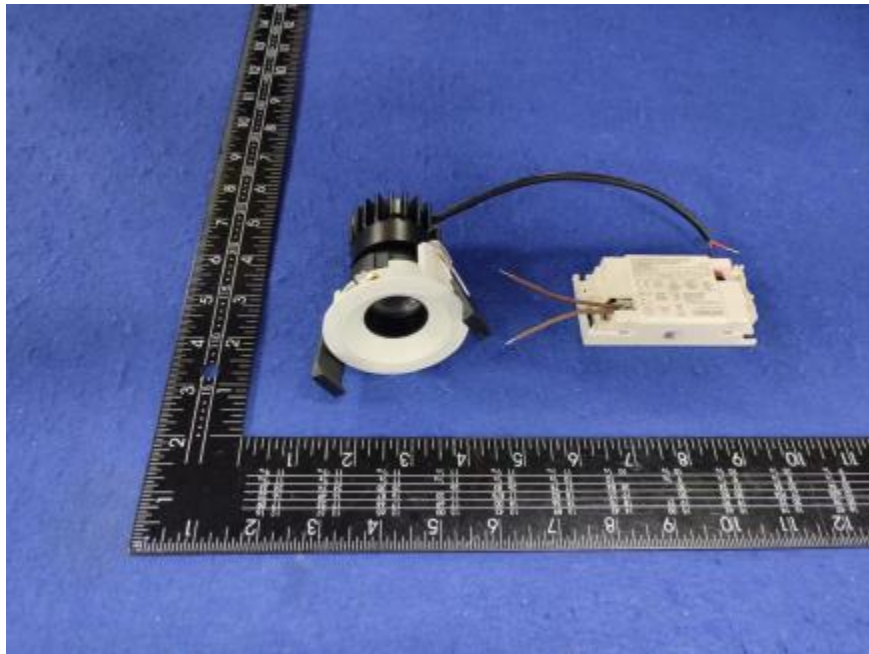


Luminaire Photograph



Light Output Ratio:	51.3%	
Luminaire Power:	10.48 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-1084A 24R
DRIVER: LEMENT 10/220-240/250 250mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

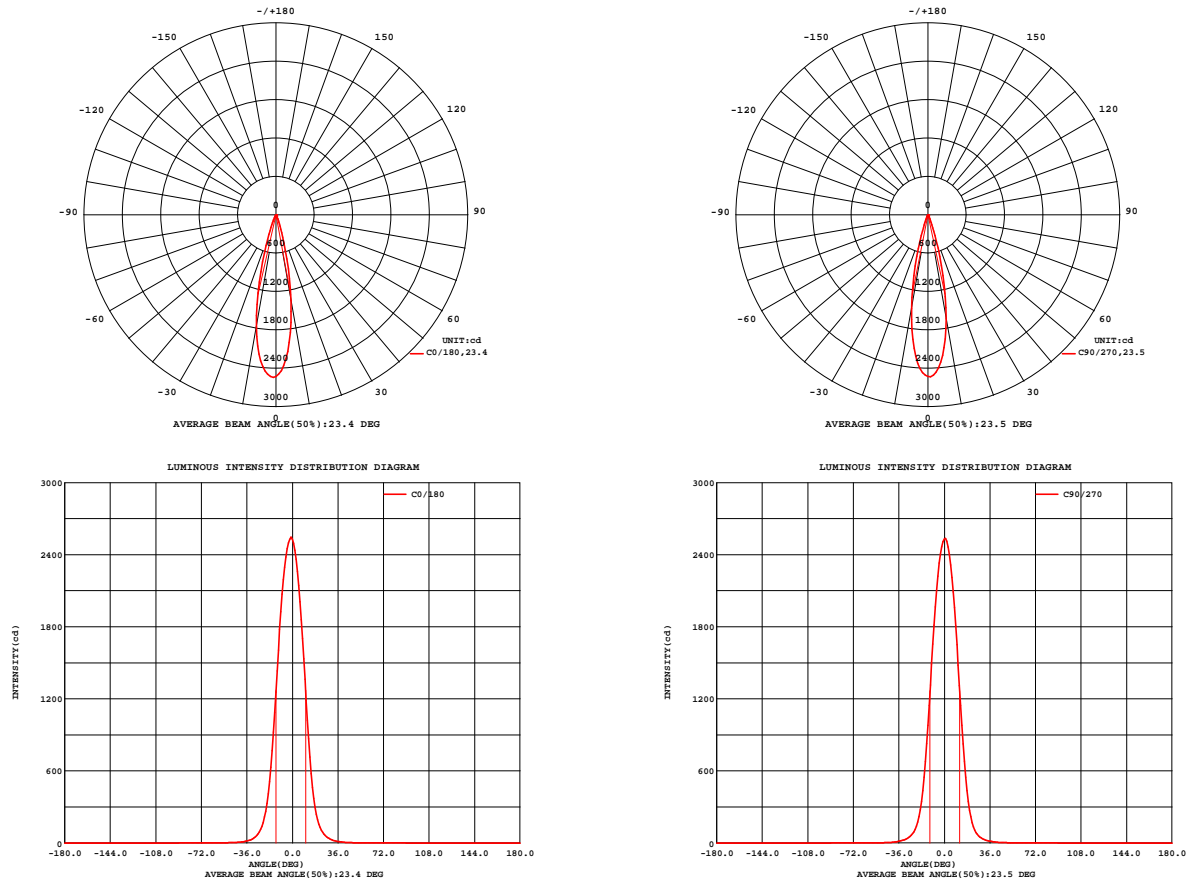


Fig. C0/C180

Fig. C90/C270

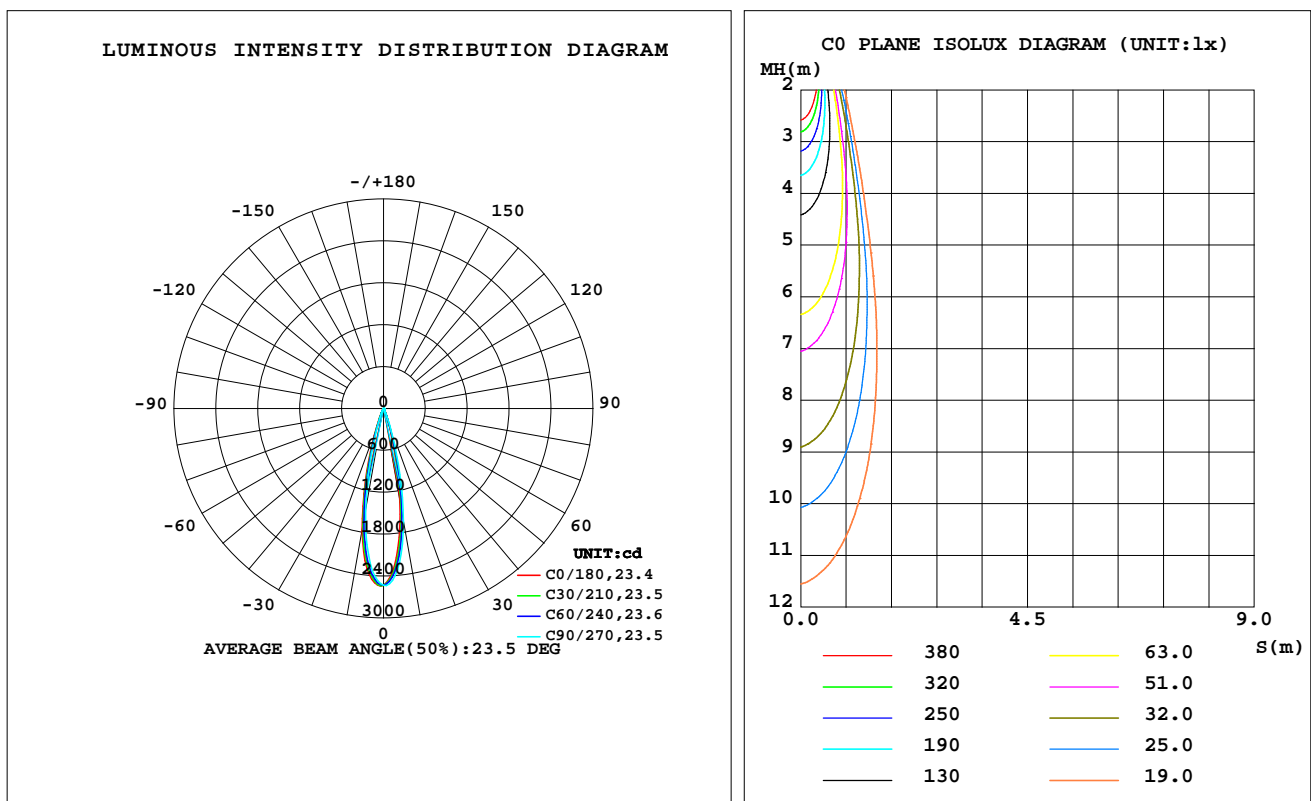
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-12-13

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-1084A 24R
DRIVER: LEMENT 10/220-240/250 250mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.24V I:0.0495A P:10.481W PF:0.9590 Freq:49.99Hz Lamp Flux:906.647x1 lm		
NAME: 2318.117-ACOT-68	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312131445
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 44.35 lm/W			
MODEL	CREE	I _{max} (cd)	2552	S/MH(C0/180)	0.42
NOMINAL POWER(W)	11	LOR(%)	51.3	S/MH(C90/270)	0.38
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	464.81	η UP,DN(C0-180)	0.0,25.9
NOMINAL FLUX(lm)	906.647	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,25.3
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	η down(%)	51.3	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-1084A 24R
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	1362	1484	1652	1768	1778	1663	1488	1364	0- 10	193.9	193.9	41.7,21.4
20	192.9	220.1	271.5	317.2	327.9	282.0	218.7	195.3	10- 20	208.1	401.9	86.5,44.3
30	31.96	33.85	36.39	40.51	43.23	39.10	33.12	31.62	20- 30	46.39	448.3	96.5,49.4
40	7.141	8.029	8.679	9.120	9.008	8.383	7.380	6.744	30- 40	11.41	459.7	98.9,50.7
50	2.199	2.418	2.593	2.986	2.774	2.325	2.118	2.101	40- 50	3.259	463.0	99.6,51.1
60	0.4881	0.5525	0.8409	1.092	0.7904	0.4077	0.2791	0.3573	50- 60	1.401	464.4	99.9,51.2
70	0.1552	0.1783	0.1973	0.2040	0.1834	0.1678	0.1625	0.1347	60- 70	0.3357	464.7	100,51.3
80	0.0241	0.0164	0.0236	0.0164	0.0219	0.0180	0.0199	0.0161	70- 80	0.0693	464.8	100,51.3
90	0	0	0	0	0	0	0	0	80- 90	0.0112	464.8	100,51.3
100	0	0	0	0	0	0	0	0	90-100	0	464.8	100,51.3
110	0	0	0	0	0	0	0	0	100-110	0	464.8	100,51.3
120	0	0	0	0	0	0	0	0	110-120	0	464.8	100,51.3
130	0	0	0	0	0	0	0	0	120-130	0	464.8	100,51.3
140	0	0	0	0	0	0	0	0	130-140	0	464.8	100,51.3
150	0	0	0	0	0	0	0	0	140-150	0	464.8	100,51.3
160	0	0	0	0	0	0	0	0	150-160	0	464.8	100,51.3
170	0	0	0	0	0	0	0	0	160-170	0	464.8	100,51.3
180	0	0	0	0	0	0	0	0	170-180	0	464.8	100,51.3
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-1084A 24R
DRIVER:LEMENT 10/220-240/250 250mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:220.24V I:0.0495A P:10.481W PF:0.9590 Freq:49.99Hz
Lamp Flux:906.647x1 lm

NAME: 2318.117-ACOT-68

TYPE:

WEIGHT:

SPEC.: 3000K

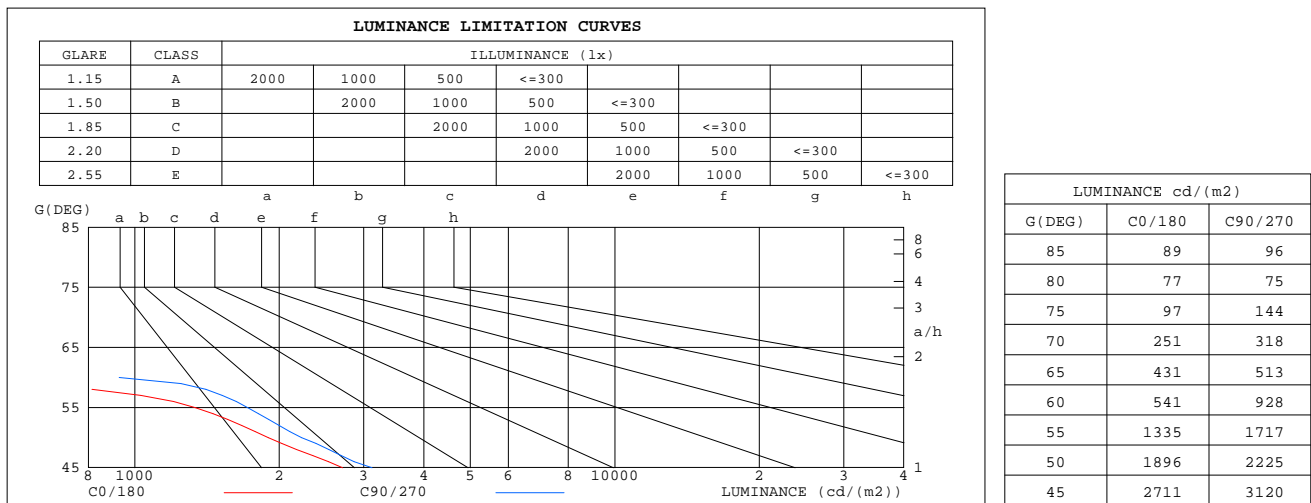
DIM.:

SERIAL No.: 2312131445

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-1084A 24R
DRIVER:LEMENT 10/220-240/250 250mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.24V I:0.0495A P:10.481W PF:0.9590 Freq:49.99Hz
Lamp Flux:906.647x1 lm

NAME: 2318.117-ACOT-68

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

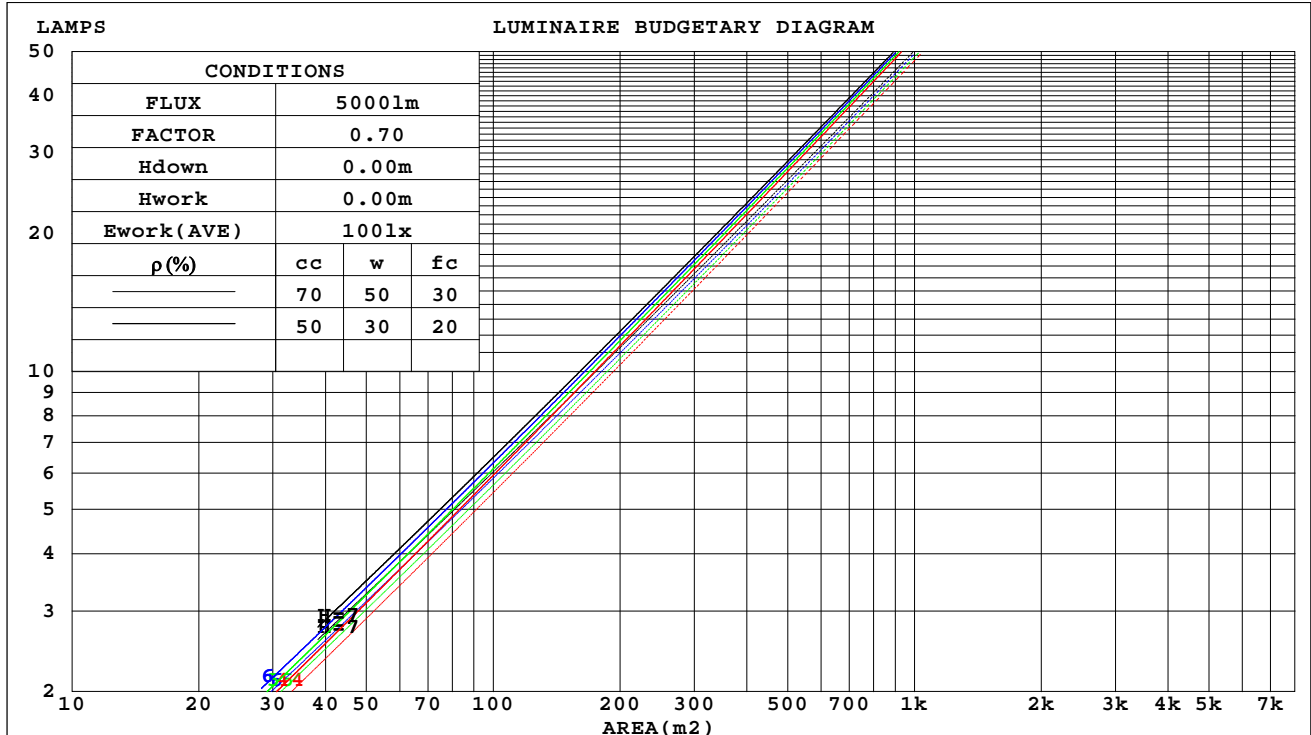
SERIAL No.: 2312131445

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	.61	.61	.61	.60	.60	.60	.57	.57	.57	.55	.55	.55	.52	.52	.52	.51
1.0	.58	.57	.56	.57	.56	.55	.55	.54	.54	.53	.53	.52	.51	.51	.51	.50
2.0	.56	.54	.53	.55	.53	.52	.53	.52	.51	.52	.51	.50	.50	.50	.49	.48
3.0	.53	.52	.50	.53	.51	.50	.51	.50	.49	.50	.49	.48	.49	.48	.48	.47
4.0	.52	.50	.48	.51	.49	.48	.50	.49	.47	.49	.48	.47	.48	.47	.46	.46
5.0	.50	.48	.46	.49	.48	.46	.49	.47	.46	.48	.47	.45	.47	.46	.45	.45
6.0	.48	.46	.45	.48	.46	.45	.47	.46	.45	.47	.45	.44	.46	.45	.44	.43
7.0	.47	.45	.44	.47	.45	.44	.46	.44	.43	.46	.44	.43	.45	.44	.43	.42
8.0	.46	.44	.42	.45	.44	.42	.45	.43	.42	.45	.43	.42	.44	.43	.42	.41
9.0	.45	.43	.41	.44	.43	.41	.44	.42	.41	.44	.42	.41	.43	.42	.41	.40
10.0	.43	.42	.40	.43	.42	.40	.43	.41	.40	.43	.41	.40	.42	.41	.40	.40



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-1084A 24R
DRIVER:LEMENT 10/220-240/250 250mA
30minutes warm-up

WEC AND CCEC

Test:U:220.24V I:0.0495A P:10.481W PF:0.9590 Freq:49.99Hz Lamp Flux:906.647x1 lm		
NAME: 2318.117-ACOT-68	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312131445
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	.067	.038	.012	.063	.036	.011	.057	.033	.010	.051	.029	.009	.046	.027	.009	
2.0	.061	.034	.010	.059	.032	.010	.053	.030	.009	.049	.027	.009	.044	.025	.008	
3.0	.057	.030	.009	.055	.029	.009	.050	.027	.008	.046	.025	.008	.043	.024	.007	
4.0	.053	.028	.008	.051	.027	.008	.048	.025	.008	.044	.024	.007	.041	.022	.007	
5.0	.050	.025	.007	.048	.025	.007	.045	.024	.007	.042	.022	.007	.040	.021	.006	
6.0	.047	.024	.007	.046	.023	.007	.043	.022	.006	.041	.021	.006	.038	.020	.006	
7.0	.045	.022	.006	.043	.022	.006	.041	.021	.006	.039	.020	.006	.037	.019	.006	
8.0	.042	.021	.006	.041	.020	.006	.039	.020	.006	.038	.019	.005	.036	.018	.005	
9.0	.040	.020	.005	.040	.019	.005	.038	.019	.005	.036	.018	.005	.035	.018	.005	
10.0	.039	.019	.005	.038	.018	.005	.036	.018	.005	.035	.017	.005	.034	.017	.005	

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	.098	.098	.098	.083	.083	.083	.057	.057	.057	.033	.033	.033	.010	.010	.010		
1.0	.086	.081	.076	.074	.069	.066	.050	.048	.045	.029	.028	.026	.009	.009	.009		
2.0	.077	.068	.061	.066	.059	.053	.045	.041	.037	.026	.024	.022	.008	.008	.007		
3.0	.069	.058	.050	.059	.050	.043	.040	.035	.030	.023	.020	.018	.007	.007	.006		
4.0	.062	.050	.041	.053	.043	.036	.037	.030	.025	.021	.018	.015	.007	.006	.005		
5.0	.056	.044	.034	.049	.038	.030	.033	.026	.021	.019	.016	.013	.006	.005	.004		
6.0	.052	.039	.029	.045	.033	.025	.031	.023	.018	.018	.014	.011	.006	.004	.004		
7.0	.048	.034	.025	.041	.030	.022	.028	.021	.015	.016	.012	.009	.005	.004	.003		
8.0	.044	.031	.021	.038	.027	.019	.026	.019	.013	.015	.011	.008	.005	.004	.003		
9.0	.041	.028	.019	.036	.024	.016	.025	.017	.012	.014	.010	.007	.005	.003	.002		
10.0	.039	.025	.016	.033	.022	.014	.023	.015	.010	.014	.009	.006	.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-1084A 24R
DRIVER:LEMENT 10/220-240/250 250mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:220.24V I:0.0495A P:10.481W PF:0.9590 Freq:49.99Hz Lamp Flux:906.647x1 lm											
NAME: 2318.117-ACOT-68						TYPE:		WEIGHT:			
SPEC.: 3000K						DIM.:		SERIAL No.: 2312131445			
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	5.1	5.7	5.3	5.9	6.0	5.8	6.4	5.9	6.5	6.6	
	3H	5.0	5.6	5.2	5.8	5.9	5.7	6.2	5.9	6.4	
	4H	4.9	5.5	5.2	5.7	5.9	5.6	6.1	5.8	6.3	
	6H	4.9	5.4	5.1	5.6	5.8	5.5	6.0	5.8	6.2	
	8H	4.8	5.3	5.1	5.5	5.8	5.5	5.9	5.7	6.2	
	12H	4.8	5.2	5.1	5.5	5.8	5.4	5.9	5.7	6.1	
4H	2H	5.0	5.5	5.2	5.7	5.9	5.6	6.1	5.8	6.3	
	3H	4.9	5.3	5.2	5.6	5.8	5.5	5.9	5.8	6.2	
	4H	4.8	5.2	5.1	5.5	5.8	5.4	5.8	5.7	6.1	
	6H	4.7	5.0	5.0	5.4	5.7	5.3	5.7	5.7	6.0	
	8H	4.6	5.0	5.0	5.3	5.7	5.2	5.6	5.6	5.9	
	12H	4.6	4.9	5.0	5.3	5.6	5.2	5.5	5.6	5.9	
8H	4H	4.6	5.0	5.0	5.3	5.7	5.2	5.6	5.6	5.9	
	6H	4.5	4.8	4.9	5.2	5.6	5.1	5.4	5.5	5.8	
	8H	4.4	4.7	4.9	5.1	5.6	5.1	5.3	5.5	5.7	
	12H	4.4	4.6	4.8	5.0	5.5	5.0	5.2	5.5	5.7	
12H	4H	4.6	4.9	5.0	5.3	5.6	5.2	5.5	5.6	5.9	
	6H	4.4	4.7	4.9	5.1	5.6	5.1	5.3	5.5	5.7	
	8H	4.4	4.6	4.8	5.0	5.5	5.0	5.2	5.5	5.7	
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 2.9 / - 6.3					+ 3.0 / - 5.4					
1.5H	+ 4.3 / - 3.3					+ 4.7 / - 3.4					
2.0H	+ 3.6 / - 5.9					+ 3.7 / - 6.0					

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-1084A 24R
DRIVER:LEMENT 10/220-240/250 250mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:220.24V I:0.0495A P:10.481W PF:0.9590 Freq:49.99Hz Lamp Flux:906.647x1 lm		
NAME: 2318.117-ACOT-68	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312131445
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

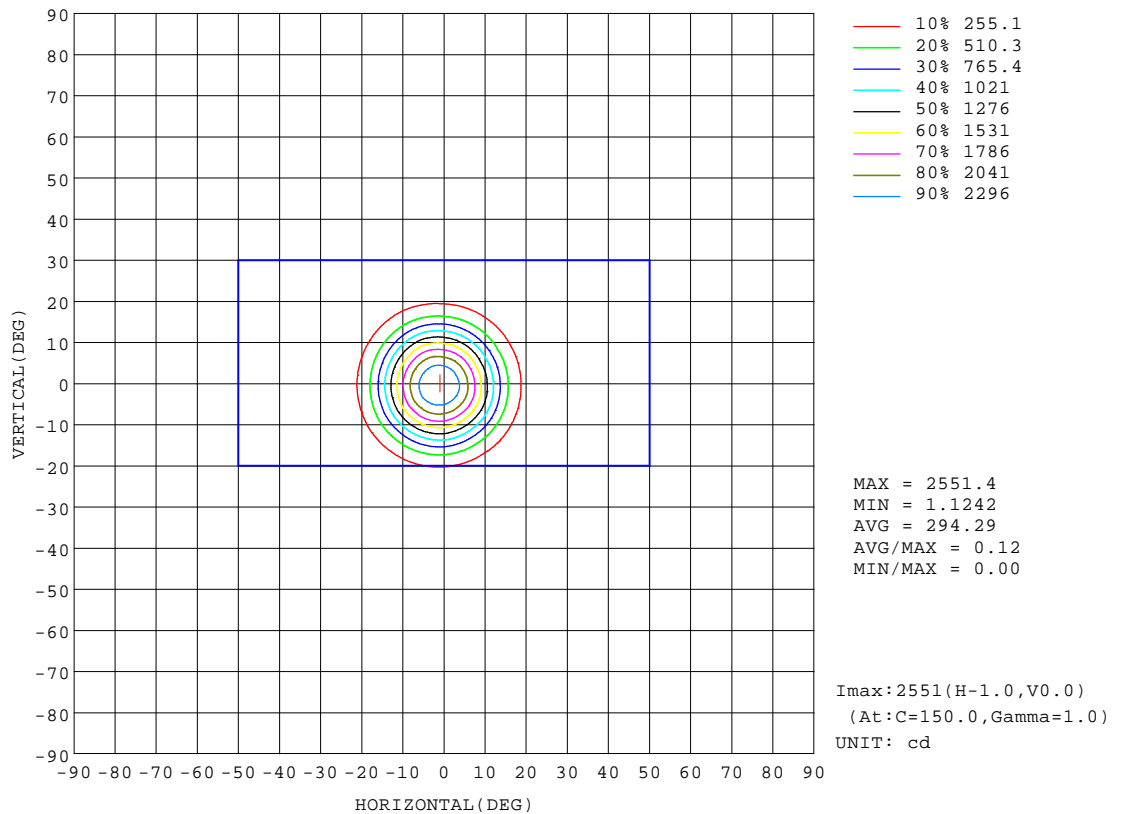
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	47	44	42	46	44	42	46	43	42	40
0.80	50	47	46	50	47	46	49	47	46	44
1.00	52	50	48	52	49	48	51	49	47	46
1.25	54	52	50	53	51	50	52	51	49	47
1.50	55	53	51	55	53	51	53	52	51	49
2.00	56	54	53	56	54	52	54	53	52	49
2.50	57	55	54	56	55	53	55	53	52	50
3.00	58	56	55	57	55	54	55	54	53	50
4.00	59	57	56	58	57	56	56	55	54	51
5.00	59	58	57	58	57	57	56	56	55	51
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:2023-12-13

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-1084A 24R
DRIVER:LEMENT 10/220-240/250 250mA
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:220.24V I:0.0495A P:10.481W PF:0.9590 Freq:49.99Hz Lamp Flux:906.647x1 lm		
NAME: 2318.117-ACOT-68	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312131445
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

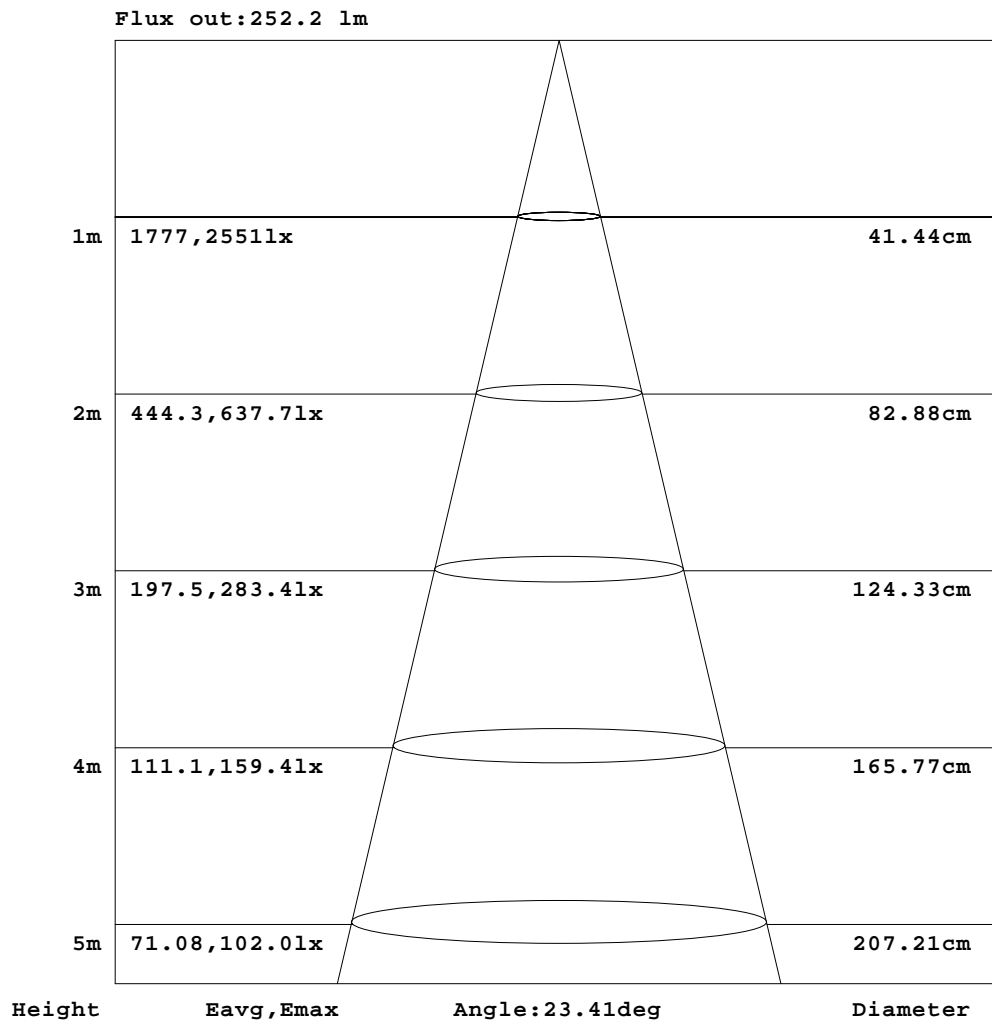


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-12-13

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-1084A 24R
DRIVER:LEMENT 10/220-240/250 250mA
30minutes warm-up

AAI Figure

Test:U:220.24V I:0.0495A P:10.481W PF:0.9590 Freq:49.99Hz Lamp Flux:906.647x1 lm		
NAME: 2318.117-ACOT-68	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312131445
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:



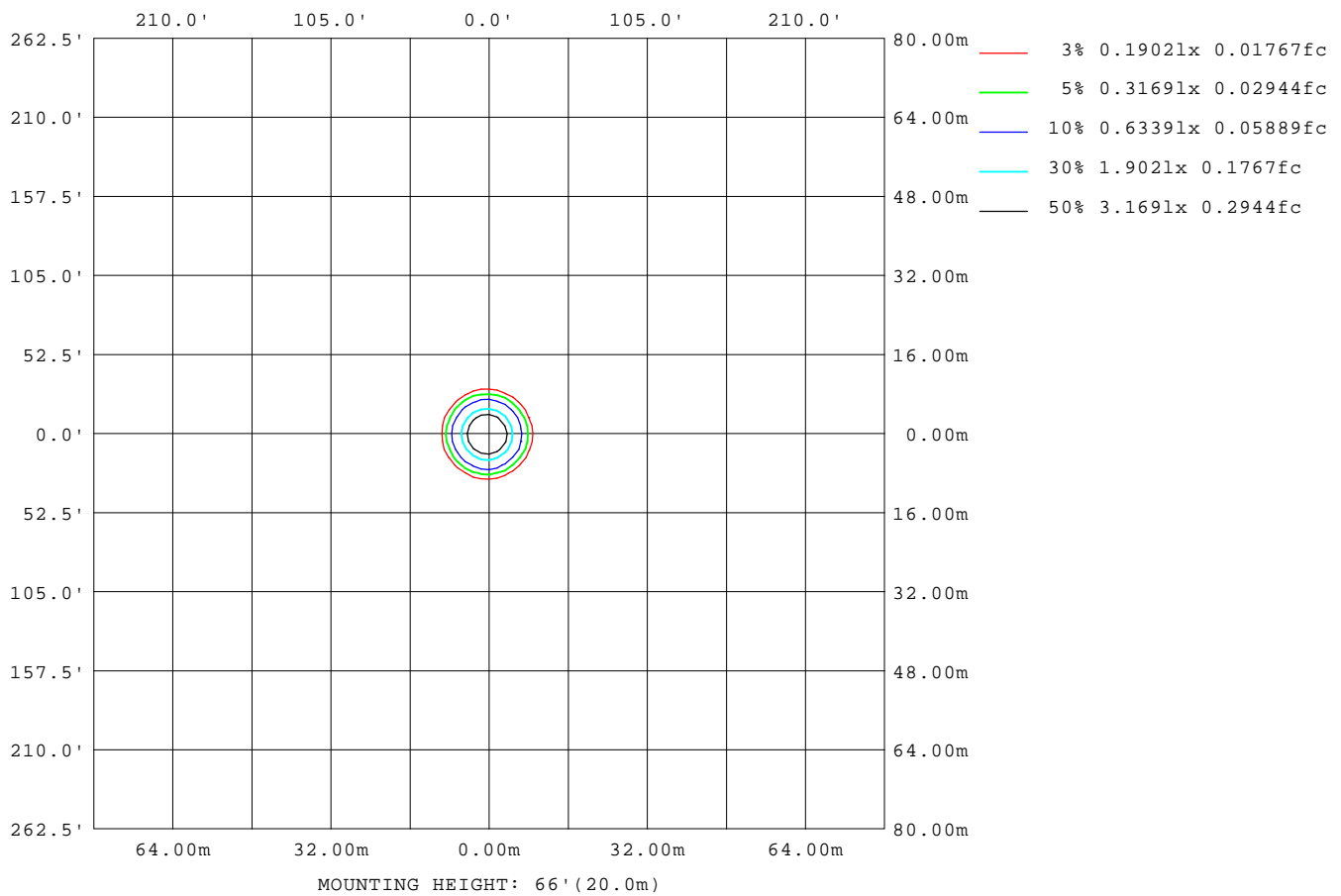
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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-1084A 24R
DRIVER:LEMENT 10/220-240/250 250mA
30minutes warm-up

ISOLUX DIAGRAM

Test:U:220.24V I:0.0495A P:10.481W PF:0.9590 Freq:49.99Hz Lamp Flux:906.647x1 lm		
NAME: 2318.117-ACOT-68	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312131445
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-1084A 24R
DRIVER: LEMENT 10/220-240/250 250mA
30minutes warm-up

LED Avg.L Report

Test:U:220.24V I:0.0495A P:10.481W PF:0.9590 Freq:49.99Hz Lamp Flux:906.647x1 lm		
NAME: 2318.117-ACOT-68	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312131445
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

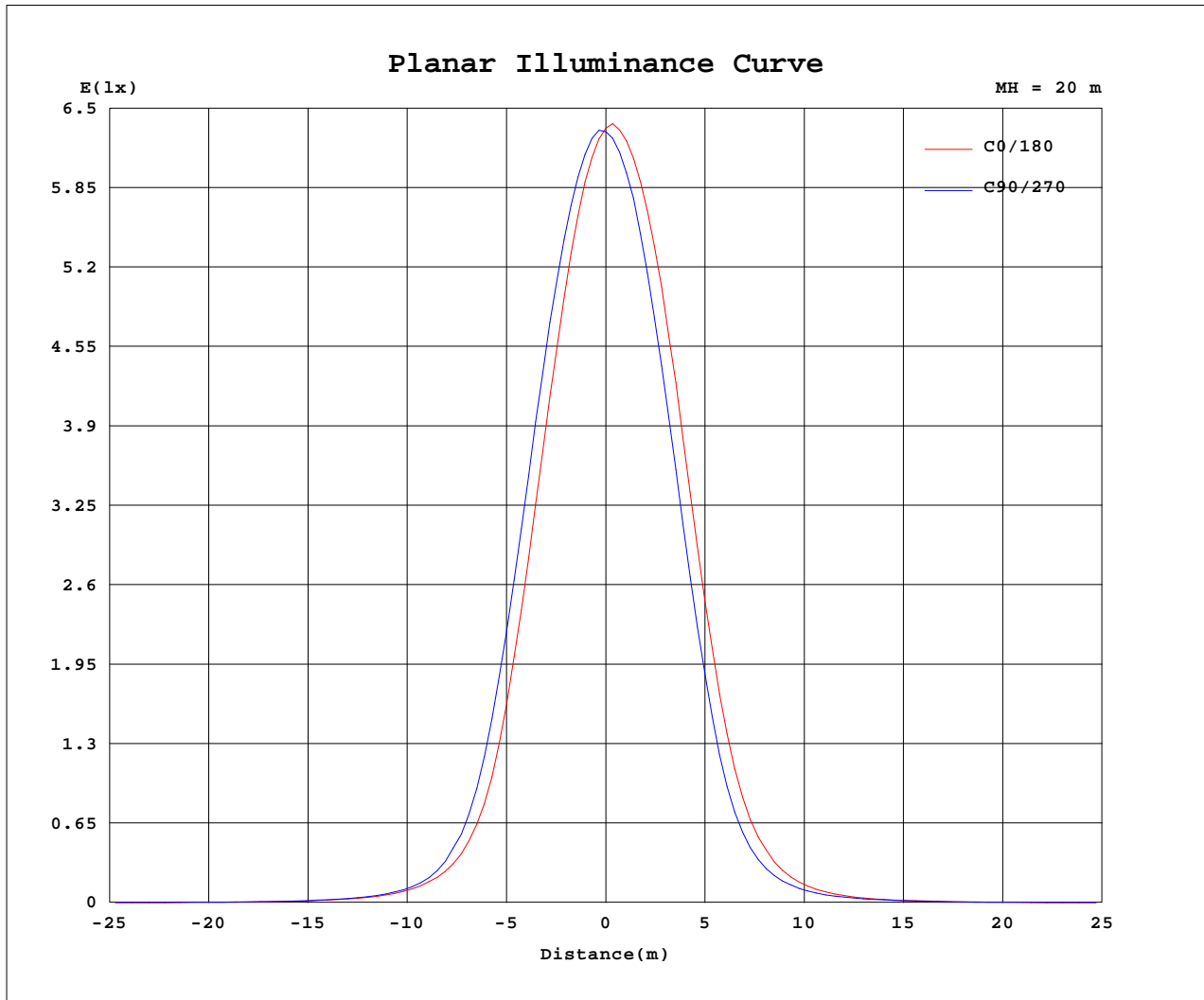
AvgL	cd/m2
L_0~180(65)av	482
L_0~180(75)av	109
L_0~180(85)av	88
L_90~270(65)av	422
L_90~270(75)av	108
L_90~270(85)av	84
L_45(65)av	440
L_45(75)av	104
L_45(85)av	47

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-1084A 24R
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-1084A 24R
 DRIVER: LEMENT 10/220-240/250 250mA
 30minutes warm-up

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.24V I:0.0495A P:10.481W PF:0.9590 Freq:49.99Hz Lamp Flux:906.647x1 lm		
NAME: 2318.117-ACOT-68	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312131445
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	2529	2529	2529	2529	2529	2529	2529	2529	2529	2529	2529	2529						
5	2145	2199	2247	2314	2364	2404	2381	2345	2294	2220	2167	2132						
10	1362	1449	1520	1652	1738	1799	1778	1703	1624	1488	1396	1333						
15	578	645	712	824	900	943	922	859	787	678	602	556						
20	193	214	226	272	306	329	328	299	265	219	204	187						
25	73.8	76.8	81.0	87.8	97.3	108	113	104	91.9	78.5	73.5	71.8						
30	32.0	33.1	34.6	36.4	38.9	42.1	43.2	40.7	37.5	33.1	32.1	31.1						
35	15.3	16.1	16.6	17.8	17.8	19.3	19.4	18.3	17.8	16.3	15.4	14.8						
40	7.14	7.80	8.26	8.68	8.91	9.33	9.01	8.42	8.35	7.38	6.84	6.65						
45	3.46	3.65	3.85	4.00	4.21	4.47	4.10	3.94	3.78	3.30	3.23	3.29						
50	2.20	2.38	2.46	2.59	2.83	3.14	2.77	2.49	2.16	2.12	2.10	2.10						
55	1.38	1.57	1.64	1.79	2.05	2.34	1.87	1.64	1.32	1.21	1.24	1.31						
60	0.49	0.53	0.58	0.84	1.01	1.18	0.79	0.49	0.32	0.28	0.31	0.41						
65	0.33	0.35	0.37	0.39	0.41	0.42	0.41	0.33	0.26	0.25	0.26	0.30						
70	0.16	0.17	0.18	0.20	0.20	0.20	0.18	0.17	0.17	0.16	0.14	0.13						
75	0.05	0.05	0.06	0.07	0.07	0.07	0.06	0.05	0.04	0.03	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	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	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
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Operators:zoe
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