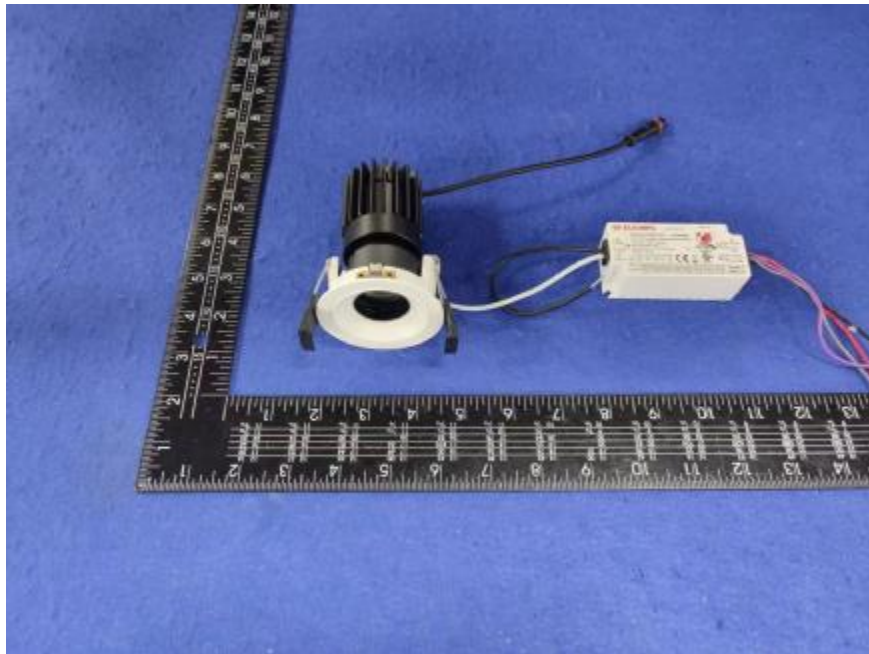


### Luminaire Photograph



Light Output Ratio:	62.9%	
Luminaire Power:	12.21 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.65	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-1084C 50R  
DRIVER: PUP10A-1WMC-350 260mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

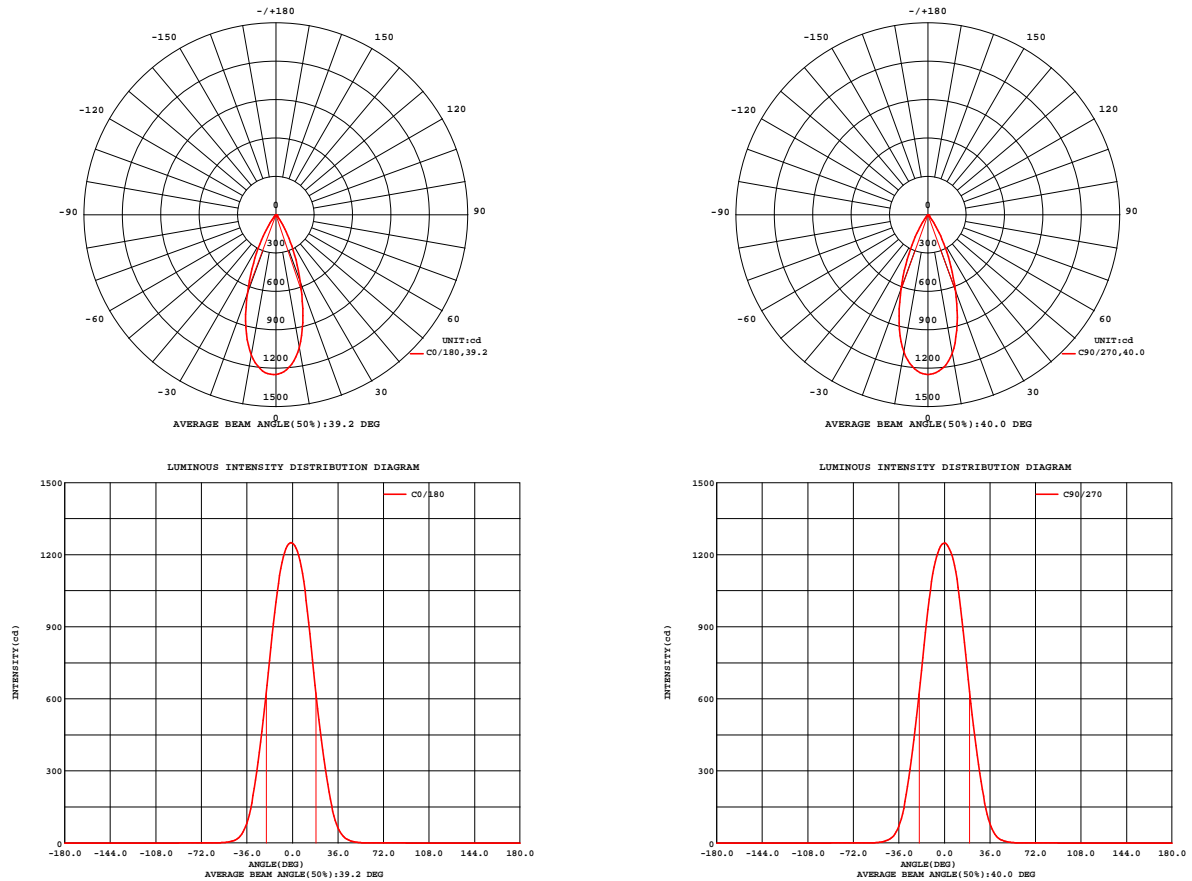


Fig. C0/C180

Fig. C90/C270

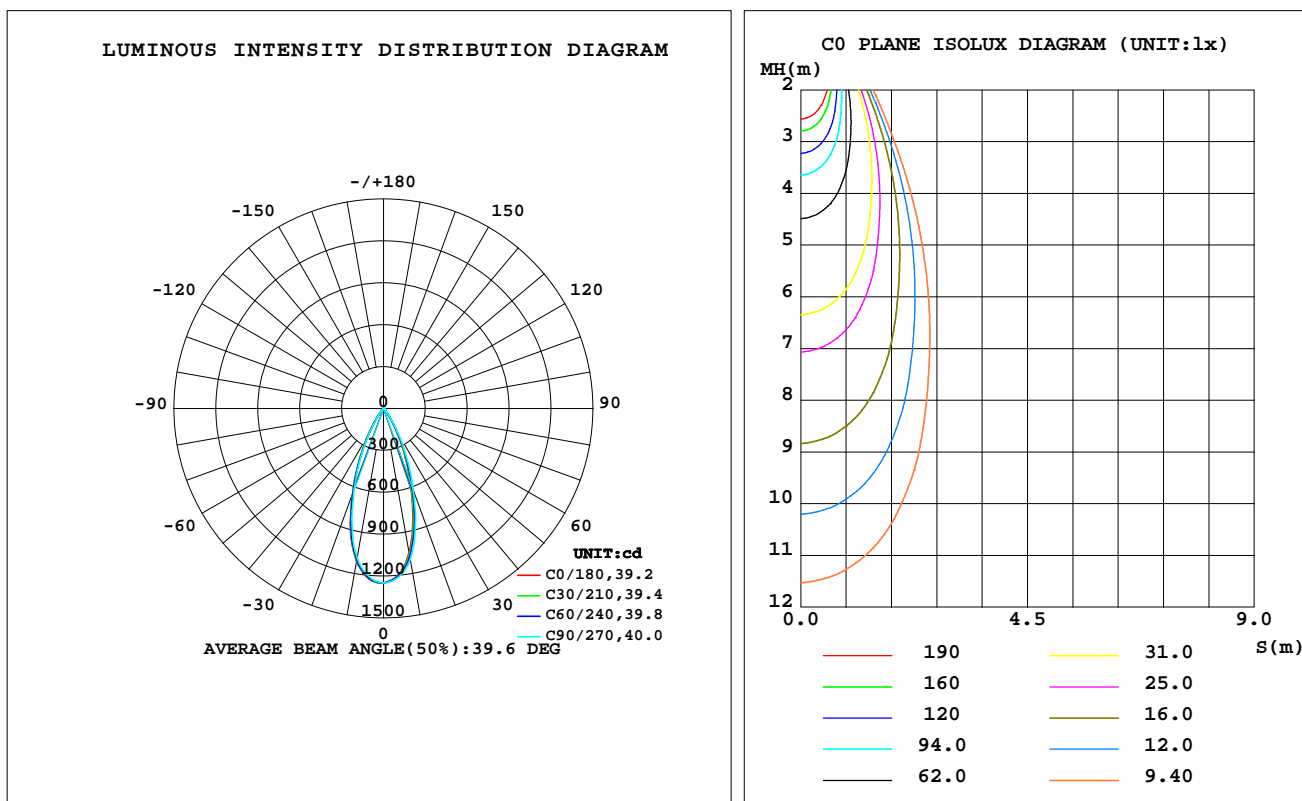
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2023-12-8

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-1084C 50R  
DRIVER: PUP10A-1WMC-350 260mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.18V I:0.1025A P:12.206W PF:0.9895 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.117-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312081435
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 49.42 lm/W			
MODEL	CREE	I <sub>max</sub> (cd)	1250	S/MH(C0/180)	0.66
NOMINAL POWER(W)	12	LOR(%)	62.9	S/MH(C90/270)	0.64
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	603.16	UP,DN(C0-180)	0.0,31.5
NOMINAL FLUX(lm)	959.178	CIE CLASS	DIRECT	UP,DN(C180-360)	0.0,31.4
LAMPS INSIDE	1	up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	down(%)	62.9	CIBSE SHR MAX	0.65



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-1084C 50R  
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	1052	1074	1098	1113	1113	1105	1088	1065	0- 10	111.7	111.7	18.5,11.6
20	559.2	586.4	629.2	654.0	655.8	642.6	616.9	577.8	10- 20	238.1	349.9	58,36.5
30	183.6	200.7	223.8	240.9	227.4	222.8	202.0	185.9	20- 30	178.7	528.5	87.6,55.1
40	29.36	32.52	37.15	40.17	37.00	34.39	30.42	28.66	30- 40	62.00	590.5	97.9,61.6
50	3.641	4.000	4.666	5.016	4.404	4.102	3.623	3.542	40- 50	10.83	601.3	99.7,62.7
60	0.3934	0.2948	0.3224	0.5355	0.6084	0.5383	0.4712	0.4565	50- 60	1.453	602.8	99.9,62.8
70	0.1087	0.1552	0.1878	0.1716	0.1778	0.1538	0.1274	0.1118	60- 70	0.2874	603.1	100,62.9
80	0.0220	0.0184	0.0245	0.0208	0.0229	0.0206	0.0211	0.0172	70- 80	0.0619	603.1	100,62.9
90	0	0	0	0	0	0	0	0	80- 90	0.0155	603.2	100,62.9
100	0	0	0	0	0	0	0	0	90-100	0	603.2	100,62.9
110	0	0	0	0	0	0	0	0	100-110	0	603.2	100,62.9
120	0	0	0	0	0	0	0	0	110-120	0	603.2	100,62.9
130	0	0	0	0	0	0	0	0	120-130	0	603.2	100,62.9
140	0	0	0	0	0	0	0	0	130-140	0	603.2	100,62.9
150	0	0	0	0	0	0	0	0	140-150	0	603.2	100,62.9
160	0	0	0	0	0	0	0	0	150-160	0	603.2	100,62.9
170	0	0	0	0	0	0	0	0	160-170	0	603.2	100,62.9
180	0	0	0	0	0	0	0	0	170-180	0	603.2	100,62.9
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-1084C 50R  
 DRIVER:PUP10A-1WMC-350 260mA  
 30minutes warm-up

### LUMINANCE LIMITATION CURVES

Test:U:120.18V I:0.1025A P:12.206W PF:0.9895 Freq:59.98Hz  
Lamp Flux:959.178x1 lm

NAME: 2318.117-LEA-13

TYPE:

WEIGHT:

SPEC.: 3000K

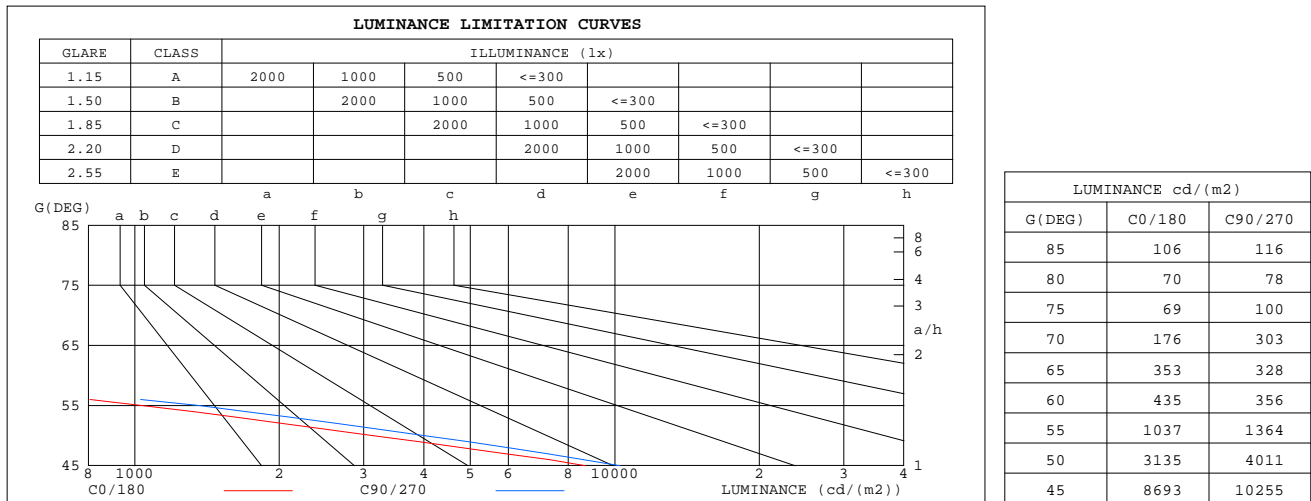
DIM.:

SERIAL No.: 2312081435

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-1084C 50R  
DRIVER:PUP10A-1WMC-350 260mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.18V I:0.1025A P:12.206W PF:0.9895 Freq:59.98Hz  
Lamp Flux:959.178x1 lm

NAME: 2318.117-LEA-13

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

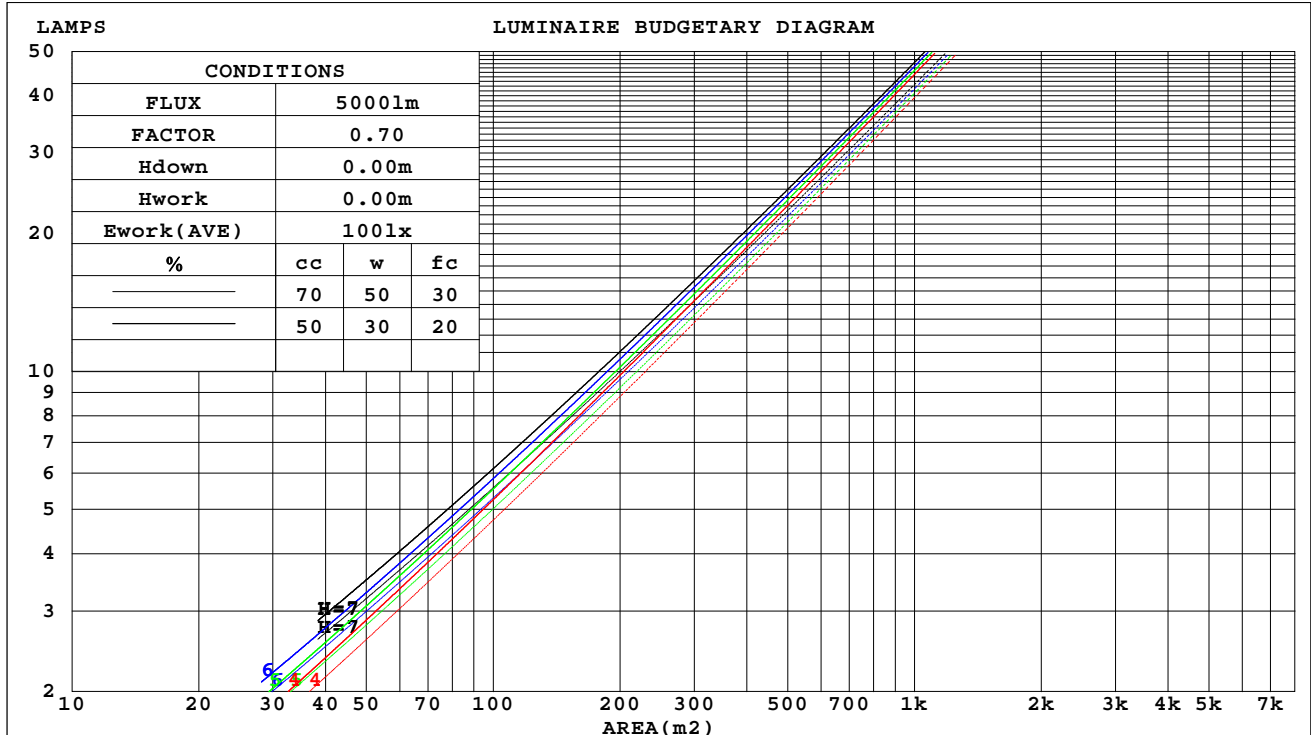
SERIAL No.: 2312081435

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 Coefficients of Utilization(CU)															
0.0	.75	.75	.75	.73	.73	.73	.70	.70	.70	.67	.67	.67	.64	.64	.64	.63
1.0	.70	.69	.68	.69	.68	.67	.66	.66	.65	.64	.63	.63	.62	.61	.61	.60
2.0	.66	.64	.62	.65	.63	.62	.63	.62	.60	.61	.60	.59	.60	.59	.58	.57
3.0	.63	.60	.58	.62	.59	.57	.60	.58	.57	.59	.57	.56	.57	.56	.55	.54
4.0	.59	.57	.54	.59	.56	.54	.57	.55	.53	.56	.54	.53	.55	.53	.52	.51
5.0	.57	.53	.51	.56	.53	.51	.55	.52	.50	.54	.52	.50	.53	.51	.50	.49
6.0	.54	.51	.48	.53	.50	.48	.52	.50	.48	.52	.49	.48	.51	.49	.47	.46
7.0	.51	.48	.46	.51	.48	.46	.50	.48	.46	.49	.47	.45	.49	.47	.45	.44
8.0	.49	.46	.44	.49	.46	.44	.48	.45	.43	.47	.45	.43	.47	.45	.43	.42
9.0	.47	.44	.42	.47	.44	.42	.46	.43	.41	.46	.43	.41	.45	.43	.41	.41
10.0	.45	.42	.40	.45	.42	.40	.44	.42	.40	.44	.41	.40	.43	.41	.40	.39



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-1084C 50R  
DRIVER:PUP10A-1WMC-350 260mA  
30minutes warm-up

### WEC AND CCEC

Test:U:120.18V I:0.1025A P:12.206W PF:0.9895 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.117-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312081435
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	.098	.056	.018	.094	.054	.017	.086	.049	.016	.079	.046	.015	.072	.042	.014	
2.0	.093	.051	.016	.089	.049	.015	.083	.046	.014	.077	.043	.013	.071	.040	.013	
3.0	.088	.047	.014	.085	.045	.014	.079	.043	.013	.074	.041	.012	.069	.038	.012	
4.0	.083	.043	.013	.081	.042	.012	.076	.040	.012	.072	.038	.012	.068	.037	.011	
5.0	.079	.040	.012	.077	.039	.012	.073	.038	.011	.069	.036	.011	.066	.035	.011	
6.0	.075	.038	.011	.074	.037	.011	.070	.036	.010	.067	.035	.010	.064	.033	.010	
7.0	.072	.036	.010	.070	.035	.010	.067	.034	.010	.064	.033	.010	.062	.032	.009	
8.0	.069	.034	.009	.068	.033	.009	.065	.032	.009	.062	.032	.009	.060	.031	.009	
9.0	.066	.032	.009	.065	.032	.009	.063	.031	.009	.060	.030	.009	.058	.029	.009	
10.0	.064	.031	.008	.063	.030	.008	.060	.030	.008	.058	.029	.008	.056	.028	.008	

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	.120	.120	.120	.102	.102	.102	.070	.070	.070	.040	.040	.040	.013	.013	.013	
1.0	.107	.099	.092	.091	.085	.079	.062	.058	.055	.036	.034	.032	.012	.011	.010	
2.0	.096	.083	.073	.082	.072	.063	.056	.050	.044	.033	.029	.026	.010	.009	.008	
3.0	.088	.071	.058	.075	.062	.051	.052	.043	.035	.030	.025	.021	.010	.008	.007	
4.0	.081	.062	.048	.069	.053	.041	.048	.037	.029	.027	.022	.017	.009	.007	.006	
5.0	.075	.054	.039	.064	.047	.034	.044	.033	.024	.026	.019	.014	.008	.006	.005	
6.0	.069	.048	.033	.060	.042	.029	.041	.029	.020	.024	.017	.012	.008	.006	.004	
7.0	.065	.043	.028	.056	.038	.024	.039	.026	.017	.023	.016	.010	.007	.005	.003	
8.0	.061	.039	.024	.053	.034	.021	.037	.024	.015	.021	.014	.009	.007	.005	.003	
9.0	.058	.036	.021	.050	.031	.018	.035	.022	.013	.020	.013	.008	.007	.004	.003	
10.0	.055	.033	.018	.048	.029	.016	.033	.020	.011	.019	.012	.007	.006	.004	.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-1084C 50R  
DRIVER:PUP10A-1WMC-350 260mA  
30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:120.18V I:0.1025A P:12.206W PF:0.9895 Freq:59.98Hz Lamp Flux:959.178x1 lm										
NAME: 2318.117-LEA-13					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2312081435		
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	14.7	15.5	14.9	15.7	15.8	15.6	16.4	15.8	16.6	16.7
3H	14.6	15.3	14.8	15.5	15.7	15.5	16.2	15.7	16.4	16.6
4H	14.5	15.2	14.7	15.4	15.6	15.4	16.1	15.7	16.3	16.5
6H	14.4	15.0	14.7	15.3	15.5	15.3	16.0	15.6	16.2	16.4
8H	14.3	15.0	14.6	15.2	15.5	15.3	15.9	15.6	16.1	16.4
12H	14.3	14.9	14.6	15.2	15.4	15.2	15.8	15.5	16.1	16.3
4H 2H	14.5	15.2	14.7	15.4	15.6	15.4	16.1	15.7	16.3	16.5
3H	14.3	14.9	14.6	15.2	15.4	15.2	15.8	15.5	16.1	16.4
4H	14.2	14.8	14.5	15.0	15.4	15.1	15.7	15.5	16.0	16.3
6H	14.1	14.6	14.5	14.9	15.3	15.0	15.5	15.4	15.8	16.2
8H	14.1	14.5	14.4	14.9	15.2	15.0	15.4	15.4	15.8	16.1
12H	14.0	14.4	14.4	14.8	15.2	14.9	15.3	15.3	15.7	16.1
8H 4H	14.1	14.5	14.4	14.9	15.2	15.0	15.4	15.4	15.8	16.1
6H	13.9	14.3	14.4	14.7	15.1	14.9	15.2	15.3	15.6	16.0
8H	13.9	14.2	14.3	14.6	15.1	14.8	15.1	15.2	15.5	16.0
12H	13.8	14.1	14.3	14.5	15.0	14.7	15.0	15.2	15.5	15.9
12H 4H	14.0	14.4	14.4	14.8	15.2	14.9	15.3	15.3	15.7	16.1
6H	13.9	14.2	14.3	14.6	15.1	14.8	15.1	15.2	15.5	16.0
8H	13.8	14.1	14.3	14.5	15.0	14.7	15.0	15.2	15.5	15.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.7 / -19.0					+ 4.3 / -19.3				
1.5H	+ 6.1 / -15.8					+ 6.7 / -16.2				
2.0H	+ 7.3 / -13.1					+ 7.5 / -14.2				

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-1084C 50R  
DRIVER:PUP10A-1WMC-350 260mA  
30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:120.18V I:0.1025A P:12.206W PF:0.9895 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.117-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312081435
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

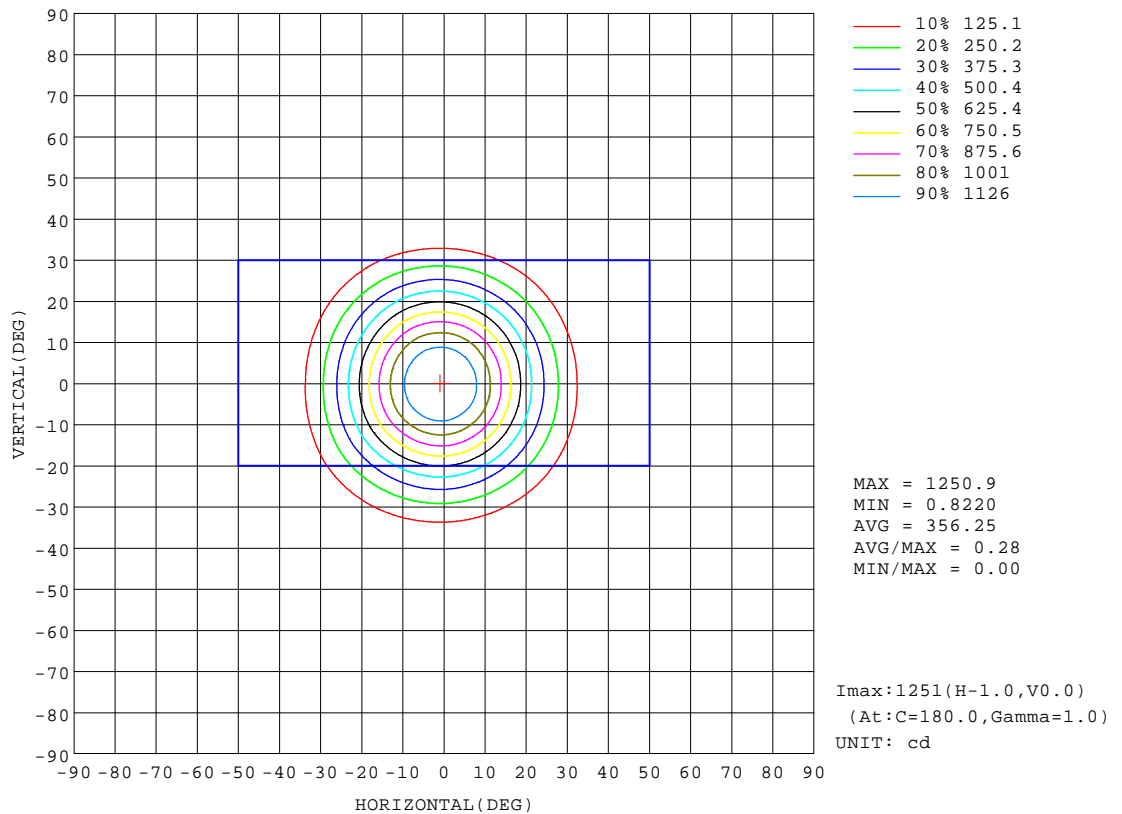
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	53	51	56	53	51	56	53	51	49
0.80	61	58	56	61	58	56	60	57	55	53
1.00	64	60	58	63	60	58	62	60	58	56
1.25	66	63	61	65	63	61	64	62	60	58
1.50	68	65	63	67	64	63	65	63	62	59
2.00	69	67	65	68	66	64	66	65	63	60
2.50	70	68	66	69	67	65	67	65	64	61
3.00	71	69	67	70	68	67	68	66	65	61
4.00	72	70	69	71	69	68	68	67	67	62
5.00	73	71	70	71	70	69	69	68	67	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: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-1084C 50R  
DRIVER:PUP10A-1WMC-350 260mA  
30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:120.18V I:0.1025A P:12.206W PF:0.9895 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.117-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312081435
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

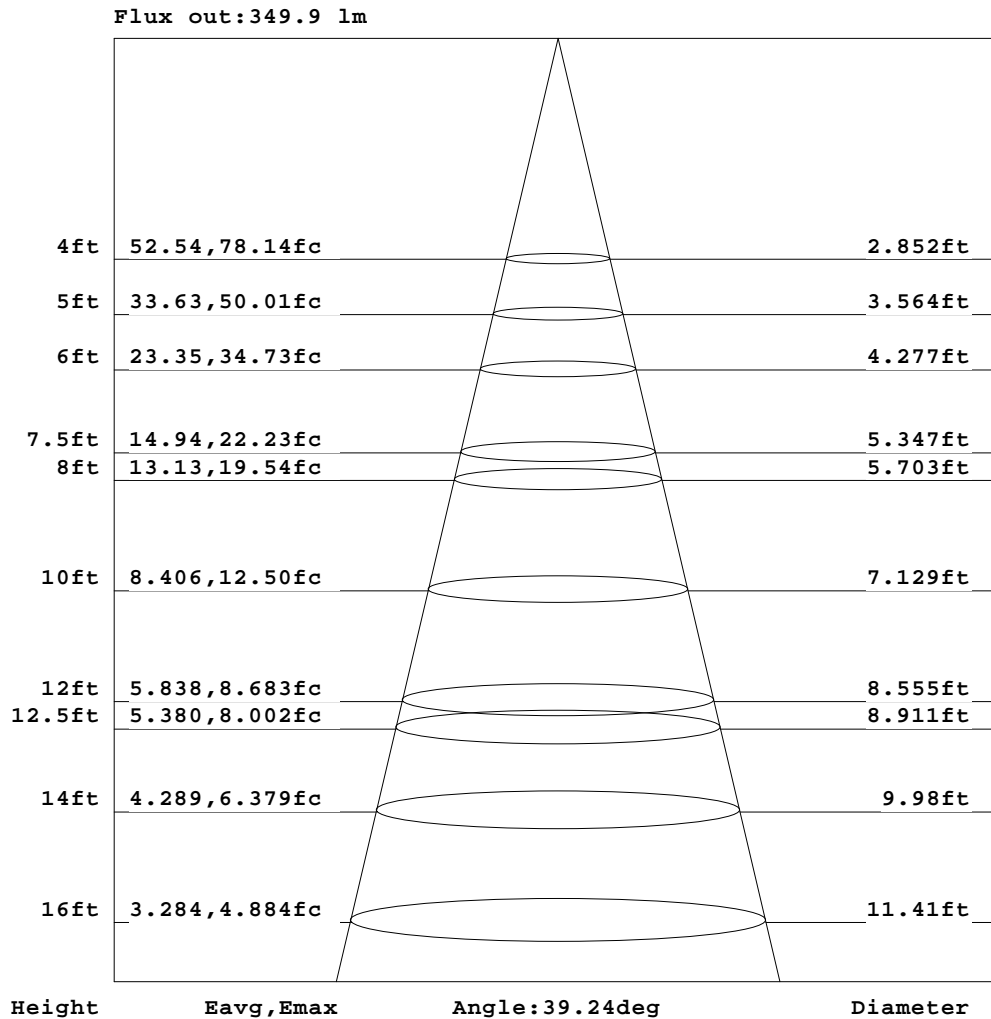


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-12-8

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-1084C 50R  
DRIVER:PUP10A-1WMC-350 260mA  
30minutes warm-up

## AAI Figure

Test:U:120.18V I:0.1025A P:12.206W PF:0.9895 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.117-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312081435
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:



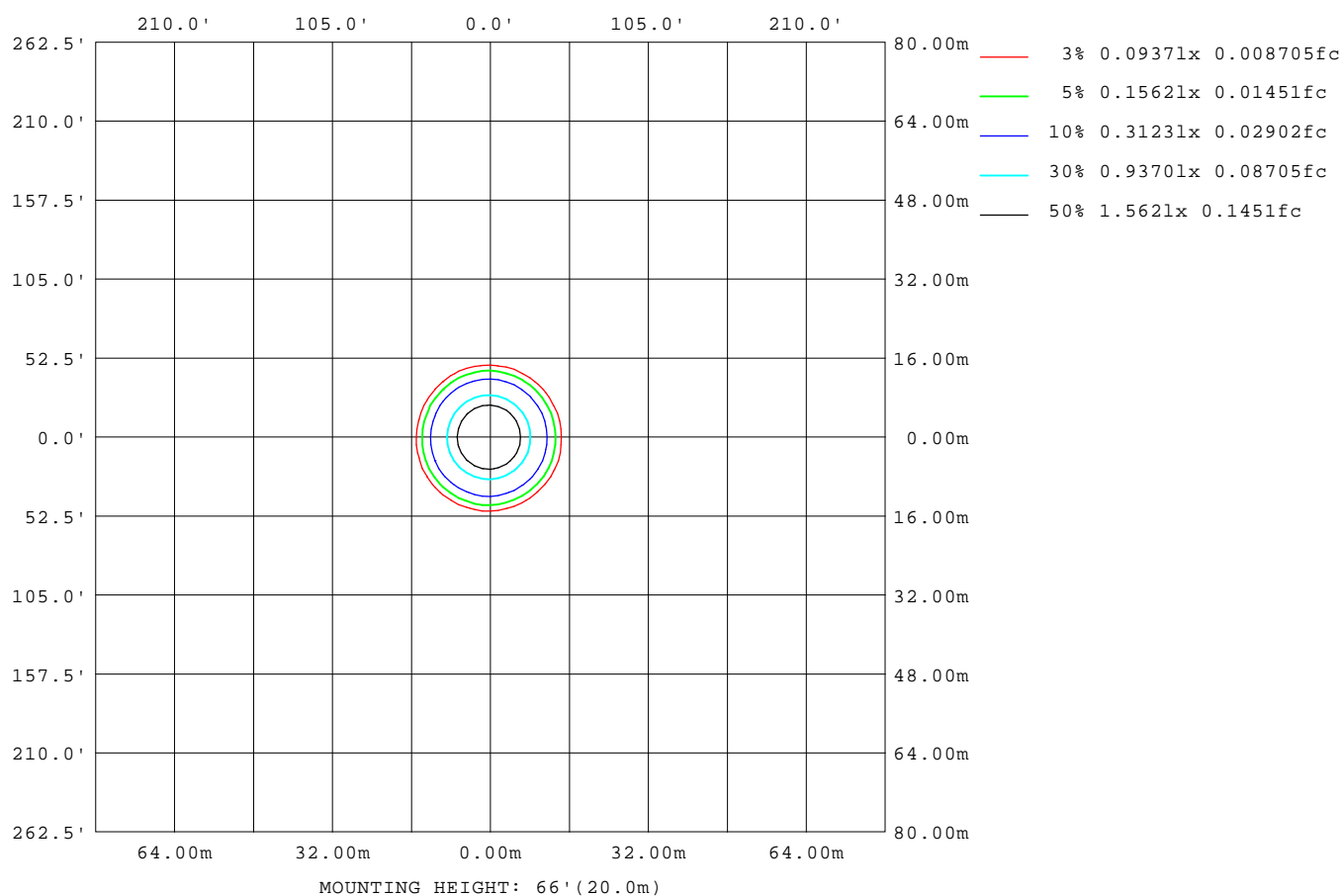
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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-1084C 50R  
DRIVER:PUP10A-1WMC-350 260mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:120.18V I:0.1025A P:12.206W PF:0.9895 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.117-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312081435
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-1084C 50R  
DRIVER:PUP10A-1WMC-350 260mA  
30minutes warm-up

## LED Avg.L Report

Test:U:120.18V I:0.1025A P:12.206W PF:0.9895 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.117-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312081435
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

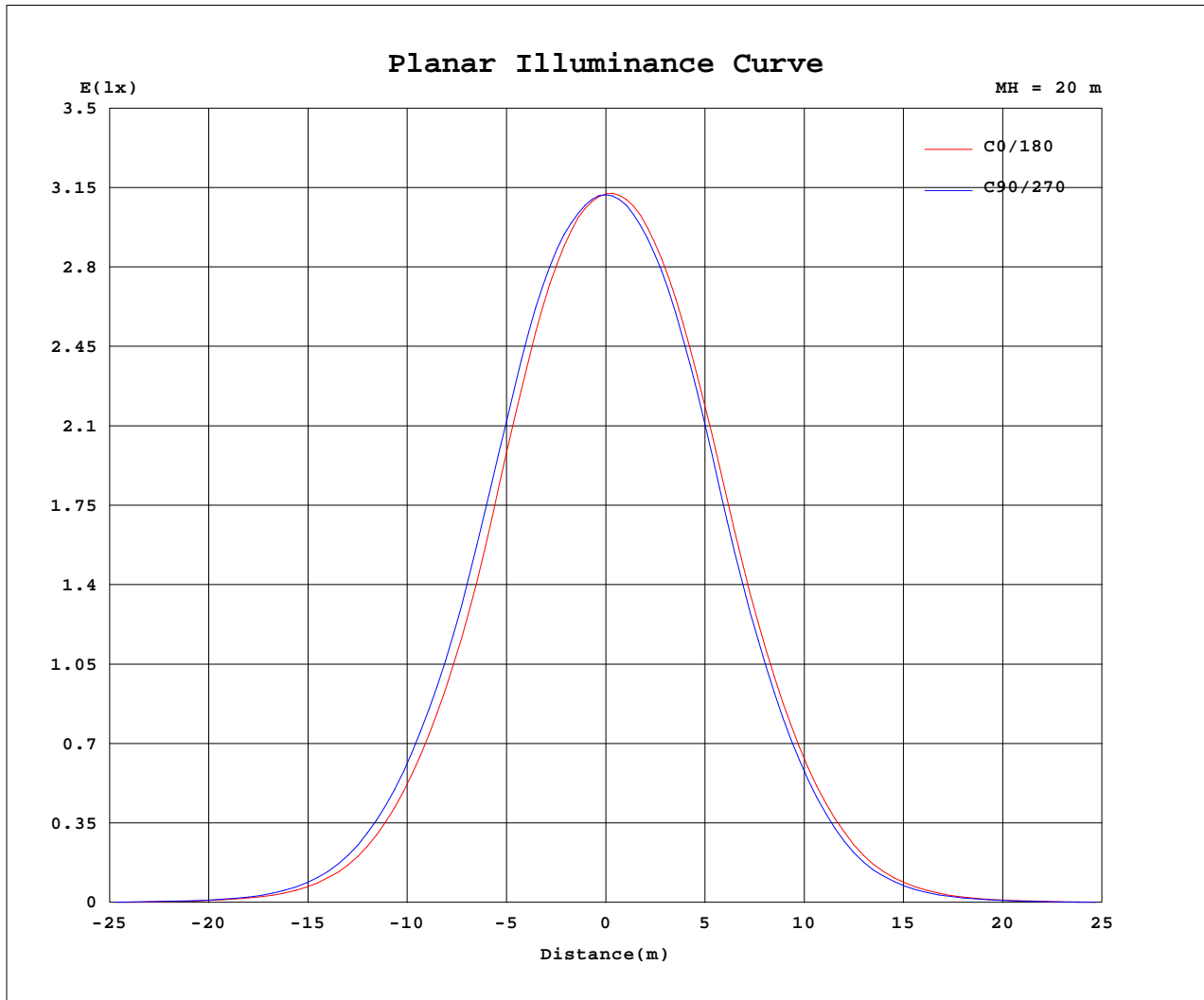
AvgL	cd/m2
L_0~180(65)av	412
L_0~180(75)av	102
L_0~180(85)av	113
L_90~270(65)av	355
L_90~270(75)av	94
L_90~270(85)av	116
L_45(65)av	386
L_45(75)av	96
L_45(85)av	80

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

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-1084C 50R  
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-1084C 50R  
 DRIVER: PUP10A-1WMC-350 260mA  
 30minutes warm-up

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.18V I:0.1025A P:12.206W PF:0.9895 Freq:59.98Hz Lamp Flux:959.178x1 lm		
NAME: 2318.117-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312081435
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	1248	1248	1248	1248	1248	1248	1248	1248	1248	1248	1248	1248						
5	1196	1203	1205	1212	1218	1223	1225	1219	1216	1208	1201	1195						
10	1052	1067	1081	1098	1109	1117	1113	1108	1102	1088	1073	1057						
15	817	836	860	884	901	919	913	906	901	875	854	828						
20	559	574	599	629	645	663	656	645	640	617	588	567						
25	349	362	379	406	419	436	420	414	407	387	363	352						
30	184	196	205	224	235	247	227	227	219	202	189	183						
35	79.6	85.1	90.9	99.7	106	110	99.1	95.8	92.4	85.4	79.1	77.5						
40	29.4	31.6	33.4	37.2	39.8	40.5	37.0	34.6	34.2	30.4	29.1	28.3						
45	11.1	11.7	12.3	13.1	14.0	14.0	12.8	12.1	12.5	11.3	11.0	10.7						
50	3.64	3.84	4.16	4.67	5.04	5.00	4.40	4.17	4.03	3.62	3.60	3.48						
55	1.07	1.04	1.15	1.42	1.63	1.75	1.64	1.50	1.41	1.24	1.14	1.08						
60	0.39	0.30	0.29	0.32	0.46	0.61	0.61	0.56	0.52	0.47	0.46	0.45						
65	0.27	0.25	0.25	0.25	0.30	0.37	0.36	0.34	0.32	0.29	0.27	0.26						
70	0.11	0.13	0.18	0.19	0.17	0.18	0.18	0.16	0.15	0.13	0.12	0.11						
75	0.03	0.03	0.04	0.05	0.06	0.06	0.06	0.06	0.05	0.04	0.03	0.03						
80	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02						
85	0.02	0.01	0.01	0.02	0.02	0.02	0.02	0.01	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  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-12-8

Range: 0 - 180DEG  
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