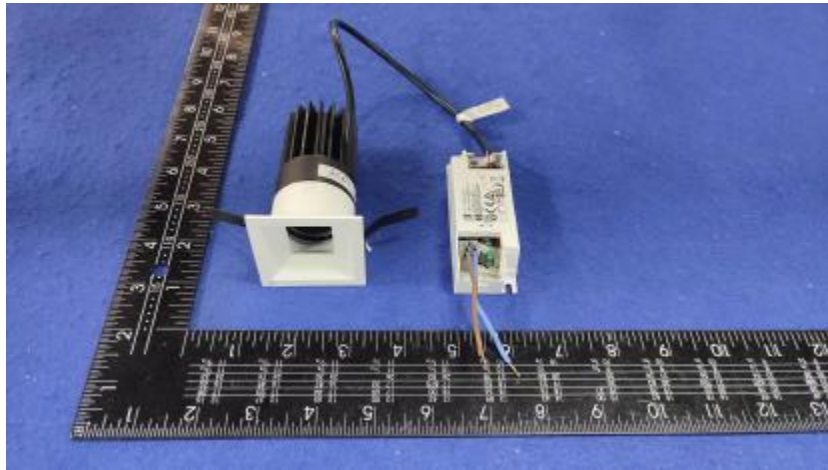


## Luminaire Photograph



Light Output Ratio:	58.3%	
Luminaire Power:	11.89 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	1.00	fine grid method.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Zoe  
Test Date: 2022-9-22

g Range: 0 - 180DEG  
g Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity: 65.0%  
Test Distance: 3.160m [K=1.0000]  
Remarks: LAMP: CMA1306-0000-000N0U0A30G Ra: 90  
LENS: PM-1084 15R  
DRIVER: KEDH010S0250NR12A1 250mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

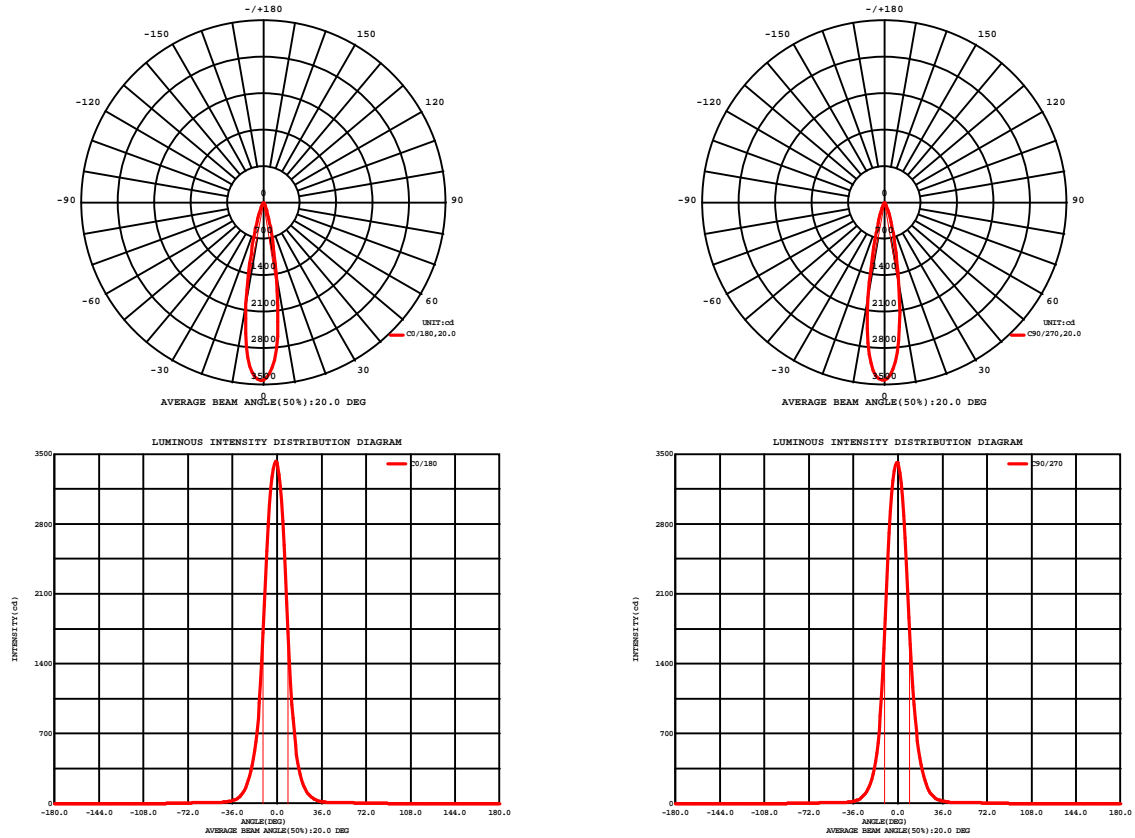


Fig. C0/C180

Fig. C90/C270

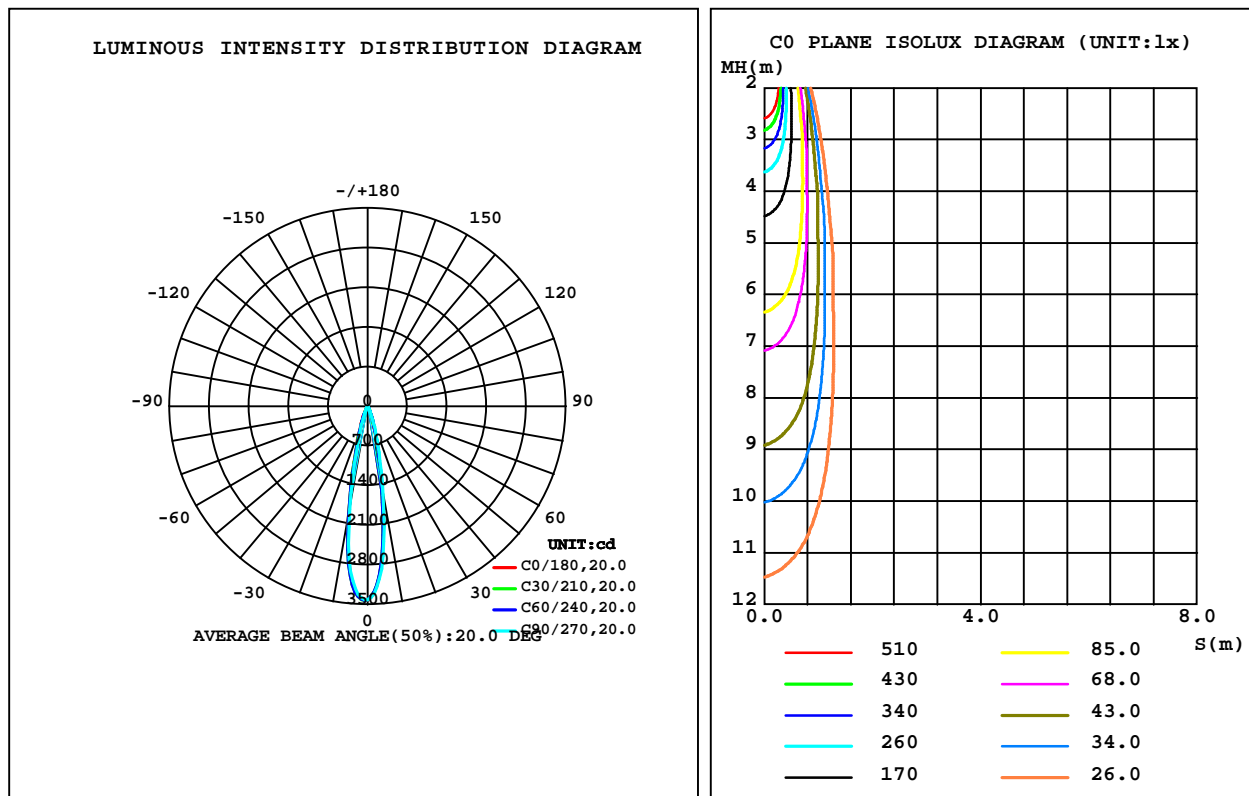
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Zoe  
Test Date: 2022-9-22

Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity: 65.0%  
Test Distance: 3.160m [K=1.0000]  
Remarks: LAMP: CMA1306-0000-000N0U0A30G Ra: 90  
LENS: PM-1084 15R  
DRIVER: KEDH010S0250NR12A1 250mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.18V I:0.0581A P:11.887W PF:0.9249 Freq:49.99Hz Lamp Flux:967.126x1 lm		
NAME: 2218.117-ACOT-97	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2209220939
MFR.: RISE	SUR.:0.0016m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 47.42 lm/W			
MODEL	CREE	I <sub>max</sub> (cd)	3427	S/MH(C0/180)	0.37
NOMINAL POWER(W)	12	LOR(%)	58.3	S/MH(C90/270)	0.35
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	563.68	h UP,DN(C0-180)	0.0,28.0
NOMINAL FLUX(lm)	967.126	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.0,30.3
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	h down(%)	58.3	CIBSE SHR MAX	1.00



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-9-22

g Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
LENS: PM-1084 15R  
DRIVER: KEDH010S0250NR12A1 250mA  
30minutes warm-up

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

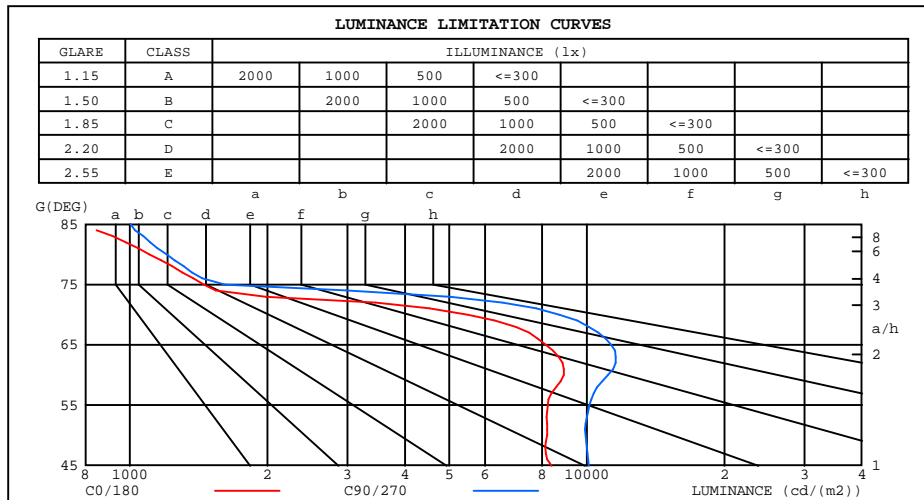
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	1433	1458	1596	1755	1981	1998	1851	1642	0- 10	242.7	242.7	43,25.1
20	242.6	267.3	329.3	356.6	380.0	342.6	289.0	251.9	10- 20	212.1	454.7	80.7,47
30	44.55	50.58	57.44	67.71	67.39	62.15	51.86	49.16	20- 30	64.30	519.0	92.1,53.7
40	11.96	15.10	15.18	19.88	17.80	17.52	13.17	13.93	30- 40	19.21	538.2	95.5,55.7
50	8.412	9.145	10.22	10.67	10.85	9.518	8.458	8.317	40- 50	8.728	547.0	97,56.6
60	7.120	8.064	8.915	9.716	9.275	8.452	7.263	7.144	50- 60	7.933	554.9	98.4,57.4
70	2.998	4.248	4.774	6.225	5.759	4.948	3.312	3.474	60- 70	6.791	561.7	99.6,58.1
80	0.3067	0.3209	0.3353	0.3682	0.3613	0.3664	0.3356	0.3155	70- 80	1.841	563.5	100,58.3
90	0	0	0	0	0	0	0	0	80- 90	0.1573	563.7	100,58.3
100	0	0	0	0	0	0	0	0	90-100	0	563.7	100,58.3
110	0	0	0	0	0	0	0	0	100-110	0	563.7	100,58.3
120	0	0	0	0	0	0	0	0	110-120	0	563.7	100,58.3
130	0	0	0	0	0	0	0	0	120-130	0	563.7	100,58.3
140	0	0	0	0	0	0	0	0	130-140	0	563.7	100,58.3
150	0	0	0	0	0	0	0	0	140-150	0	563.7	100,58.3
160	0	0	0	0	0	0	0	0	150-160	0	563.7	100,58.3
170	0	0	0	0	0	0	0	0	160-170	0	563.7	100,58.3
180	0	0	0	0	0	0	0	0	170-180	0	563.7	100,58.3
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-9-22

g Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
LENS: PM-1084 15R  
DRIVER: KEDH010S0250NR12A1 250mA  
30minutes warm-up

## LUMINANCE LIMITATION CURVES

Test:U:220.18V I:0.0581A P:11.887W PF:0.9249 Freq:49.99Hz Lamp Flux:967.126x1 lm		
NAME: 2218.117-ACOT-97	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2209220939
MFR.: RISE	SUR.:0.0016m2	Shielding Angle:



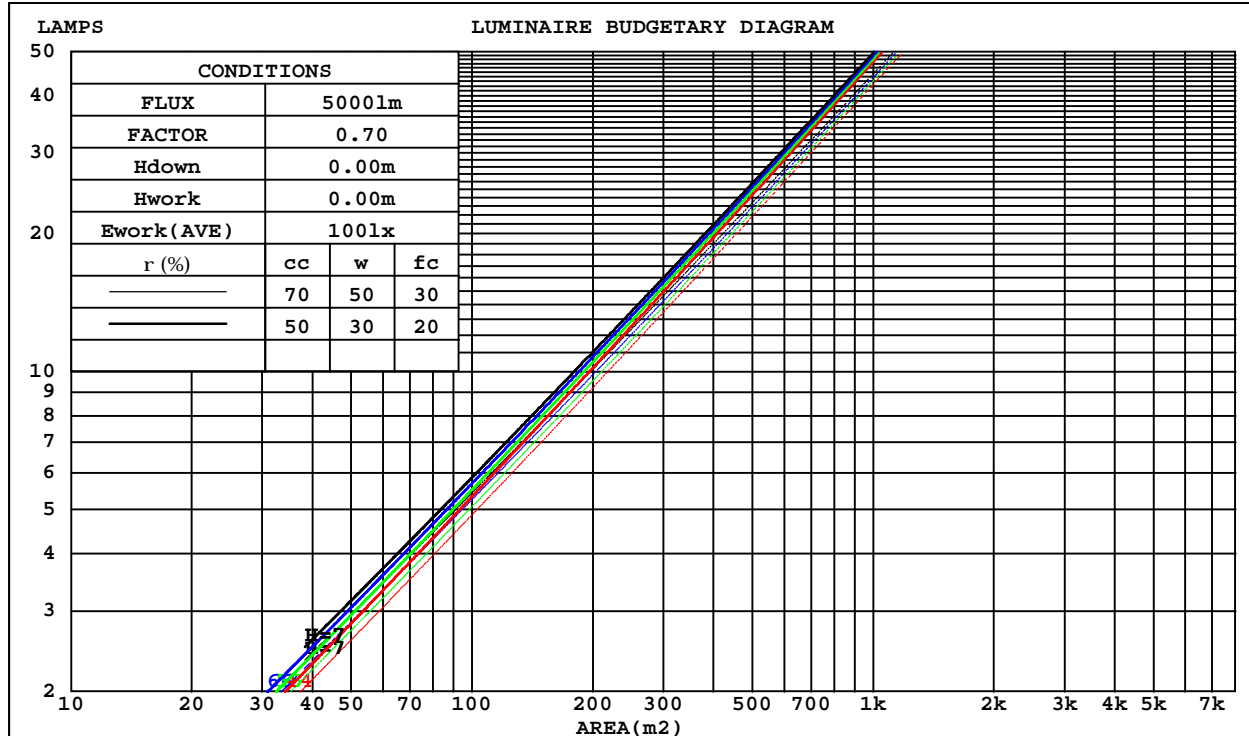
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-9-22

G Range: 0 - 180DEG  
G Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
LENS: PM-1084 15R  
DRIVER: KEDH010S0250NR12A1 250mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.18V I:0.0581A P:11.887W PF:0.9249 Freq:49.99Hz Lamp Flux:967.126x1 lm		
NAME: 2218.117-ACOT-97	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2209220939
MFR.: RISE	SUR.:0.0016m2	Shielding Angle:

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio                      Coefficients of Utilization(CU)															
0.0	.69	.69	.69	.68	.68	.68	.65	.65	.65	.62	.62	.62	.59	.59	.59	.58
1.0	.66	.65	.64	.64	.63	.63	.62	.61	.61	.60	.59	.59	.58	.58	.57	.56
2.0	.63	.61	.59	.62	.60	.59	.60	.59	.57	.58	.57	.56	.57	.56	.55	.54
3.0	.60	.58	.56	.59	.57	.56	.58	.56	.55	.56	.55	.54	.55	.54	.53	.52
4.0	.58	.55	.54	.57	.55	.53	.56	.54	.53	.55	.53	.52	.54	.53	.52	.51
5.0	.56	.53	.51	.55	.53	.51	.54	.52	.51	.53	.52	.50	.53	.51	.50	.49
6.0	.54	.51	.50	.53	.51	.50	.53	.51	.49	.52	.50	.49	.51	.50	.49	.48
7.0	.52	.50	.48	.52	.50	.48	.51	.49	.48	.51	.49	.48	.50	.49	.47	.47
8.0	.51	.48	.47	.51	.48	.47	.50	.48	.47	.49	.48	.46	.49	.47	.46	.46
9.0	.49	.47	.46	.49	.47	.46	.49	.47	.45	.48	.47	.45	.48	.46	.45	.45
10.0	.48	.46	.44	.48	.46	.44	.48	.46	.44	.47	.46	.44	.47	.45	.44	.44



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-9-22

g Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
LENS: PM-1084 15R  
DRIVER: KEDH010S0250NR12A1 250mA  
30minutes warm-up

### WEC AND CCEC

Test:U:220.18V I:0.0581A P:11.887W PF:0.9249 Freq:49.99Hz Lamp Flux:967.126x1 lm		
NAME: 2218.117-ACOT-97	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2209220939
MFR.: RISE	SUR.:0.0016m2	Shielding Angle:

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Wall Exitance Coefficients(WEC)															
0.0																
1.0	.081	.046	.015	.077	.044	.014	.070	.040	.013	.063	.036	.012	.057	.033	.011	
2.0	.075	.041	.013	.072	.040	.012	.066	.037	.011	.060	.034	.011	.055	.031	.010	
3.0	.070	.037	.011	.067	.036	.011	.062	.034	.010	.057	.031	.010	.053	.029	.009	
4.0	.065	.034	.010	.063	.033	.010	.059	.031	.009	.055	.029	.009	.051	.028	.008	
5.0	.061	.031	.009	.059	.030	.009	.055	.029	.008	.052	.027	.008	.049	.026	.008	
6.0	.057	.029	.008	.056	.028	.008	.052	.027	.008	.050	.026	.008	.047	.025	.007	
7.0	.054	.027	.008	.053	.026	.007	.050	.025	.007	.047	.024	.007	.045	.023	.007	
8.0	.051	.025	.007	.050	.025	.007	.048	.024	.007	.045	.023	.007	.043	.022	.006	
9.0	.049	.024	.007	.048	.023	.007	.046	.023	.006	.044	.022	.006	.042	.021	.006	
10.0	.046	.022	.006	.045	.022	.006	.044	.021	.006	.042	.021	.006	.040	.020	.006	

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Ceiling Cavity Exitance Coefficients(CCEC)															
0.0	.111	.111	.111	.095	.095	.095	.065	.065	.065	.037	.037	.037	.012	.012	.012	
1.0	.098	.092	.086	.084	.079	.074	.057	.054	.051	.033	.031	.030	.011	.010	.010	
2.0	.088	.077	.069	.075	.067	.059	.051	.046	.041	.030	.027	.024	.010	.009	.008	
3.0	.079	.066	.056	.068	.057	.048	.046	.040	.034	.027	.023	.020	.009	.008	.007	
4.0	.072	.057	.046	.061	.049	.040	.042	.034	.028	.024	.020	.017	.008	.007	.005	
5.0	.065	.050	.038	.056	.043	.033	.039	.030	.024	.022	.018	.014	.007	.006	.005	
6.0	.060	.044	.033	.052	.038	.028	.036	.027	.020	.021	.016	.012	.007	.005	.004	
7.0	.056	.039	.028	.048	.034	.024	.033	.024	.017	.019	.014	.010	.006	.005	.003	
8.0	.052	.035	.024	.044	.031	.021	.031	.021	.015	.018	.013	.009	.006	.004	.003	
9.0	.048	.032	.021	.042	.028	.018	.029	.019	.013	.017	.012	.008	.005	.004	.003	
10.0	.045	.029	.018	.039	.025	.016	.027	.018	.011	.016	.011	.007	.005	.003	.002	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-9-22

g Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
LENS: PM-1084 15R  
DRIVER: KEDH010S0250NR12A1 250mA  
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:220.18V I:0.0581A P:11.887W PF:0.9249 Freq:49.99Hz Lamp Flux:967.126x1 lm										
NAME: 2218.117-ACOT-97					TYPE:			WEIGHT:		
SPEC.:3000K					DIM.:			SERIAL No.:2209220939		
MFR.: RISE					SUR.:0.0016m2			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	12.5	13.1	12.7	13.3	13.4	13.5	14.1	13.7	14.3	14.4
3H	13.6	14.2	13.8	14.4	14.5	15.0	15.6	15.2	15.7	15.9
4H	13.6	14.1	13.8	14.3	14.6	15.0	15.6	15.3	15.8	16.0
6H	13.5	14.0	13.8	14.3	14.5	14.9	15.5	15.2	15.7	16.0
8H	13.5	14.0	13.7	14.2	14.5	14.9	15.4	15.2	15.7	15.9
12H	13.4	13.9	13.7	14.2	14.5	14.9	15.4	15.2	15.6	15.9
4H 2H	13.3	13.9	13.6	14.1	14.3	14.1	14.7	14.4	14.9	15.1
3H	14.4	14.9	14.7	15.2	15.5	15.6	16.1	15.9	16.4	16.6
4H	14.4	14.9	14.7	15.2	15.5	15.6	16.1	16.0	16.4	16.7
6H	14.3	14.8	14.7	15.1	15.4	15.6	16.0	15.9	16.3	16.6
8H	14.3	14.7	14.7	15.0	15.4	15.5	15.9	15.9	16.2	16.6
12H	14.2	14.6	14.6	15.0	15.4	15.5	15.8	15.9	16.2	16.6
8H 4H	14.4	14.8	14.8	15.1	15.5	15.6	16.0	15.9	16.3	16.7
6H	14.3	14.6	14.7	15.0	15.4	15.5	15.8	15.9	16.2	16.6
8H	14.3	14.6	14.7	15.0	15.4	15.4	15.7	15.9	16.1	16.6
12H	14.2	14.5	14.7	14.9	15.4	15.4	15.6	15.8	16.1	16.5
12H 4H	14.3	14.7	14.8	15.1	15.5	15.5	15.9	15.9	16.2	16.6
6H	14.3	14.6	14.7	15.0	15.4	15.4	15.7	15.9	16.1	16.6
8H	14.2	14.5	14.7	14.9	15.4	15.4	15.6	15.8	16.1	16.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.4 / - 0.6					+ 0.4 / - 0.5				
1.5H	+ 0.5 / - 0.5					+ 0.6 / - 0.4				
2.0H	+ 0.8 / - 1.1					+ 0.7 / - 0.8				

CIE Pub.117, 967.1 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -0.1)  
Area: 0.0016 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-9-22

g Range: 0 - 180DEG  
g Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
LENS: PM-1084 15R  
DRIVER: KEDH010S0250NR12A1 250mA  
30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:220.18V I:0.0581A P:11.887W PF:0.9249 Freq:49.99Hz Lamp Flux:967.126x1 lm		
NAME: 2218.117-ACOT-97	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2209220939
MFR.: RISE	SUR.:0.0016m2	Shielding Angle:

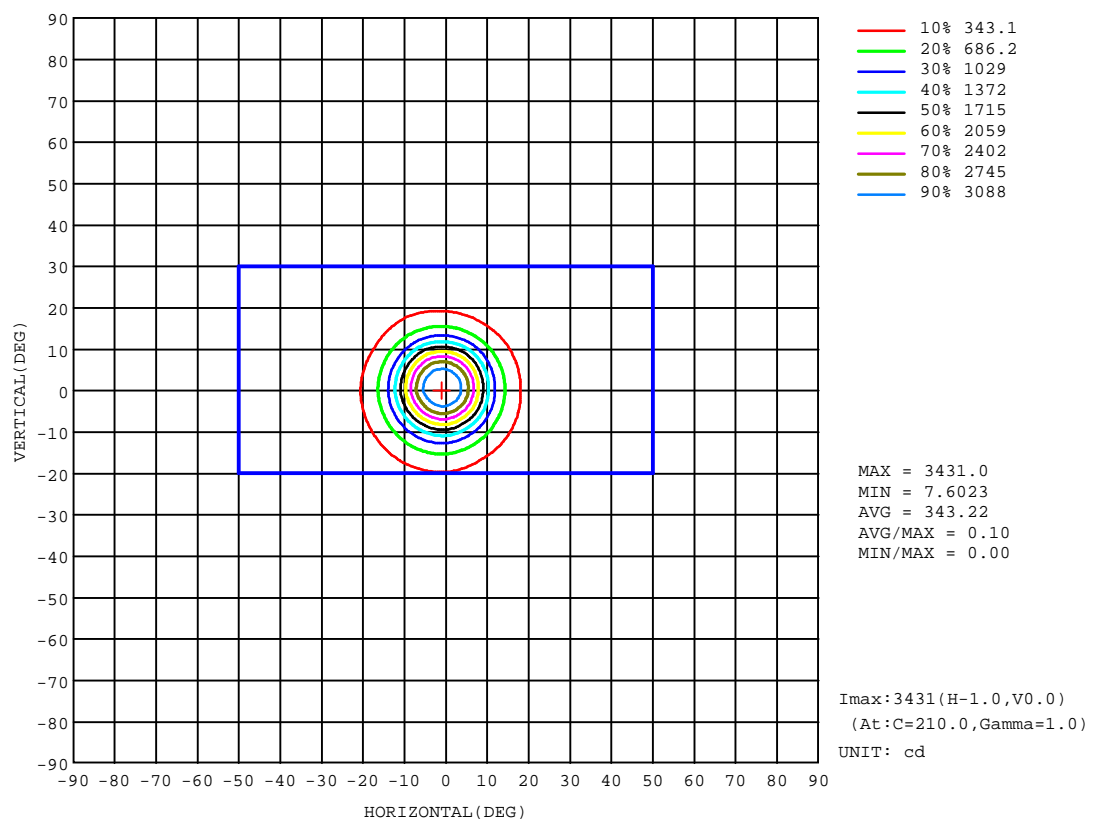
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	52	48	46	51	48	46	51	48	46	44
0.80	56	53	51	56	52	50	55	52	50	48
1.00	58	55	53	58	55	53	57	55	53	50
1.25	60	58	56	60	57	55	59	57	55	53
1.50	62	59	57	61	59	57	60	58	57	54
2.00	63	61	59	63	60	59	61	59	58	55
2.50	64	62	61	63	62	60	62	60	59	56
3.00	65	63	62	64	63	61	62	61	60	56
4.00	66	65	64	65	64	63	63	62	61	57
5.00	67	66	65	66	65	64	64	63	62	58
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:25.3DEG  
 Operators:Zoe  
 Test Date:2022-9-22

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
 Humidity:65.0%  
 Test Distance:3.160m [K=1.0000]  
 Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
 LENS: PM-1084 15R  
 DRIVER: KEDH010S0250NR12A1 250mA  
 30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:220.18V I:0.0581A P:11.887W PF:0.9249 Freq:49.99Hz Lamp Flux:967.126x1 lm		
NAME: 2218.117-ACOT-97	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2209220939
MFR.: RISE	SUR.:0.0016m2	Shielding Angle:

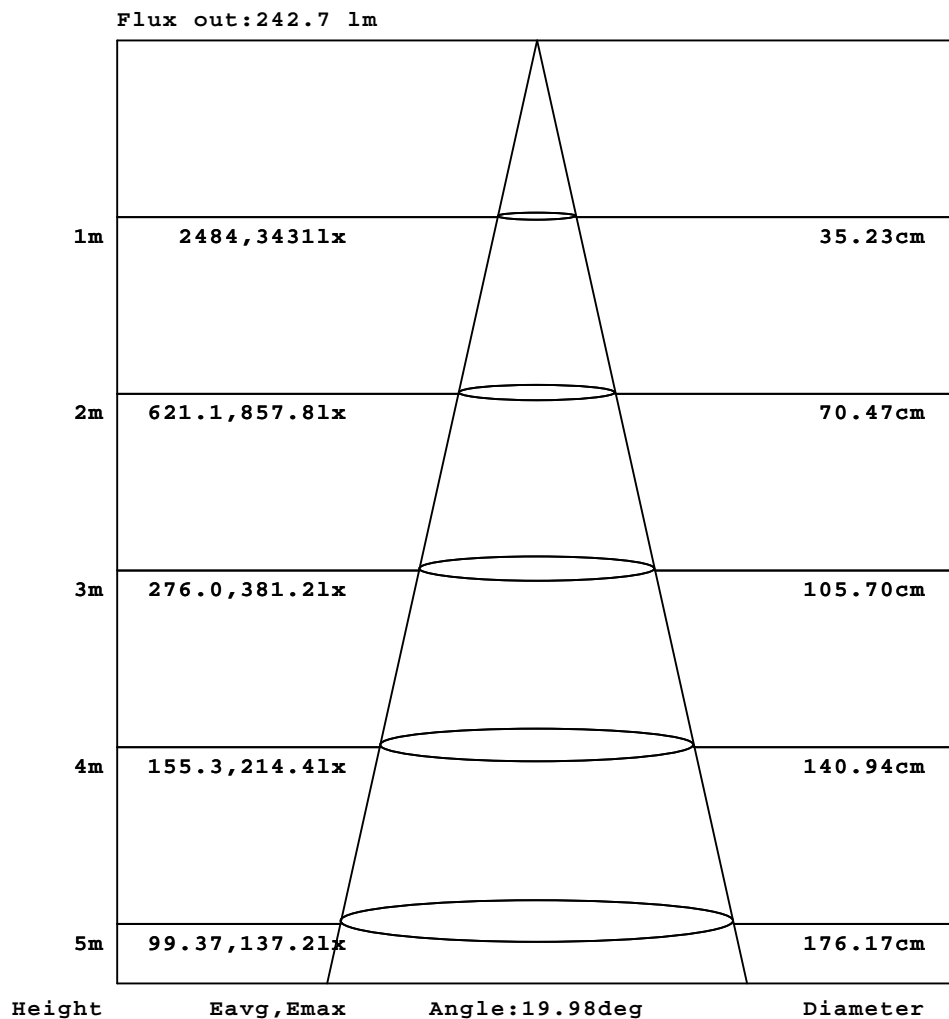


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-9-22

g Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
LENS: PM-1084 15R  
DRIVER: KEDH010S0250NR12A1 250mA  
30minutes warm-up

## AAI Figure

Test:U:220.18V I:0.0581A P:11.887W PF:0.9249 Freq:49.99Hz Lamp Flux:967.126x1 lm		
NAME: 2218.117-ACOT-97	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2209220939
MFR.: RISE	SUR.:0.0016m2	Shielding Angle:



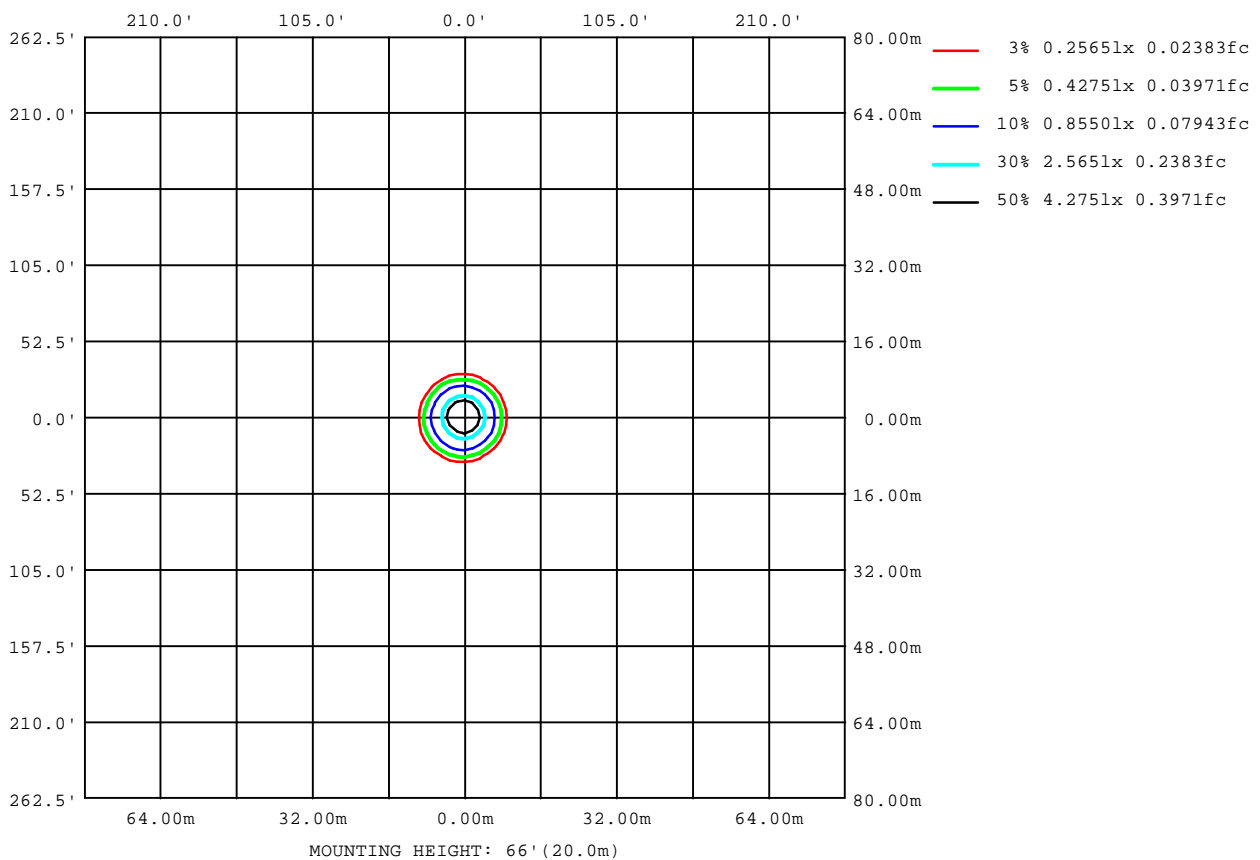
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-9-22

g Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
LENS: PM-1084 15R  
DRIVER: KEDH010S0250NR12A1 250mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:220.18V I:0.0581A P:11.887W PF:0.9249 Freq:49.99Hz Lamp Flux:967.126x1 lm		
NAME: 2218.117-ACOT-97	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2209220939
MFR.: RISE	SUR.:0.0016m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-9-22

g Range: 0 - 180DEG  
g Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
LENS: PM-1084 15R  
DRIVER: KEDH010S0250NR12A1 250mA  
30minutes warm-up

## LED Avg.L Report

Test:U:220.18V I:0.0581A P:11.887W PF:0.9249 Freq:49.99Hz Lamp Flux:967.126x1 lm		
NAME: 2218.117-ACOT-97	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2209220939
MFR.: RISE	SUR.:0.0016m2	Shielding Angle:

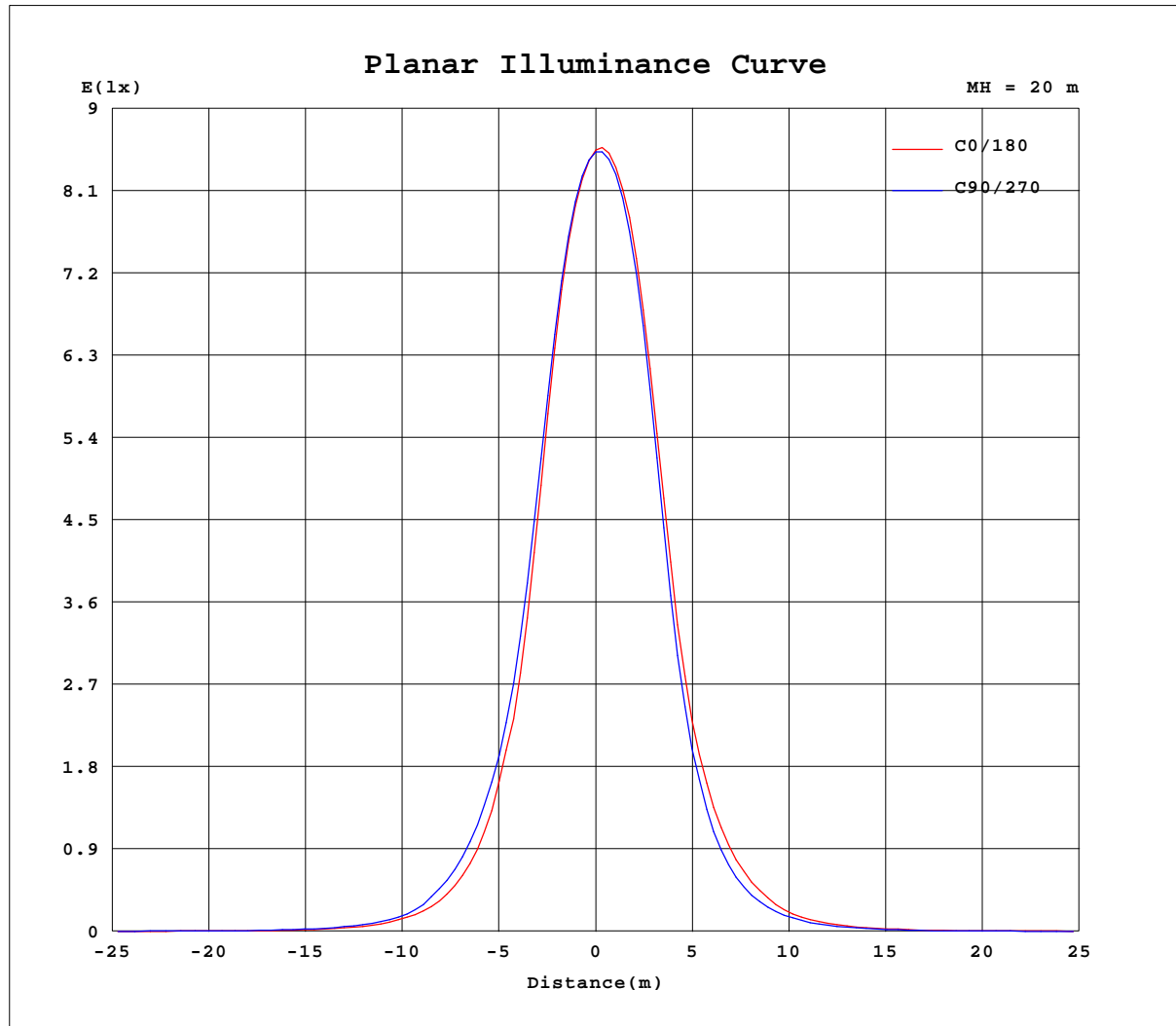
AvgL	cd/m2
L_0~180(65)av	10280
L_0~180(75)av	2160
L_0~180(85)av	968
L_90~270(65)av	9943
L_90~270(75)av	1591
L_90~270(85)av	956
L_45(65)av	10817
L_45(75)av	3857
L_45(85)av	925

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2022-9-22

g Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
LENS: PM-1084 15R  
DRIVER: KEDH010S0250NR12A1 250mA  
30minutes warm-up

## Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Zoe  
 Test Date: 2022-9-22

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
 Humidity: 65.0%  
 Test Distance: 3.160m [K=1.0000]  
 Remarks: LAMP: CMA1306-0000-000N0U0A30G Ra:90  
 LENS: PM-1084 15R  
 DRIVER: KEDH010S0250NR12A1 250mA  
 30minutes warm-up

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.18V I:0.0581A P:11.887W PF:0.9249 Freq:49.99Hz Lamp Flux:967.126x1 lm		
NAME: 2218.117-ACOT-97	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2209220939
MFR.: RISE	SUR.:0.0016m2	Shielding Angle:

Table--1

UNIT: cd

C(°)	0	30	60	90	120	150	180	210	240	270	300	330						
g (°)	0	30	60	90	120	150	180	210	240	270	300	330						
0	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413						
5	2833	2814	2807	2880	2958	3052	3153	3168	3173	3100	3013	2922						
10	1433	1446	1470	1596	1687	1824	1981	1996	2000	1851	1728	1557						
15	586	604	639	726	779	813	858	867	813	741	655	614						
20	243	265	270	329	353	360	380	343	342	289	252	251						
25	99.2	106	112	129	147	157	158	144	143	119	113	104						
30	44.6	48.8	52.3	57.4	65.3	70.2	67.4	64.2	60.1	51.9	50.9	47.4						
35	22.0	25.9	28.3	28.7	34.2	36.5	33.1	33.1	30.2	25.0	26.1	24.5						
40	12.0	14.3	15.9	15.2	19.1	20.7	17.8	18.7	16.4	13.2	14.4	13.4						
45	9.45	9.64	10.6	11.5	12.0	12.5	12.1	11.8	10.4	9.85	9.57	9.26						
50	8.41	8.71	9.58	10.2	10.6	10.7	10.9	9.92	9.11	8.46	8.40	8.24						
55	7.52	8.35	9.20	9.33	10.2	10.4	9.83	9.51	8.57	7.81	7.86	7.81						
60	7.12	7.63	8.50	8.92	9.60	9.84	9.27	8.95	7.95	7.26	7.21	7.08						
65	5.49	6.39	7.36	7.66	8.66	8.96	8.41	7.98	6.84	5.78	6.03	5.87						
70	3.00	3.92	4.58	4.77	6.02	6.43	5.76	5.47	4.42	3.31	3.45	3.49						
75	0.60	0.89	1.16	0.67	2.19	2.60	1.19	2.11	1.48	0.65	0.87	0.73						
80	0.31	0.32	0.32	0.34	0.36	0.38	0.36	0.37	0.36	0.34	0.32	0.31						
85	0.11	0.11	0.12	0.14	0.15	0.16	0.16	0.15	0.14	0.13	0.11	0.10						
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:25.3DEG  
Operators:Zoe  
Test Date:2022-9-22

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