1.00	54	51	50	54	51	49	53	51	49	47
1.25	56	53	52	55	53	52	54	53	51	49
1.50	57	55	53	57	55	53	55	54	53	50
2.00	58	56	55	58	56	54	56	55	54	51
2.50	59	57	56	58	57	55	57	55	54	51
3.00	60	58	57	59	58	56	57	56	55	52
4.00	61	60	59	60	59	58	58	57	56	53
5.00	62	60	60	60	59	59	58	58	57	53
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

Range: 0 - 180DEG  
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-1084B 36R  
DRIVER:PUP10A-1WMC-350 260mA  
30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:120.18V I:0.1024A P:12.181W PF:0.9887 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.117-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312081434
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

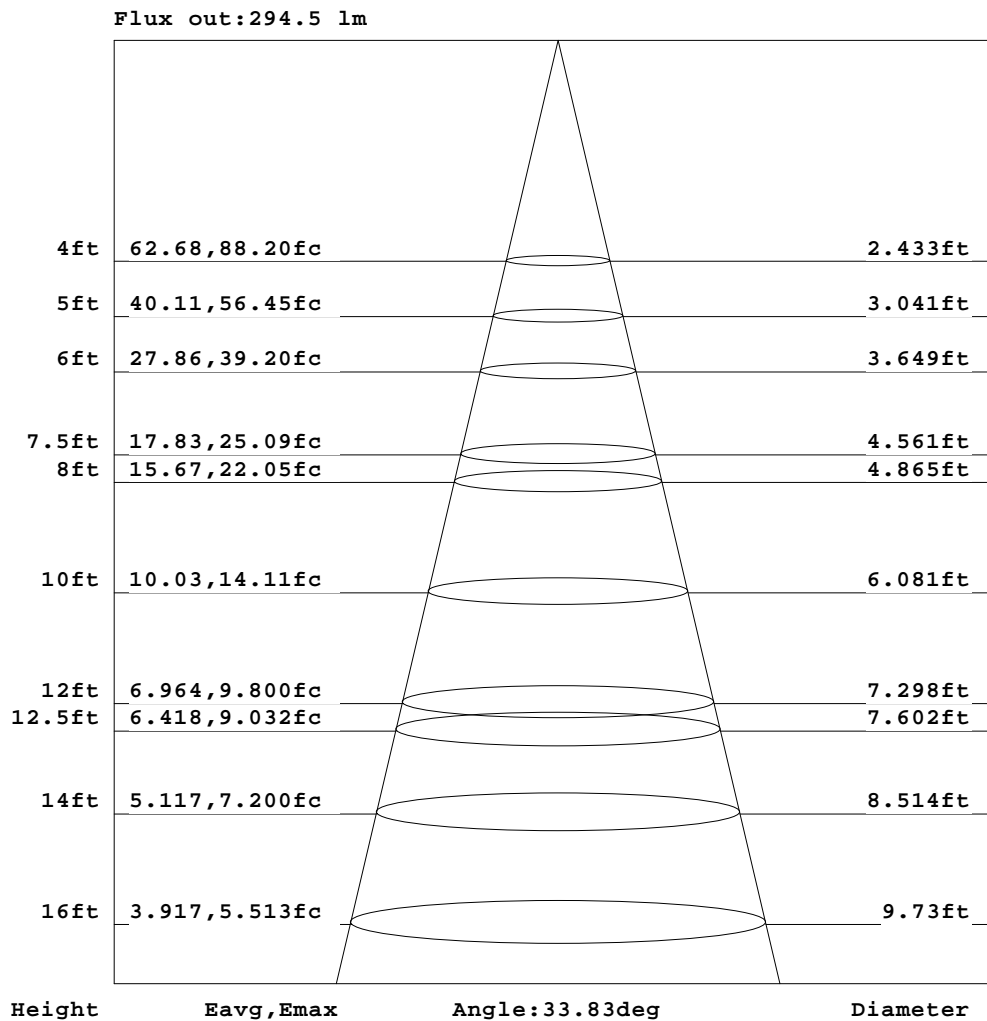


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-12-8

Range: 0 - 180DEG  
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-1084B 36R  
DRIVER:PUP10A-1WMC-350 260mA  
30minutes warm-up

## AAI Figure

Test:U:120.18V I:0.1024A P:12.181W PF:0.9887 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.117-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312081434
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:



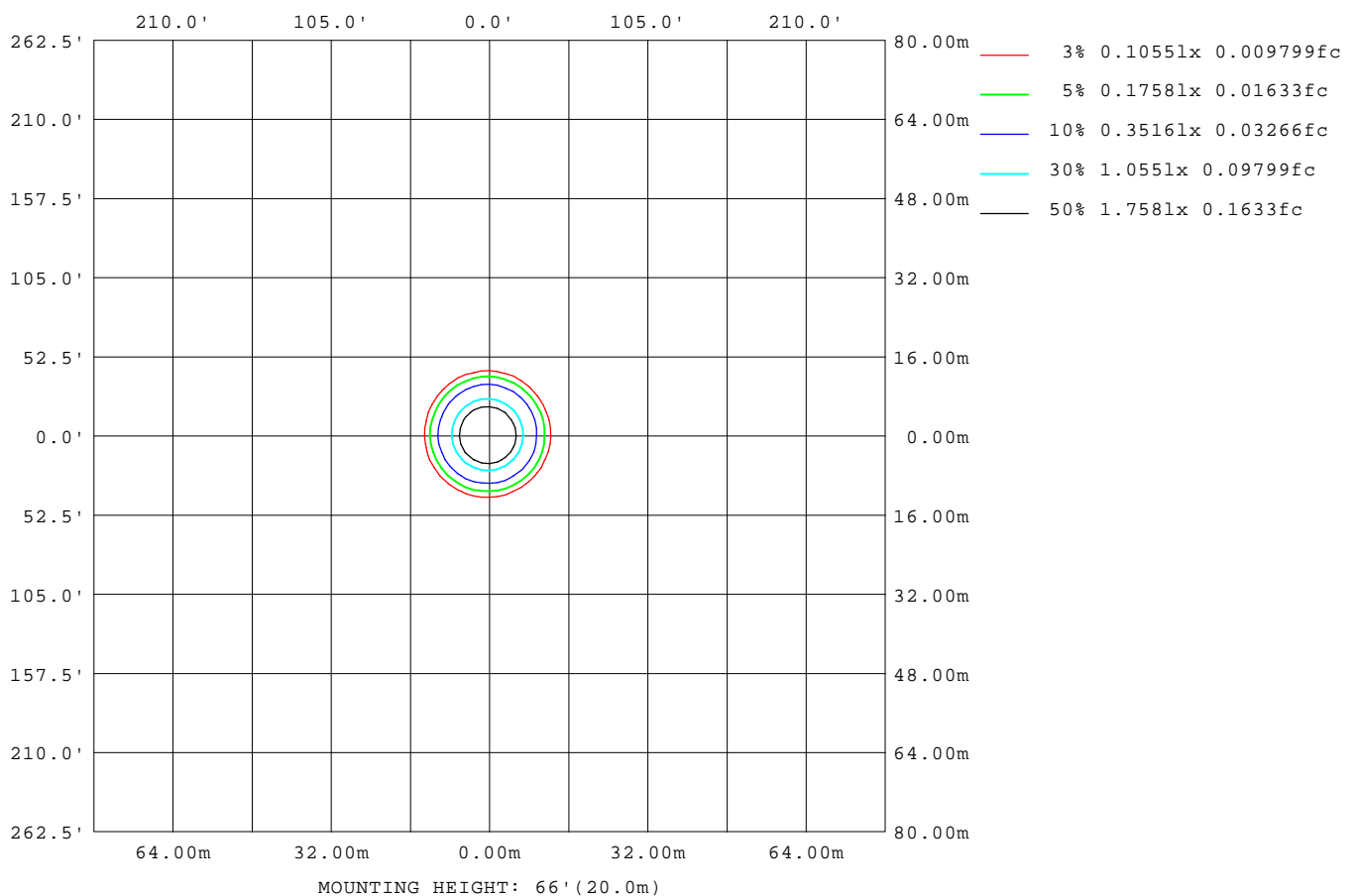
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

Range: 0 - 180DEG  
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-1084B 36R  
DRIVER: PUP10A-1WMC-350 260mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:120.18V I:0.1024A P:12.181W PF:0.9887 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.117-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312081434
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

Range: 0 - 180DEG  
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-1084B 36R  
DRIVER: PUP10A-1WMC-350 260mA  
30minutes warm-up

## LED Avg.L Report

Test:U:120.18V I:0.1024A P:12.181W PF:0.9887 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.117-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312081434
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

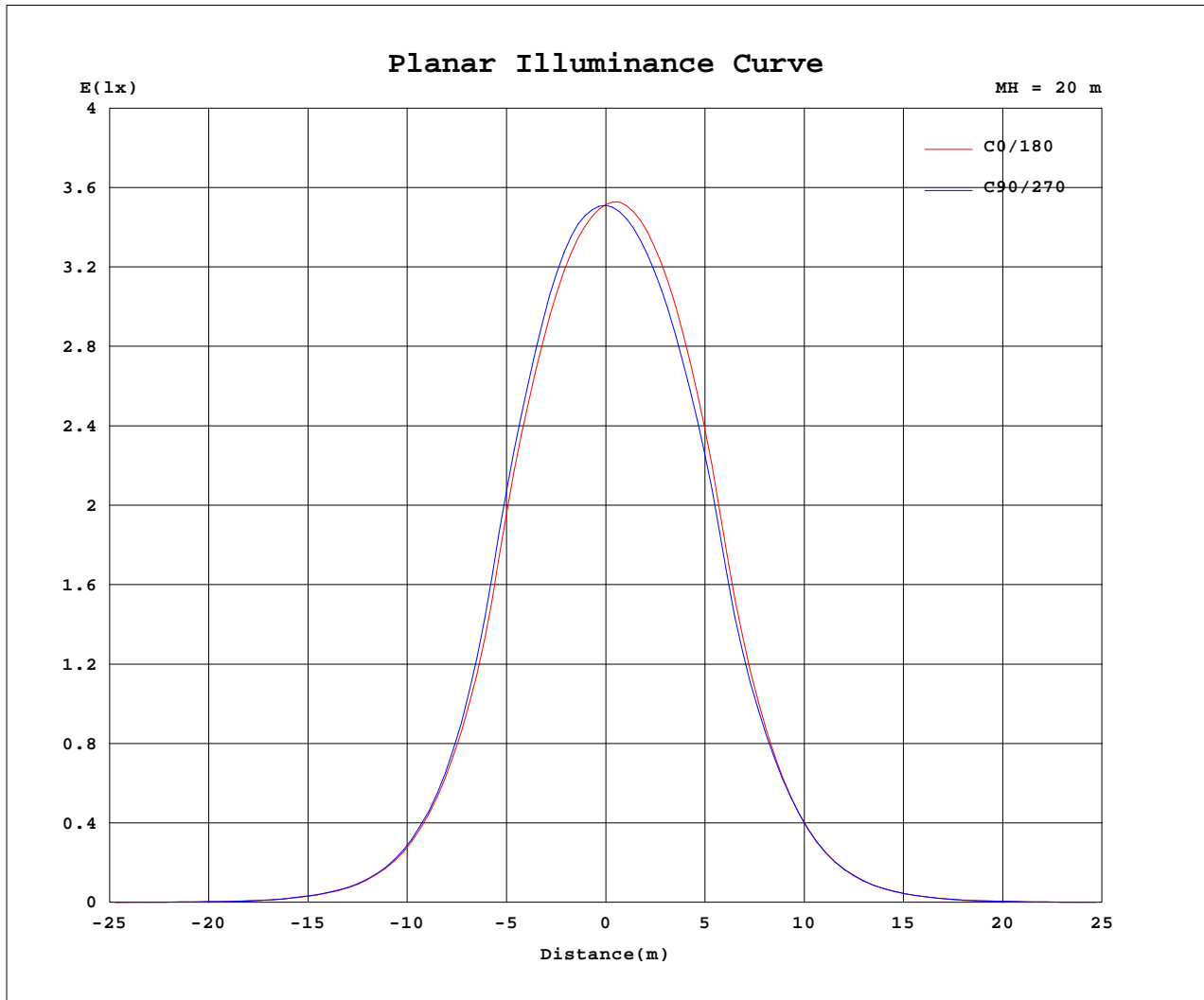
AvgL	cd/m2
L_0~180(65)av	524
L_0~180(75)av	126
L_0~180(85)av	100
L_90~270(65)av	398
L_90~270(75)av	135
L_90~270(85)av	129
L_45(65)av	441
L_45(75)av	131
L_45(85)av	107

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

Range: 0 - 180DEG  
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-1084B 36R  
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

Range: 0 - 180DEG  
 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-1084B 36R  
 DRIVER: PUP10A-1WMC-350 260mA  
 30minutes warm-up

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.18V I:0.1024A P:12.181W PF:0.9887 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.117-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312081434
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405						
5	1322	1329	1339	1358	1373	1387	1389	1379	1369	1351	1336	1324						
10	1120	1127	1137	1165	1202	1241	1255	1245	1230	1196	1167	1133						
15	775	780	793	830	880	940	974	979	968	922	871	809						
20	414	408	414	437	477	526	564	581	579	536	495	447						
25	201	197	193	209	230	260	286	303	307	284	259	223						
30	88.1	84.0	83.7	89.5	101	114	126	132	136	127	114	95.6						
35	35.6	34.3	33.9	36.8	41.5	47.3	51.2	53.3	55.8	51.5	45.5	38.9						
40	13.1	12.5	12.2	13.1	14.9	17.9	19.6	20.0	21.4	19.7	17.5	14.6						
45	5.53	5.47	5.34	5.54	5.94	6.57	7.16	7.33	7.42	7.28	6.59	5.83						
50	2.66	2.73	2.77	2.89	3.04	3.23	3.41	3.28	3.22	3.07	2.78	2.57						
55	1.38	1.40	1.48	1.62	1.71	1.82	1.84	1.65	1.51	1.39	1.29	1.32						
60	0.55	0.57	0.58	0.62	0.72	0.83	0.93	0.74	0.59	0.48	0.43	0.48						
65	0.35	0.36	0.35	0.36	0.39	0.43	0.45	0.34	0.26	0.24	0.26	0.33						
70	0.16	0.16	0.15	0.16	0.17	0.19	0.20	0.22	0.22	0.22	0.19	0.16						
75	0.05	0.05	0.05	0.05	0.06	0.07	0.07	0.07	0.08	0.07	0.06	0.05						
80	0.02	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02						
85	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.02	0.02	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:25.3℃  
Operators:zoe  
Test Date:2023-12-8

Range: 0 - 180DEG  
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-1084B 36R  
DRIVER:PUP10A-1WMC-350 260mA  
30minutes warm-up