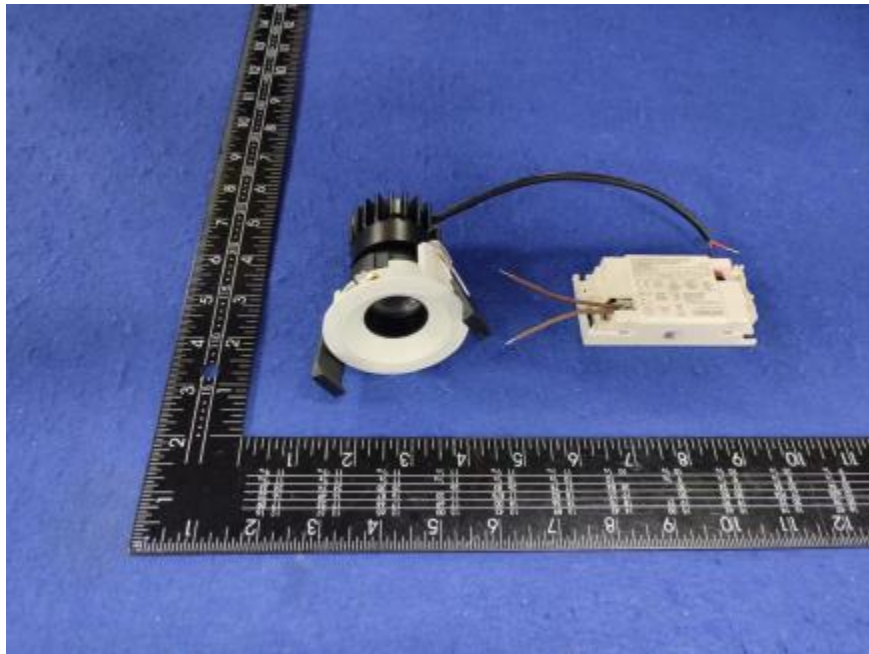


Luminaire Photograph



Light Output Ratio:	43.5%	
Luminaire Power:	10.47 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: 2023-12-13

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: LEMENT 10/220-240/250 250mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

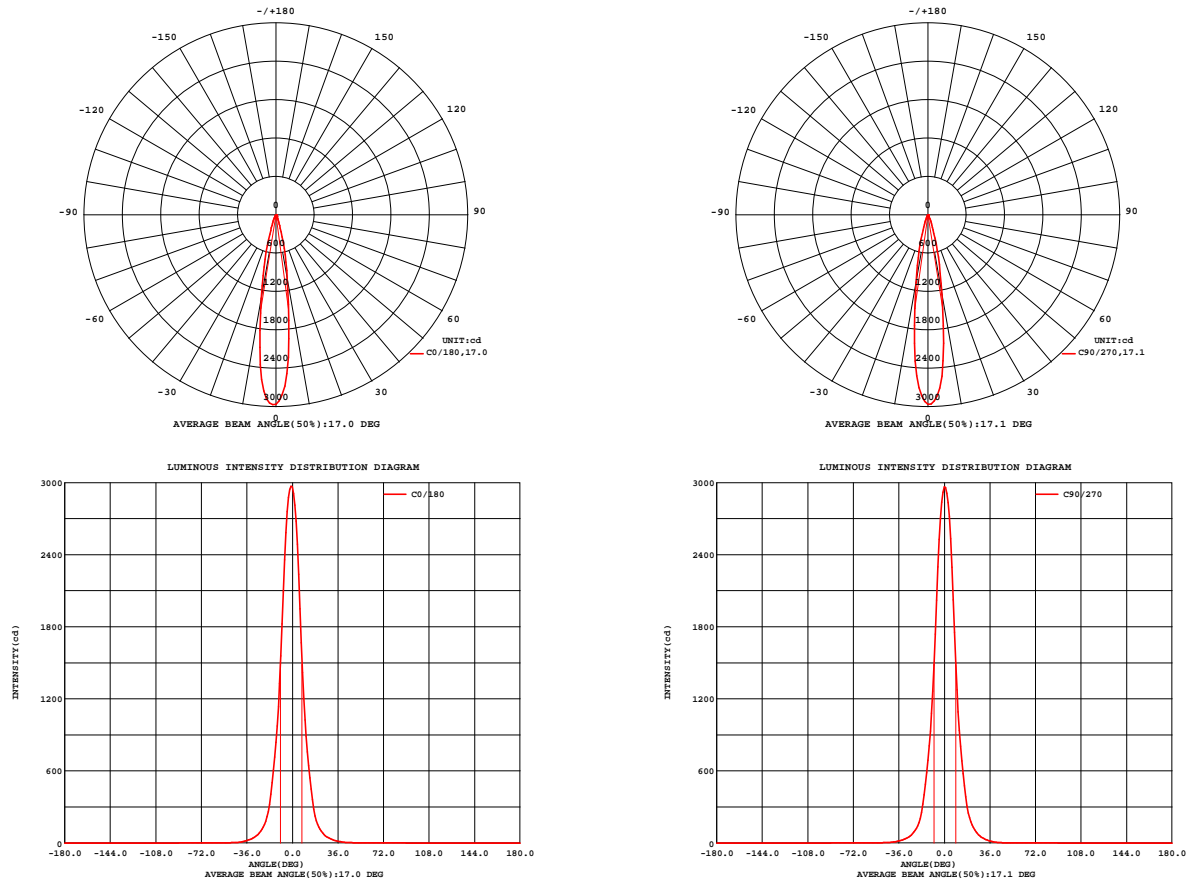


Fig. C0/C180

Fig. C90/C270

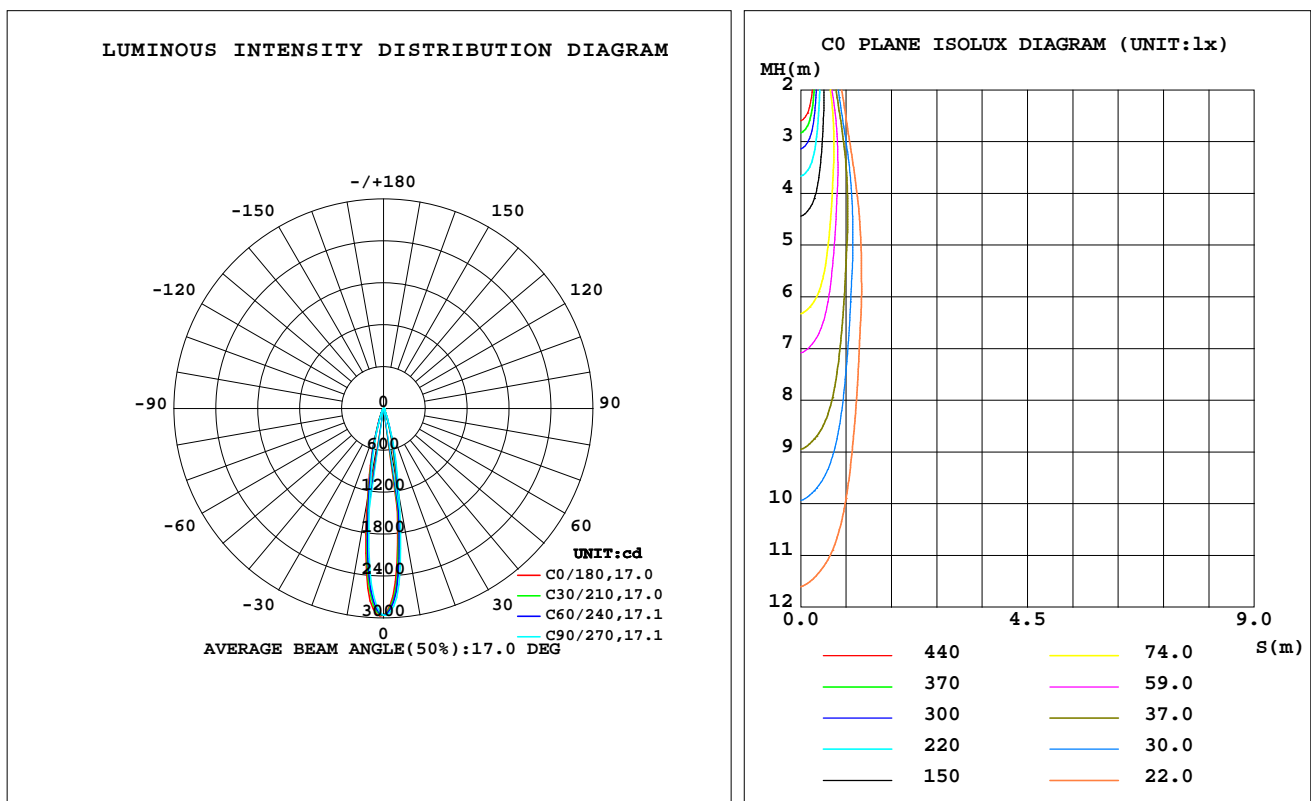
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-12-13

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: LEMENT 10/220-240/250 250mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.23V I:0.0494A P:10.468W PF:0.9587 Freq:49.99Hz Lamp Flux:906.647x1 lm		
NAME: 2318.117-ACOT-68	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312131444
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 37.65 lm/W			
MODEL	CREE	Imax(cd)	2980	S/MH(C0/180)	0.32
NOMINAL POWER(W)	11	LOR(%)	43.5	S/MH(C90/270)	0.28
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	394.10	η UP,DN(C0-180)	0.0,22.3
NOMINAL FLUX(lm)	906.647	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,21.1
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	η down(%)	43.5	CIBSE SHR MAX	0.30



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-13

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:LEMENT 10/220-240/250 250mA
30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1025	1134	1274	1373	1329	1216	1081	997.5	0- 10	186.0	186.0	47.2,20.5
20	154.5	174.1	213.1	226.8	220.0	194.4	169.9	150.0	10- 20	148.3	334.4	84.8,36.9
30	35.01	37.06	43.54	48.61	46.67	42.68	38.21	34.53	20- 30	41.59	376.0	95.4,41.5
40	7.461	7.096	7.851	9.570	9.984	9.513	8.660	7.582	30- 40	13.32	389.3	98.8,42.9
50	2.293	2.132	1.925	2.067	2.451	2.453	2.389	2.282	40- 50	2.996	392.3	99.5,43.3
60	0.6611	0.4556	0.4266	0.5539	0.7487	0.7385	0.6946	0.6666	50- 60	1.333	393.6	99.9,43.4
70	0.1865	0.1918	0.2285	0.2281	0.2385	0.2383	0.2134	0.1923	60- 70	0.3962	394.0	100,43.5
80	0.0226	0.0180	0.0183	0.0160	0.0226	0.0177	0.0208	0.0143	70- 80	0.0838	394.1	100,43.5
90	0	0	0	0	0	0	0	0	80- 90	0.0100	394.1	100,43.5
100	0	0	0	0	0	0	0	0	90-100	0	394.1	100,43.5
110	0	0	0	0	0	0	0	0	100-110	0	394.1	100,43.5
120	0	0	0	0	0	0	0	0	110-120	0	394.1	100,43.5
130	0	0	0	0	0	0	0	0	120-130	0	394.1	100,43.5
140	0	0	0	0	0	0	0	0	130-140	0	394.1	100,43.5
150	0	0	0	0	0	0	0	0	140-150	0	394.1	100,43.5
160	0	0	0	0	0	0	0	0	150-160	0	394.1	100,43.5
170	0	0	0	0	0	0	0	0	160-170	0	394.1	100,43.5
180	0	0	0	0	0	0	0	0	170-180	0	394.1	100,43.5
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-13

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:LEMENT 10/220-240/250 250mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:220.23V I:0.0494A P:10.468W PF:0.9587 Freq:49.99Hz
Lamp Flux:906.647x1 lm

NAME: 2318.117-ACOT-68

TYPE:

WEIGHT:

SPEC.: 3000K

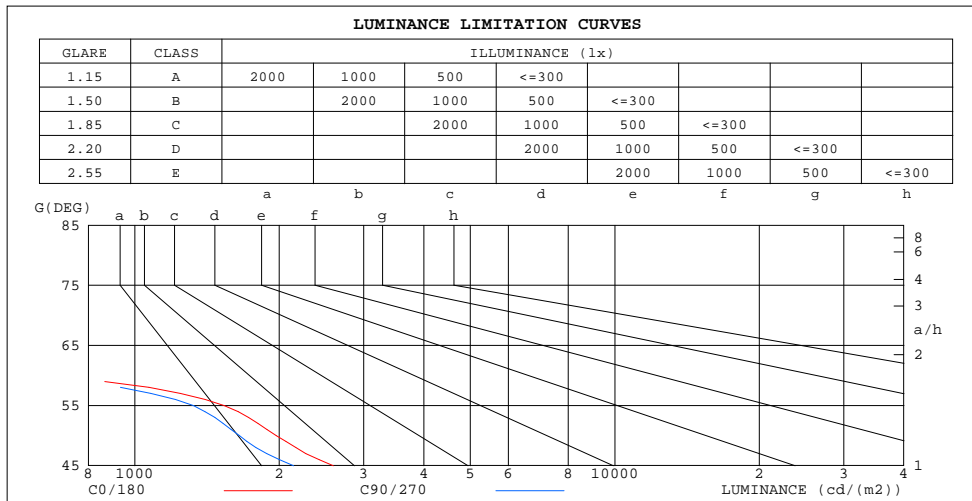
DIM.:

SERIAL No.: 2312131444

MFR.: RISE

SUR.: 0.00180864m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	83	77
80	72	58
75	97	122
70	302	369
65	547	381
60	731	471
55	1536	1325
50	1972	1653
45	2592	2143

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-13

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:LEMENT 10/220-240/250 250mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.23V I:0.0494A P:10.468W PF:0.9587 Freq:49.99Hz
Lamp Flux:906.647x1 lm

NAME: 2318.117-ACOT-68

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

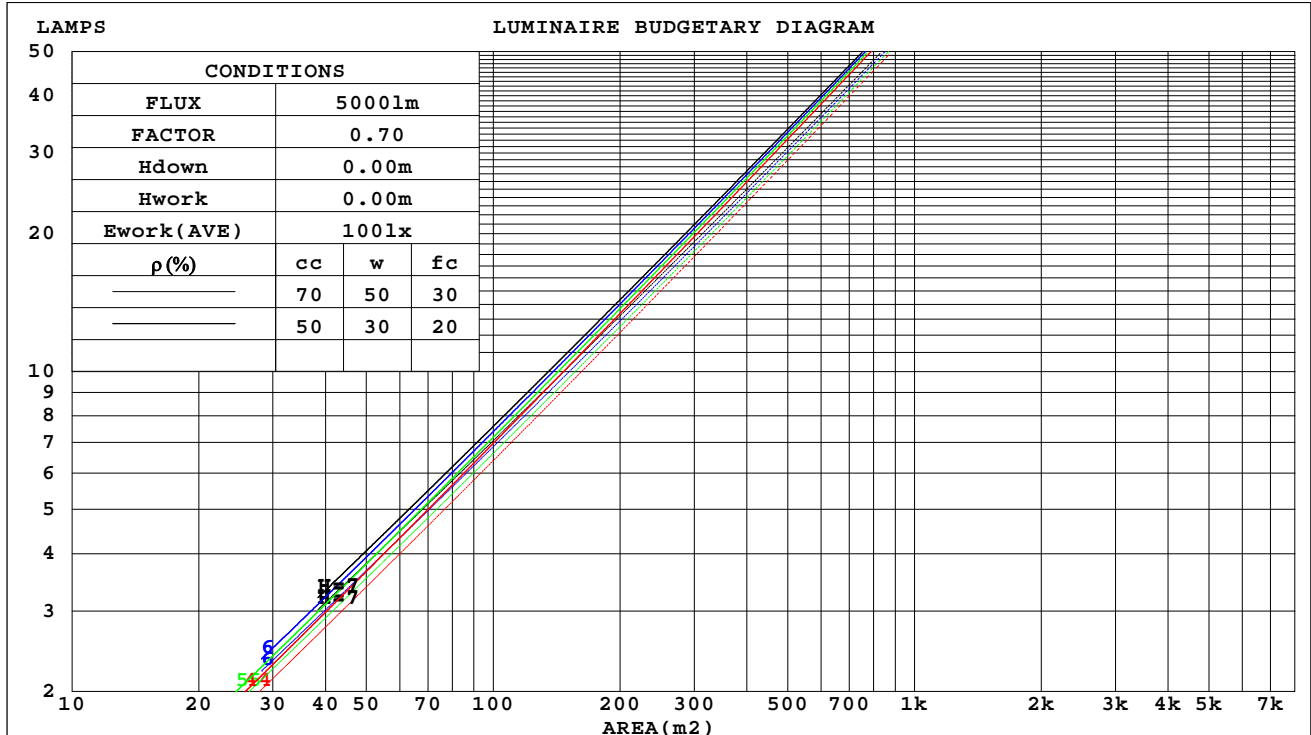
SERIAL No.: 2312131444

MFR.: RISE

SUR.: 0.00180864m2

Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	.52	.52	.52	.51	.51	.51	.48	.48	.48	.46	.46	.46	.44	.44	.44	.43
1.0	.49	.48	.48	.48	.48	.47	.47	.46	.46	.45	.45	.44	.44	.43	.43	.42
2.0	.47	.46	.45	.46	.45	.44	.45	.44	.44	.44	.43	.43	.43	.42	.42	.41
3.0	.45	.44	.43	.45	.44	.42	.44	.43	.42	.43	.42	.41	.42	.41	.41	.40
4.0	.44	.42	.41	.43	.42	.41	.43	.41	.40	.42	.41	.40	.41	.40	.39	.39
5.0	.42	.41	.40	.42	.41	.39	.41	.40	.39	.41	.40	.39	.40	.39	.39	.38
6.0	.41	.40	.38	.41	.39	.38	.40	.39	.38	.40	.39	.38	.39	.38	.38	.37
7.0	.40	.38	.37	.40	.38	.37	.39	.38	.37	.39	.38	.37	.39	.38	.37	.36
8.0	.39	.37	.36	.39	.37	.36	.39	.37	.36	.38	.37	.36	.38	.37	.36	.36
9.0	.38	.37	.36	.38	.37	.35	.38	.36	.35	.37	.36	.35	.37	.36	.35	.35
10.0	.37	.36	.35	.37	.36	.35	.37	.36	.35	.37	.35	.35	.36	.35	.34	.34



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-13

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:LEMENT 10/220-240/250 250mA
30minutes warm-up

WEC AND CCEC

Test:U:220.23V I:0.0494A P:10.468W PF:0.9587 Freq:49.99Hz Lamp Flux:906.647x1 lm		
NAME: 2318.117-ACOT-68	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312131444
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	.056	.032	.010	.053	.030	.010	.047	.027	.009	.043	.025	.008	.038	.022	.007	
2.0	.051	.028	.009	.049	.027	.008	.045	.025	.008	.040	.023	.007	.037	.021	.007	
3.0	.048	.025	.008	.046	.024	.007	.042	.023	.007	.039	.021	.006	.035	.020	.006	
4.0	.044	.023	.007	.043	.022	.007	.040	.021	.006	.037	.020	.006	.034	.019	.006	
5.0	.042	.021	.006	.040	.021	.006	.038	.020	.006	.035	.019	.006	.033	.018	.005	
6.0	.039	.020	.006	.038	.019	.006	.036	.018	.005	.034	.017	.005	.032	.017	.005	
7.0	.037	.018	.005	.036	.018	.005	.034	.017	.005	.032	.017	.005	.031	.016	.005	
8.0	.035	.017	.005	.034	.017	.005	.033	.016	.005	.031	.016	.005	.030	.015	.004	
9.0	.033	.016	.005	.033	.016	.004	.031	.015	.004	.030	.015	.004	.029	.015	.004	
10.0	.032	.015	.004	.031	.015	.004	.030	.015	.004	.029	.014	.004	.028	.014	.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	.083	.083	.083	.071	.071	.071	.048	.048	.048	.028	.028	.028	.009	.009	.009		
1.0	.073	.069	.065	.062	.059	.056	.043	.040	.038	.025	.023	.022	.008	.008	.007		
2.0	.065	.058	.052	.055	.050	.045	.038	.034	.031	.022	.020	.018	.007	.006	.006		
3.0	.058	.049	.042	.050	.042	.037	.034	.029	.026	.020	.017	.015	.006	.006	.005		
4.0	.052	.042	.035	.045	.037	.030	.031	.026	.021	.018	.015	.013	.006	.005	.004		
5.0	.048	.037	.029	.041	.032	.025	.028	.022	.018	.016	.013	.011	.005	.004	.004		
6.0	.044	.033	.025	.038	.028	.022	.026	.020	.015	.015	.012	.009	.005	.004	.003		
7.0	.040	.029	.021	.035	.025	.018	.024	.018	.013	.014	.010	.008	.004	.003	.003		
8.0	.037	.026	.018	.032	.023	.016	.022	.016	.011	.013	.009	.007	.004	.003	.002		
9.0	.035	.024	.016	.030	.020	.014	.021	.014	.010	.012	.008	.006	.004	.003	.002		
10.0	.033	.021	.014	.028	.019	.012	.019	.013	.009	.011	.008	.005	.004	.003	.002		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-13

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:LEMENT 10/220-240/250 250mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:220.23V I:0.0494A P:10.468W PF:0.9587 Freq:49.99Hz Lamp Flux:906.647x1 lm										
NAME: 2318.117-ACOT-68					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2312131444		
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	6.2	6.7	6.4	6.9	7.0	6.5	7.1	6.7	7.2	7.4
3H	6.1	6.6	6.3	6.8	7.0	6.4	7.0	6.6	7.1	7.3
4H	6.0	6.5	6.2	6.7	6.9	6.3	6.9	6.6	7.1	7.3
6H	5.9	6.4	6.2	6.6	6.9	6.2	6.7	6.5	7.0	7.2
8H	5.9	6.4	6.2	6.6	6.8	6.2	6.7	6.5	6.9	7.2
12H	5.8	6.3	6.1	6.5	6.8	6.2	6.6	6.5	6.9	7.1
4H 2H	6.0	6.5	6.3	6.7	6.9	6.3	6.9	6.6	7.1	7.3
3H	5.9	6.4	6.2	6.6	6.9	6.2	6.7	6.5	6.9	7.2
4H	5.8	6.2	6.1	6.5	6.8	6.1	6.6	6.5	6.8	7.1
6H	5.7	6.1	6.1	6.4	6.7	6.0	6.4	6.4	6.7	7.1
8H	5.6	6.0	6.0	6.3	6.7	6.0	6.3	6.4	6.7	7.0
12H	5.6	5.9	6.0	6.3	6.7	5.9	6.2	6.3	6.6	7.0
8H 4H	5.6	6.0	6.0	6.3	6.7	6.0	6.3	6.4	6.7	7.0
6H	5.5	5.8	5.9	6.2	6.6	5.9	6.2	6.3	6.5	7.0
8H	5.5	5.7	5.9	6.1	6.6	5.8	6.1	6.2	6.5	6.9
12H	5.4	5.6	5.9	6.1	6.5	5.7	6.0	6.2	6.4	6.9
12H 4H	5.6	5.9	6.0	6.3	6.7	5.9	6.2	6.3	6.6	7.0
6H	5.5	5.7	5.9	6.1	6.6	5.8	6.1	6.2	6.5	6.9
8H	5.4	5.6	5.9	6.1	6.5	5.7	6.0	6.2	6.4	6.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.5 / - 5.8					+ 4.0 / - 6.9				
1.5H	+ 5.2 / - 3.4					+ 5.9 / - 4.1				
2.0H	+ 3.1 / - 5.6					+ 2.9 / - 6.9				

CIE Pub.117, 906.6 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.3)
Area: 0.00180864 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-13

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:LEMENT 10/220-240/250 250mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:220.23V I:0.0494A P:10.468W PF:0.9587 Freq:49.99Hz Lamp Flux:906.647x1 lm		
NAME: 2318.117-ACOT-68	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312131444
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

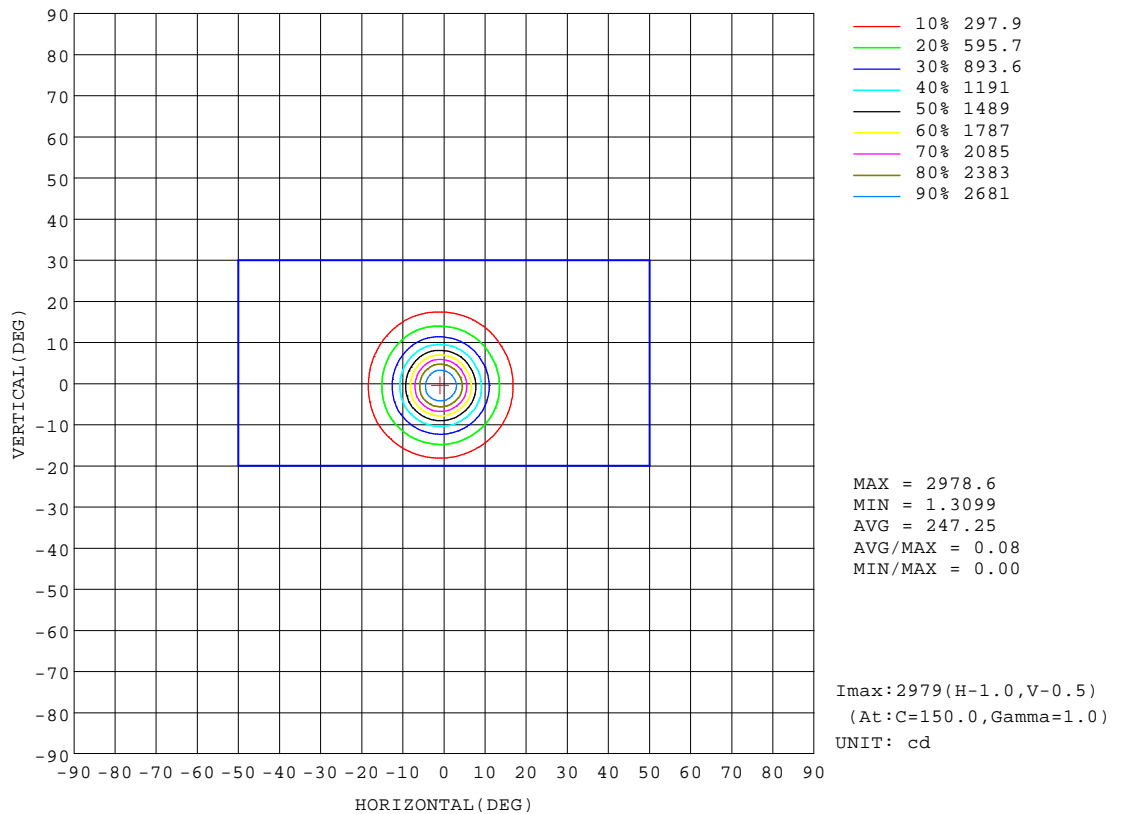
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	39	37	35	39	37	35	39	37	35	34
0.80	42	40	39	42	40	39	42	40	39	37
1.00	44	42	41	44	42	40	43	42	40	39
1.25	46	44	42	45	43	42	44	43	42	40
1.50	47	45	44	46	45	43	45	44	43	41
2.00	48	46	45	47	46	44	46	45	44	42
2.50	48	47	46	48	46	45	46	45	44	42
3.00	49	48	47	48	47	46	47	46	45	42
4.00	50	49	48	49	48	47	47	47	46	43
5.00	50	49	49	49	49	48	48	47	47	43
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°C
Operators:zoe
Test Date:2023-12-13

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:LEMENT 10/220-240/250 250mA
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:220.23V I:0.0494A P:10.468W PF:0.9587 Freq:49.99Hz Lamp Flux:906.647x1 lm		
NAME: 2318.117-ACOT-68	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312131444
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

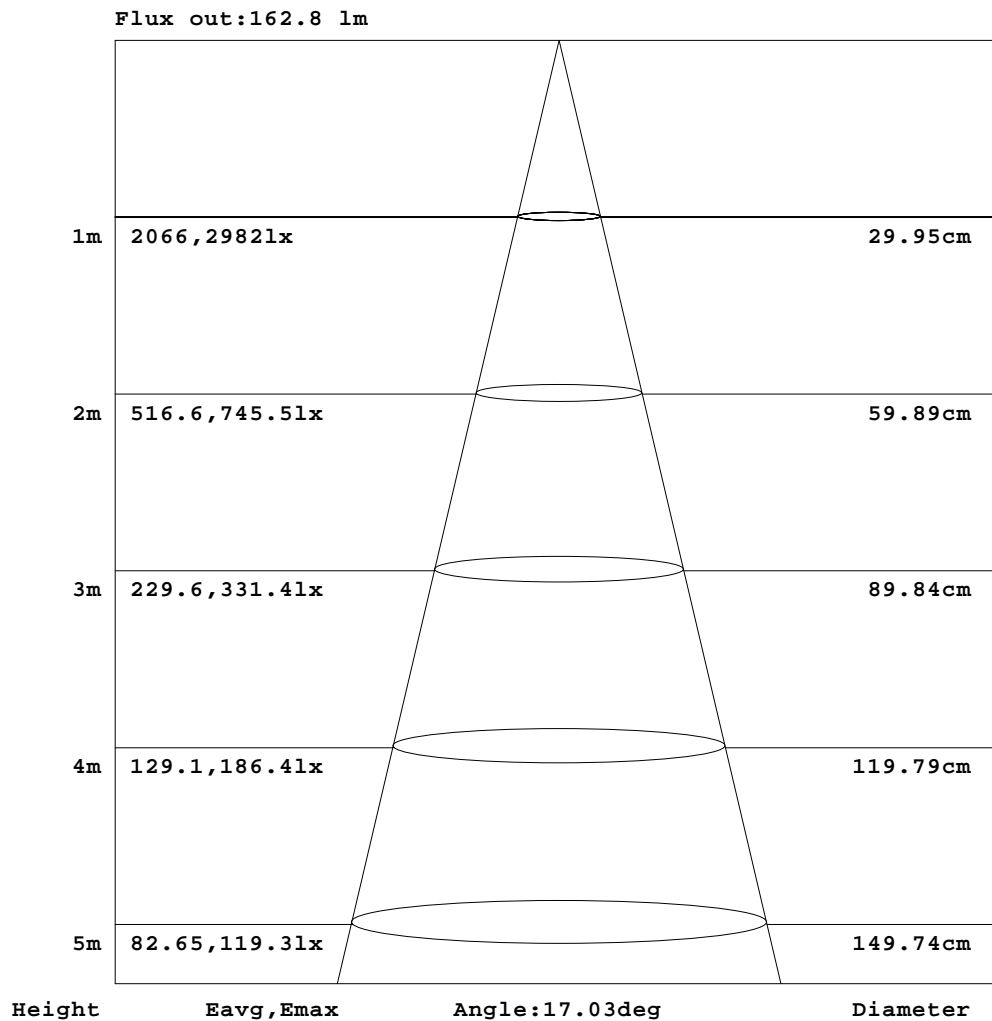


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-12-13

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: LEMENT 10/220-240/250 250mA
30minutes warm-up

AAI Figure

Test:U:220.23V I:0.0494A P:10.468W PF:0.9587 Freq:49.99Hz Lamp Flux:906.647x1 lm		
NAME: 2318.117-ACOT-68	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312131444
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:



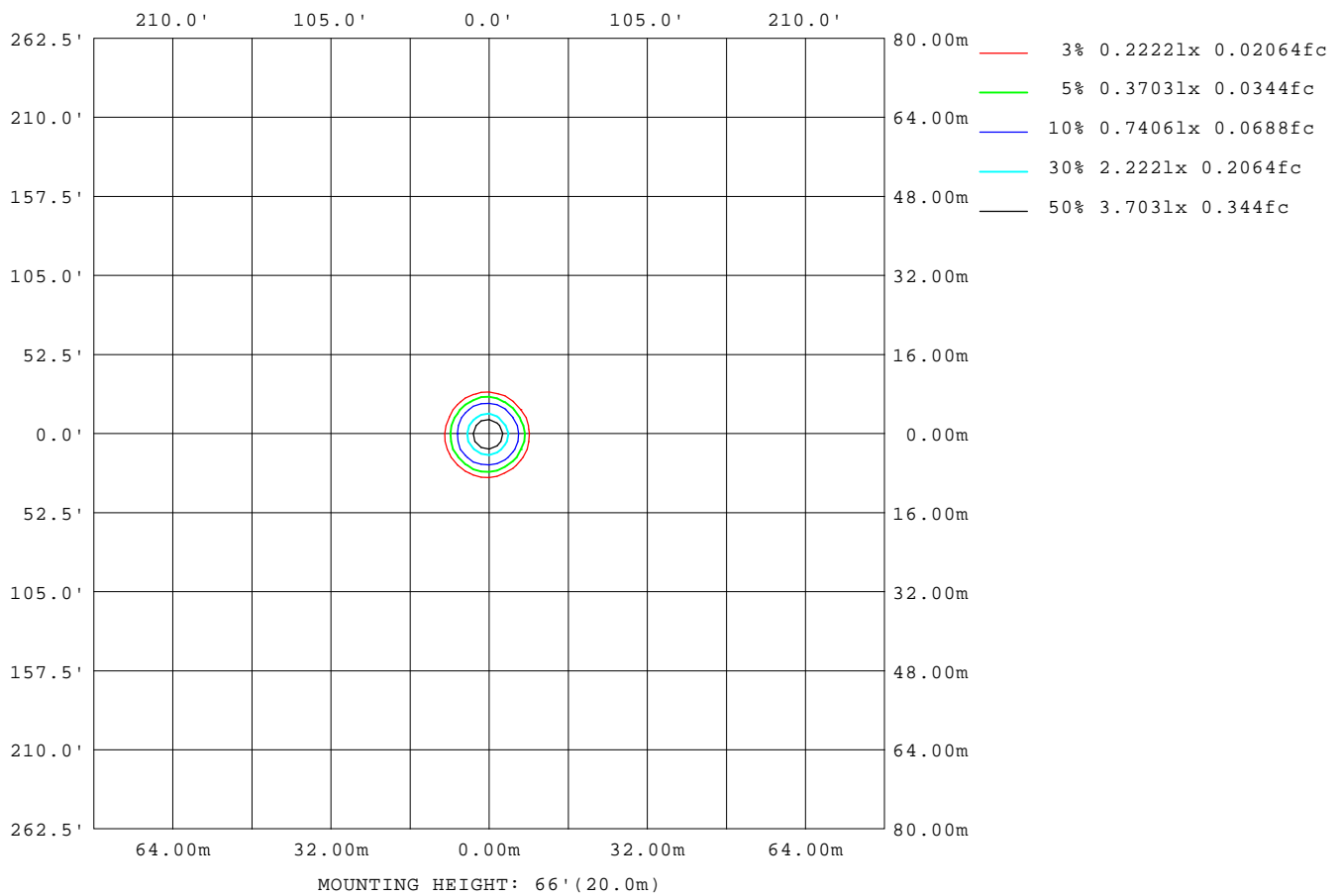
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-13

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:LEMENT 10/220-240/250 250mA
30minutes warm-up

ISOLUX DIAGRAM

Test:U:220.23V I:0.0494A P:10.468W PF:0.9587 Freq:49.99Hz Lamp Flux:906.647x1 lm		
NAME: 2318.117-ACOT-68	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312131444
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:2023-12-13

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:LEMENT 10/220-240/250 250mA
30minutes warm-up

LED Avg.L Report

Test:U:220.23V I:0.0494A P:10.468W PF:0.9587 Freq:49.99Hz Lamp Flux:906.647x1 lm		
NAME: 2318.117-ACOT-68	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312131444
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

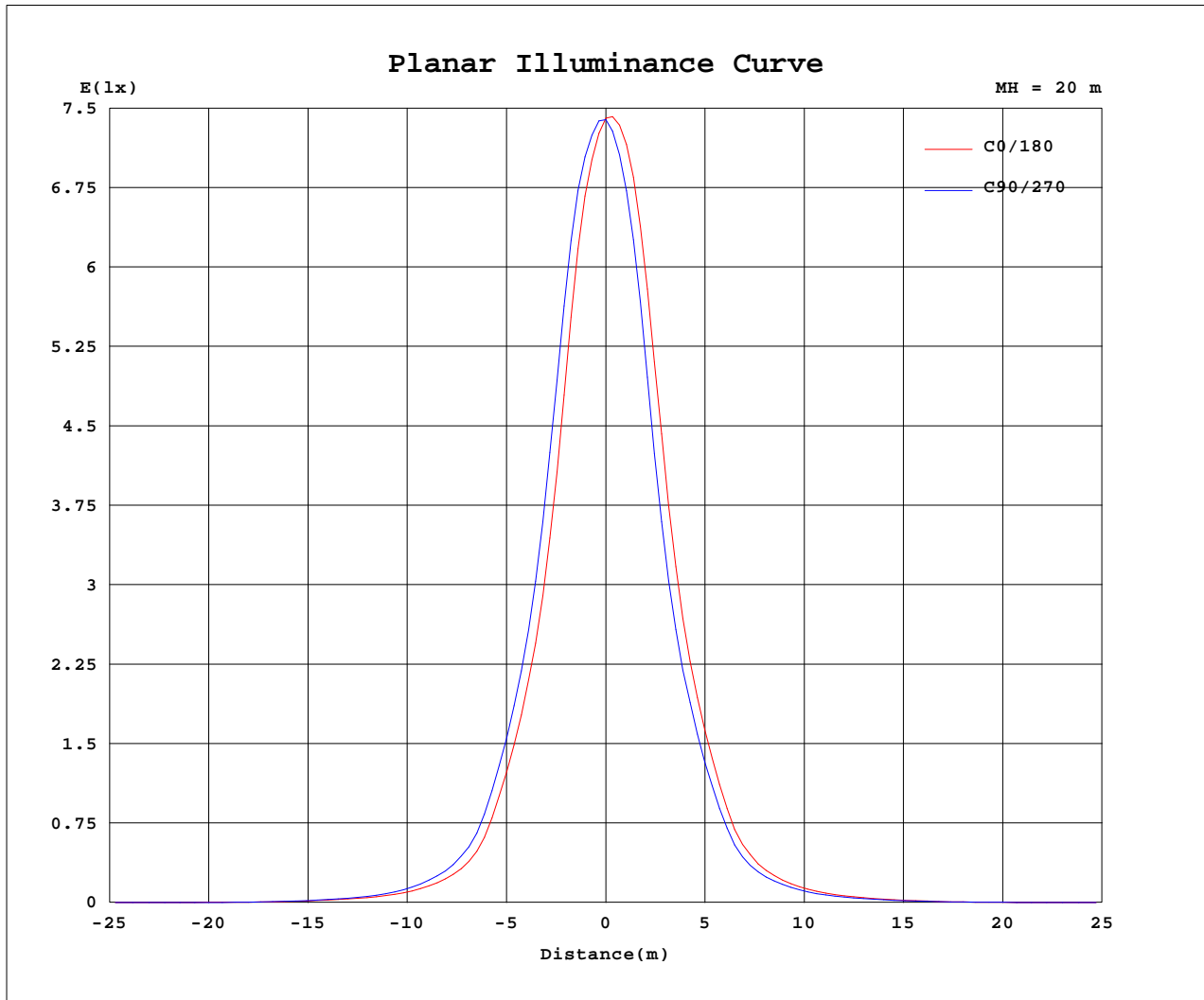
AvgL	cd/m2
L_0~180(65)av	591
L_0~180(75)av	134
L_0~180(85)av	94
L_90~270(65)av	483
L_90~270(75)av	131
L_90~270(85)av	76
L_45(65)av	523
L_45(75)av	127
L_45(85)av	42

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-13

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:LEMENT 10/220-240/250 250mA
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: 2023-12-13

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: LEMENT 10/220-240/250 250mA
 30minutes warm-up

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.23V I:0.0494A P:10.468W PF:0.9587 Freq:49.99Hz Lamp Flux:906.647x1 lm		
NAME: 2318.117-ACOT-68	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312131444
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	2963	2963	2963	2963	2963	2963	2963	2963	2963	2963	2963	2963						
5	2237	2332	2416	2533	2618	2650	2582	2496	2415	2297	2207	2162						
10	1025	1103	1164	1274	1349	1397	1329	1245	1187	1081	1018	977						
15	448	485	520	577	615	637	605	572	550	490	451	425						
20	155	167	181	213	224	230	220	200	189	170	155	145						
25	71.1	76.3	82.7	95.1	103	105	96.7	90.4	85.5	77.5	71.4	67.3						
30	35.0	36.1	38.0	43.5	47.7	49.5	46.7	43.6	41.7	38.2	35.5	33.6						
35	17.9	18.1	18.3	20.9	23.2	24.6	24.1	22.6	21.4	19.8	18.6	17.3						
40	7.46	7.18	7.01	7.85	9.14	9.99	9.98	9.78	9.25	8.66	7.89	7.28						
45	3.32	3.08	2.85	2.75	2.90	3.33	3.63	3.71	3.66	3.53	3.42	3.30						
50	2.29	2.24	2.03	1.92	1.92	2.22	2.45	2.47	2.44	2.39	2.33	2.24						
55	1.59	1.62	1.47	1.38	1.33	1.53	1.68	1.70	1.67	1.64	1.57	1.49						
60	0.66	0.52	0.39	0.43	0.48	0.63	0.75	0.74	0.73	0.69	0.67	0.67						
65	0.42	0.38	0.31	0.29	0.32	0.41	0.49	0.49	0.47	0.45	0.42	0.41						
70	0.19	0.18	0.20	0.23	0.23	0.23	0.24	0.25	0.23	0.21	0.20	0.19						
75	0.05	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.07	0.07	0.05	0.05						
80	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.02	0.02	0.02	0.01	0.01						
85	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.00	0.00						
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
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Operators:zoe
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