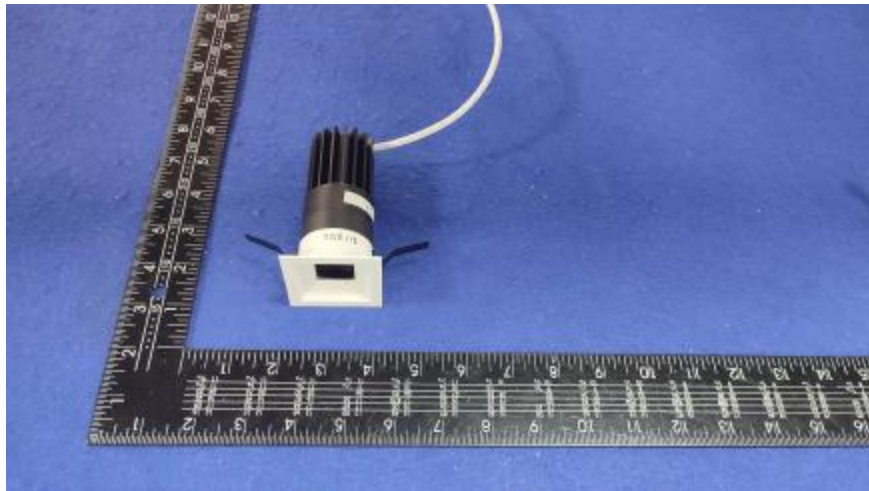


Luminaire Photograph



Light Output Ratio:	65.6%	
Luminaire Power:	9.342 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.60	fine grid method.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: Zoe
Test Date: 2022-11-4

γ Range: 0 - 180DEG
 γ 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: CMA1306-0000-000F0U0A30G Ra:90
LENS: PM-1084B 36R
NO DRIVER: 500mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

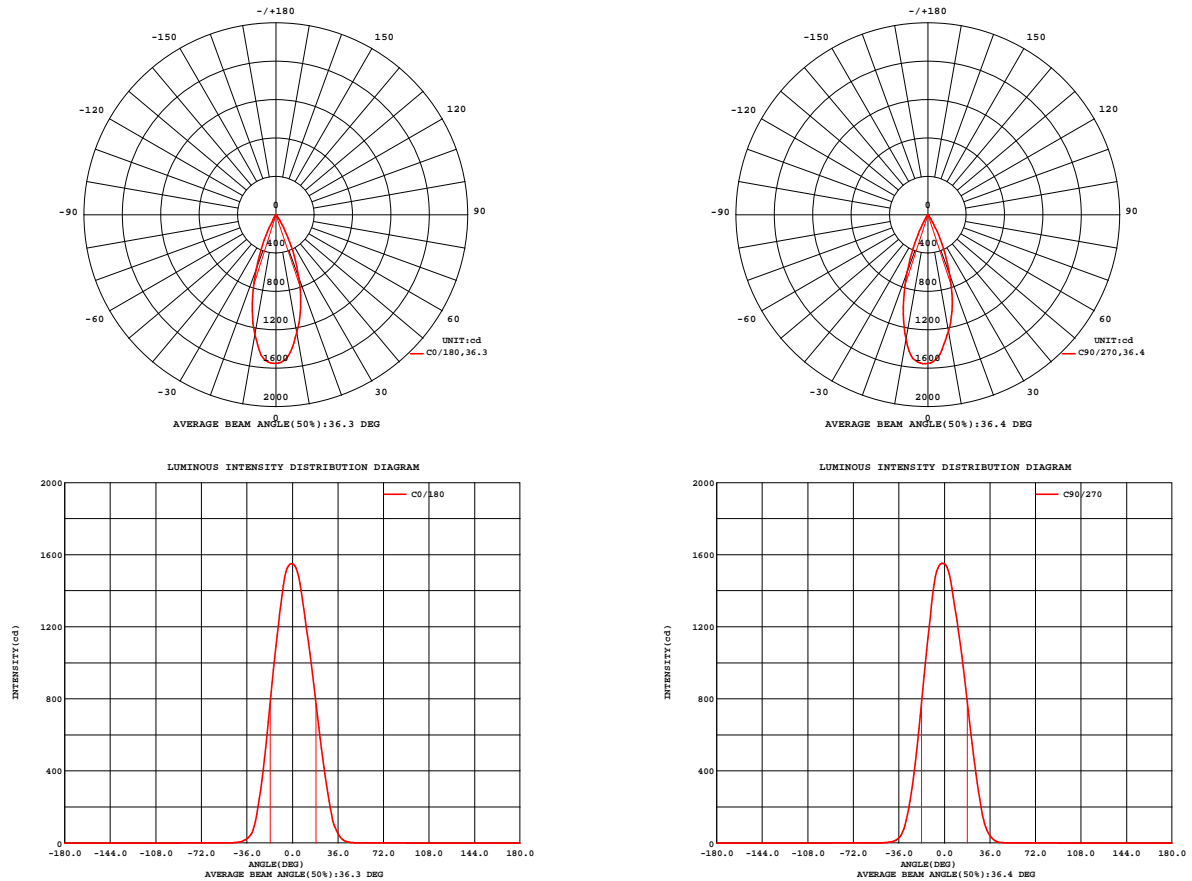


Fig. C0/C180

Fig. C90/C270

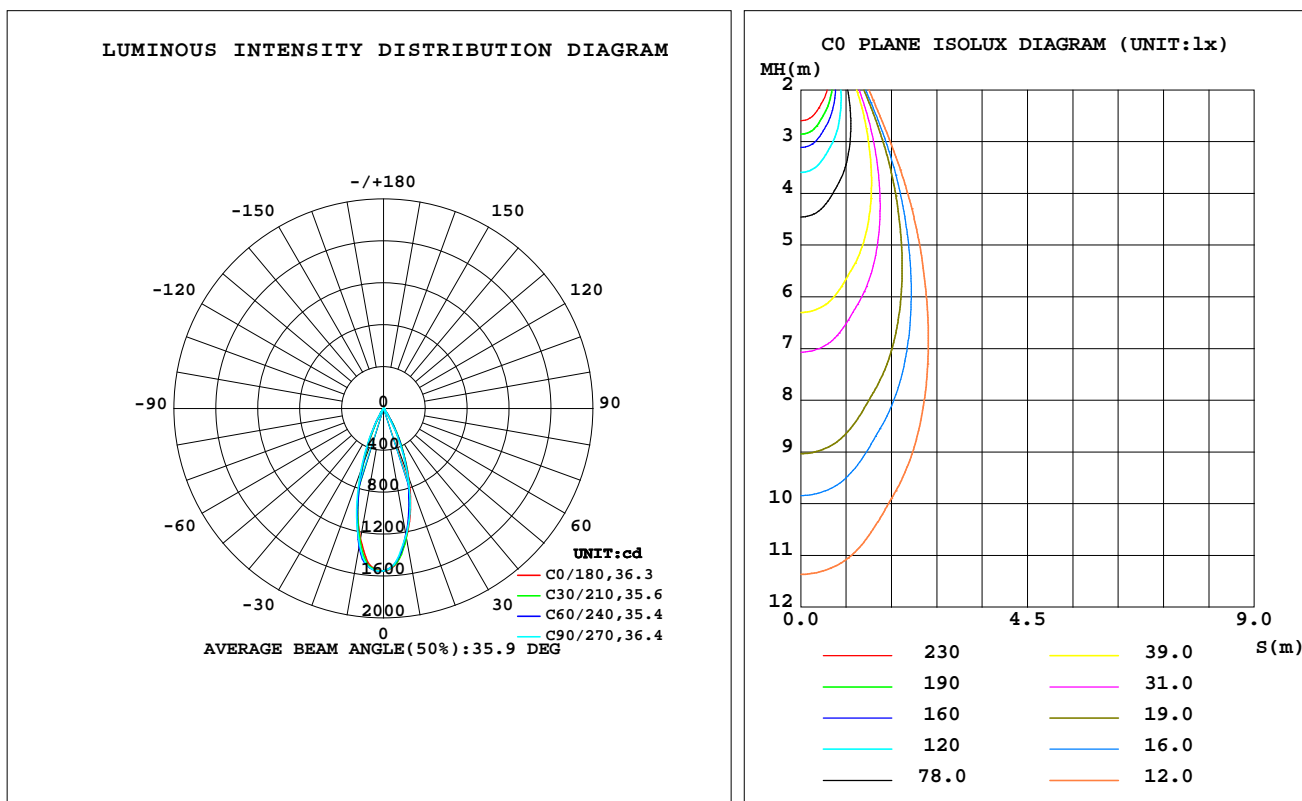
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: Zoe
Test Date: 2022-11-4

γ Range: 0 - 180DEG
 γ 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: CMA1306-0000-000F0U0A30G Ra: 90
LENS: PM-1084B 36R
NO DRIVER: 500mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:18.690V I:0.4998A P:9.3415W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.118-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211041122
MFR.: RISE	SUR.: 0.0016m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 64.58 lm/W			
MODEL	CREE	I _{max} (cd)	1553	S/MH(C0/180)	0.57
NOMINAL POWER(W)	9	LOR(%)	65.6	S/MH(C90/270)	0.58
RATED VOLTAGE(V)	18	TOTAL FLUX(lm)	603.29	η UP,DN(C0-180)	0.0,33.4
NOMINAL FLUX(lm)	919.82	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,32.2
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	18	η down(%)	65.6	CIBSE SHR MAX	0.60



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Zoe
Test Date:2022-11-4

γ Range: 0 - 180DEG
γ 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:CMA1306-0000-000F0U0A30G Ra:90
LENS: PM-1084B 36R
NO DRIVER:500mA
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	1249	1241	1233	1239	1267	1314	1322	1322	0- 10	135.5	135.5	22.5,14.7
20	699.5	677.1	671.5	605.8	599.3	590.2	634.5	664.4	10- 20	263.5	399.1	66.2,43.4
30	192.8	203.6	158.1	129.3	93.15	109.5	125.1	172.3	20- 30	163.9	562.9	93.3,61.2
40	18.36	18.51	13.10	10.93	8.618	9.054	10.45	15.36	30- 40	35.40	598.3	99.2,65
50	1.368	1.404	1.074	1.201	1.129	1.264	1.134	1.428	40- 50	3.520	601.9	99.8,65.4
60	0.6165	0.5556	0.4940	0.4898	0.5146	0.5105	0.4832	0.5641	50- 60	0.7063	602.6	99.9,65.5
70	0.4330	0.3685	0.3445	0.3086	0.3894	0.4825	0.6565	0.5094	60- 70	0.4649	603.0	100,65.6
80	0.0512	0.0464	0.0467	0.0363	0.0377	0.0326	0.0379	0.0415	70- 80	0.2403	603.3	100,65.6
90	0	0	0	0	0	0	0	0	80- 90	0.0194	603.3	100,65.6
100	0	0	0	0	0	0	0	0	90-100	0	603.3	100,65.6
110	0	0	0	0	0	0	0	0	100-110	0	603.3	100,65.6
120	0	0	0	0	0	0	0	0	110-120	0	603.3	100,65.6
130	0	0	0	0	0	0	0	0	120-130	0	603.3	100,65.6
140	0	0	0	0	0	0	0	0	130-140	0	603.3	100,65.6
150	0	0	0	0	0	0	0	0	140-150	0	603.3	100,65.6
160	0	0	0	0	0	0	0	0	150-160	0	603.3	100,65.6
170	0	0	0	0	0	0	0	0	160-170	0	603.3	100,65.6
180	0	0	0	0	0	0	0	0	170-180	0	603.3	100,65.6
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Zoe
Test Date:2022-11-4

γ Range: 0 - 180DEG
 γ 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:CMA1306-0000-000F0U0A30G Ra:90
LENS: PM-1084B 36R
NO DRIVER:500mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:18.690V I:0.4998A P:9.3415W PF:1.0000 Freq:59.99Hz
Lamp Flux:919.82x1 lm

NAME: 2218.118-LEA-09B

TYPE:

WEIGHT:

SPEC.: 3000K

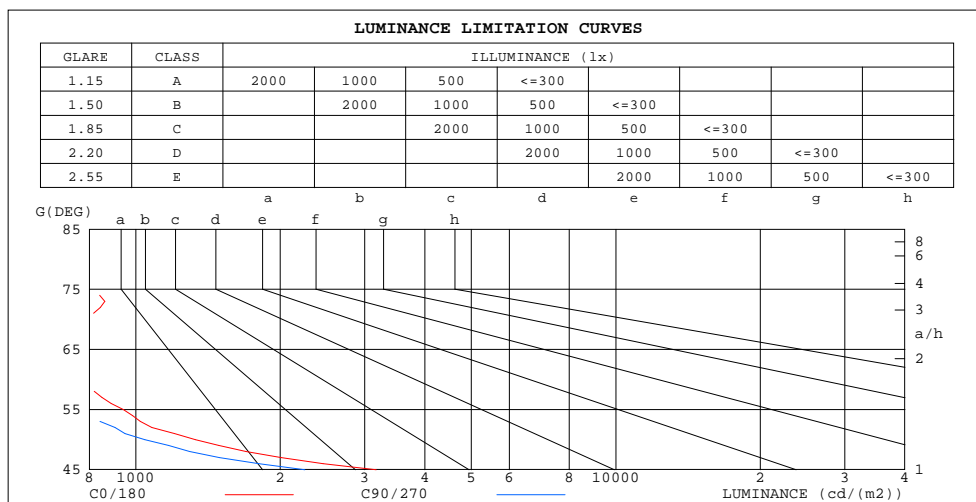
DIM.:

SERIAL No.: 2211041122

MFR.: RISE

SUR.: 0.0016m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	201	117
80	184	168
75	580	210
70	791	630
65	752	623
60	771	618
55	942	711
50	1331	1045
45	3166	2249

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Zoe
Test Date:2022-11-4

γ Range: 0 - 180DEG
γ 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:CMA1306-0000-000F0U0A30G Ra:90
LENS: PM-1084B 36R
NO DRIVER:500mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:18.690V I:0.4998A P:9.3415W PF:1.0000 Freq:59.99Hz
Lamp Flux:919.82x1 lm

NAME: 2218.118-LEA-09B

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

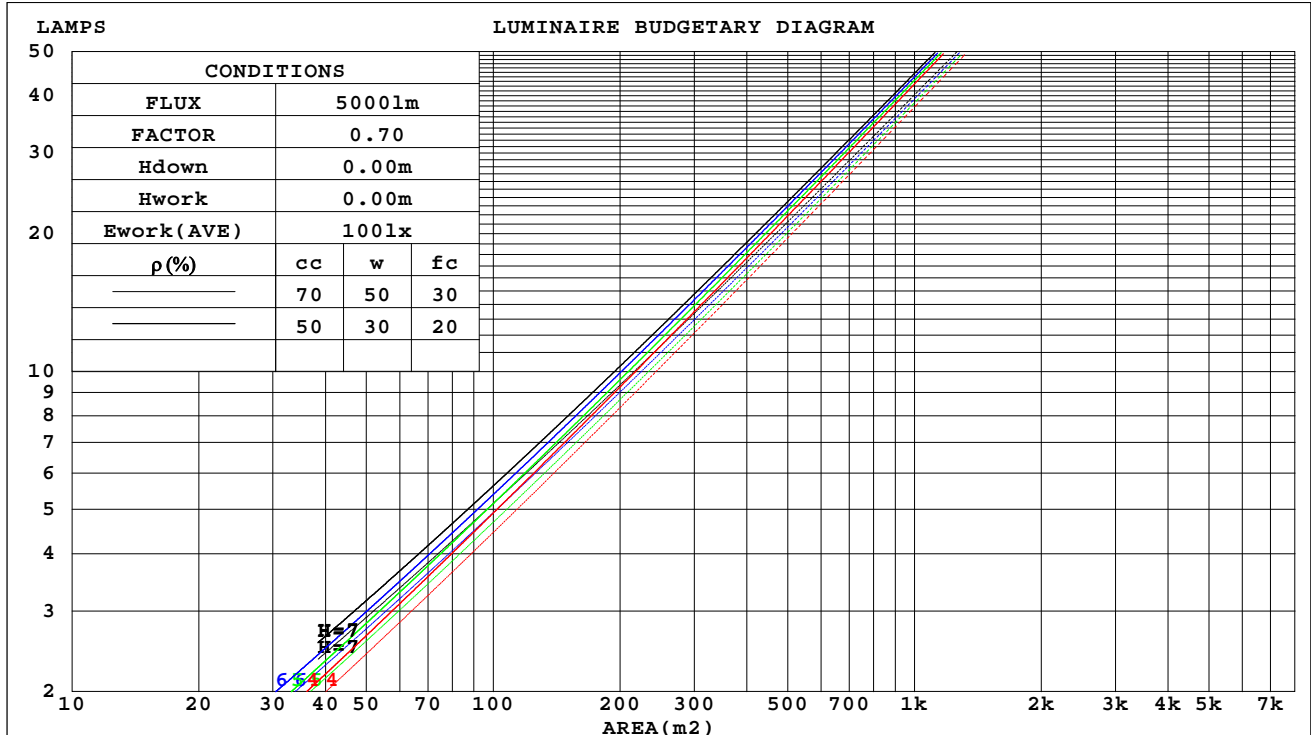
SERIAL No.: 2211041122

MFR.: RISE

SUR.: 0.0016m2

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	.78	.78	.78	.76	.76	.76	.73	.73	.73	.70	.70	.70	.67	.67	.67	.66
1.0	.74	.72	.71	.72	.71	.70	.70	.69	.68	.67	.66	.66	.65	.64	.64	.63
2.0	.70	.68	.66	.69	.67	.65	.67	.65	.64	.65	.63	.62	.63	.62	.61	.60
3.0	.66	.64	.62	.65	.63	.61	.64	.62	.60	.62	.61	.59	.61	.59	.58	.57
4.0	.63	.60	.58	.62	.60	.58	.61	.59	.57	.60	.58	.56	.59	.57	.56	.55
5.0	.60	.57	.55	.60	.57	.55	.59	.56	.54	.58	.56	.54	.57	.55	.54	.53
6.0	.58	.55	.52	.57	.54	.52	.56	.54	.52	.56	.53	.52	.55	.53	.51	.51
7.0	.55	.52	.50	.55	.52	.50	.54	.52	.50	.54	.51	.50	.53	.51	.49	.49
8.0	.53	.50	.48	.53	.50	.48	.52	.50	.48	.52	.49	.48	.51	.49	.47	.47
9.0	.51	.48	.46	.51	.48	.46	.50	.48	.46	.50	.47	.46	.49	.47	.46	.45
10.0	.49	.46	.44	.49	.46	.44	.49	.46	.44	.48	.46	.44	.48	.46	.44	.43



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Zoe
Test Date:2022-11-4

γ Range: 0 - 180DEG
 γ 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:CMA1306-0000-000F0U0A30G Ra:90
LENS: PM-1084B 36R
NO DRIVER:500mA
30minutes warm-up

WEC AND CCEC

Test:U:18.690V I:0.4998A P:9.3415W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.118-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211041122
MFR.: RISE	SUR.: 0.0016m2	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	.098	.055	.018	.093	.053	.017	.085	.049	.016	.078	.045	.014	.071	.041	.013	
2.0	.091	.050	.015	.088	.048	.015	.081	.045	.014	.075	.042	.013	.069	.039	.012	
3.0	.086	.046	.014	.083	.044	.013	.077	.042	.013	.072	.039	.012	.067	.037	.011	
4.0	.081	.042	.012	.079	.041	.012	.074	.039	.012	.069	.037	.011	.065	.035	.011	
5.0	.077	.039	.011	.075	.038	.011	.071	.037	.011	.067	.035	.010	.063	.034	.010	
6.0	.073	.037	.011	.071	.036	.010	.068	.035	.010	.064	.033	.010	.061	.032	.010	
7.0	.070	.035	.010	.068	.034	.010	.065	.033	.009	.062	.032	.009	.059	.031	.009	
8.0	.067	.033	.009	.066	.032	.009	.063	.031	.009	.060	.030	.009	.058	.030	.009	
9.0	.064	.031	.009	.063	.031	.009	.060	.030	.008	.058	.029	.008	.056	.028	.008	
10.0	.062	.030	.008	.061	.029	.008	.058	.029	.008	.056	.028	.008	.054	.027	.008	

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	.125	.125	.125	.107	.107	.107	.073	.073	.073	.042	.042	.042	.013	.013	.013		
1.0	.111	.103	.096	.095	.089	.083	.065	.061	.057	.037	.035	.033	.012	.011	.011		
2.0	.100	.087	.076	.085	.075	.066	.058	.052	.046	.034	.030	.027	.011	.010	.009		
3.0	.090	.074	.062	.077	.064	.053	.053	.045	.037	.031	.026	.022	.010	.008	.007		
4.0	.083	.064	.051	.071	.056	.044	.049	.039	.031	.028	.023	.018	.009	.007	.006		
5.0	.076	.056	.042	.065	.049	.037	.045	.034	.026	.026	.020	.015	.008	.007	.005		
6.0	.071	.050	.035	.061	.043	.031	.042	.030	.022	.024	.018	.013	.008	.006	.004		
7.0	.066	.045	.030	.057	.039	.026	.039	.027	.019	.023	.016	.011	.007	.005	.004		
8.0	.062	.041	.026	.053	.035	.023	.037	.025	.016	.021	.015	.010	.007	.005	.003		
9.0	.058	.037	.022	.050	.032	.020	.035	.023	.014	.020	.013	.008	.007	.004	.003		
10.0	.055	.034	.020	.048	.029	.017	.033	.021	.012	.019	.012	.007	.006	.004	.002		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Zoe
Test Date:2022-11-4

γ Range: 0 - 180DEG
γ 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:CMA1306-0000-000F0U0A30G Ra:90
LENS: PM-1084B 36R
NO DRIVER:500mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:18.690V I:0.4998A P:9.3415W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm										
NAME: 2218.118-LEA-09B					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2211041122		
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	14.3	15.0	14.5	15.2	15.4	13.1	13.8	13.3	14.0	14.1
3H	14.2	14.8	14.4	15.0	15.2	12.9	13.6	13.2	13.8	14.0
4H	14.1	14.7	14.3	14.9	15.2	12.9	13.5	13.1	13.7	13.9
6H	14.0	14.6	14.3	14.8	15.1	12.8	13.4	13.1	13.6	13.9
8H	13.9	14.5	14.2	14.8	15.0	12.7	13.3	13.0	13.6	13.8
12H	13.9	14.5	14.2	14.7	15.0	12.7	13.3	13.0	13.5	13.8
4H 2H	14.1	14.7	14.3	14.9	15.1	12.9	13.5	13.1	13.7	13.9
3H	13.9	14.5	14.2	14.7	15.0	12.7	13.3	13.0	13.5	13.8
4H	13.8	14.3	14.2	14.6	14.9	12.6	13.1	12.9	13.4	13.7
6H	13.7	14.2	14.1	14.5	14.8	12.5	13.0	12.9	13.3	13.6
8H	13.7	14.1	14.1	14.4	14.8	12.5	12.9	12.8	13.2	13.6
12H	13.6	14.0	14.0	14.4	14.8	12.4	12.8	12.8	13.2	13.5
8H 4H	13.7	14.1	14.1	14.4	14.8	12.5	12.9	12.8	13.2	13.6
6H	13.6	13.9	14.0	14.3	14.7	12.3	12.7	12.8	13.1	13.5
8H	13.5	13.8	13.9	14.2	14.7	12.3	12.6	12.7	13.0	13.5
12H	13.4	13.7	13.9	14.1	14.6	12.2	12.5	12.7	12.9	13.4
12H 4H	13.6	14.0	14.0	14.4	14.8	12.4	12.8	12.8	13.2	13.5
6H	13.5	13.8	13.9	14.2	14.7	12.3	12.6	12.7	13.0	13.5
8H	13.4	13.7	13.9	14.1	14.6	12.2	12.5	12.7	12.9	13.4
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 4.2 / -12.1					+ 4.1 / -12.0				
1.5H	+ 6.9 / -11.4					+ 6.8 / -10.7				
2.0H	+ 4.5 / - 3.1					+ 4.4 / - 2.6				

CIE Pub.117, 919.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.3)
Area: 0.0016 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Zoe
Test Date:2022-11-4

γ Range: 0 - 180DEG
γ 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:CMA1306-0000-000F0U0A30G Ra:90
LENS: PM-1084B 36R
NO DRIVER:500mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:18.690V I:0.4998A P:9.3415W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.118-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211041122
MFR.: RISE	SUR.: 0.0016m2	Shielding Angle:

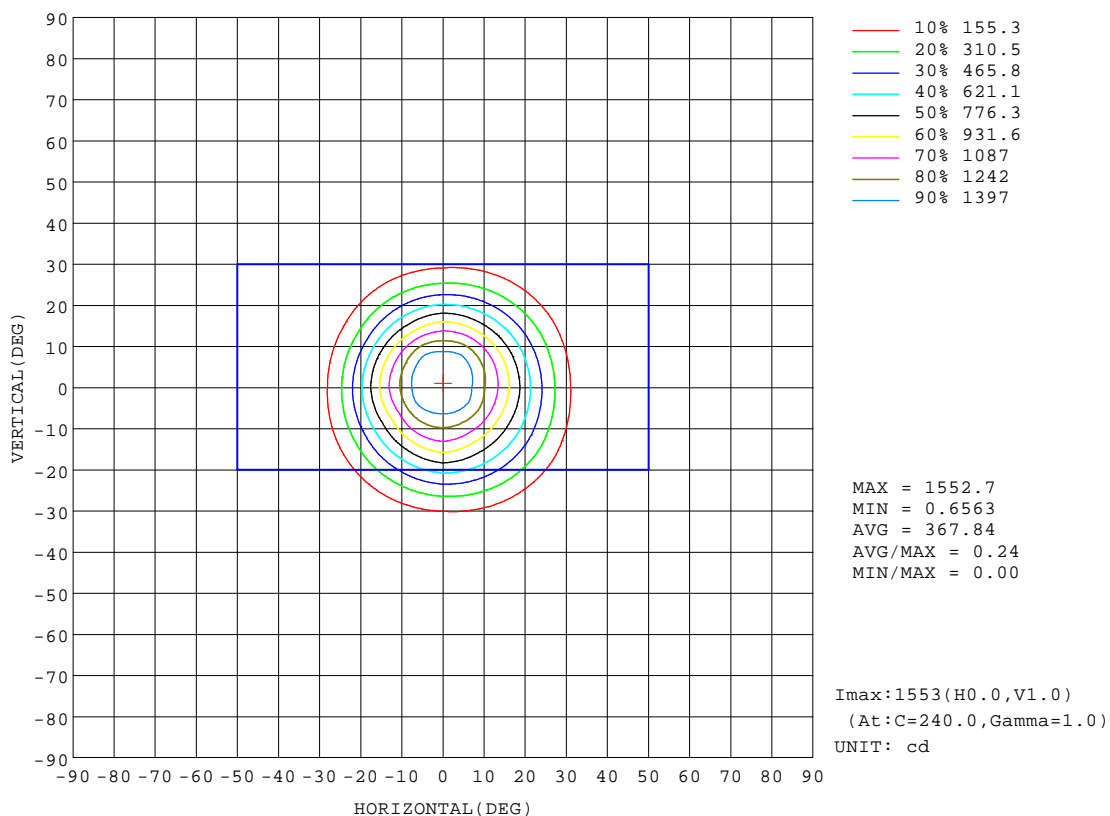
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	60	56	54	59	56	54	59	56	54	52
0.80	64	61	59	64	61	59	63	60	58	56
1.00	67	63	61	66	63	61	65	63	61	58
1.25	69	66	64	68	66	64	67	65	63	61
1.50	71	68	66	70	67	66	68	66	65	62
2.00	72	70	68	71	69	67	69	68	66	63
2.50	73	71	69	72	70	68	70	68	67	63
3.00	74	72	70	73	71	70	71	69	68	64
4.00	75	73	72	74	72	71	71	70	70	65
5.00	76	75	74	75	73	72	72	71	70	66
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:2022-11-4

γ Range: 0 - 180DEG
γ 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:CMA1306-0000-000F0U0A30G Ra:90
LENS: PM-1084B 36R
NO DRIVER:500mA
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:18.690V I:0.4998A P:9.3415W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.118-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211041122
MFR.: RISE	SUR.: 0.0016m2	Shielding Angle:

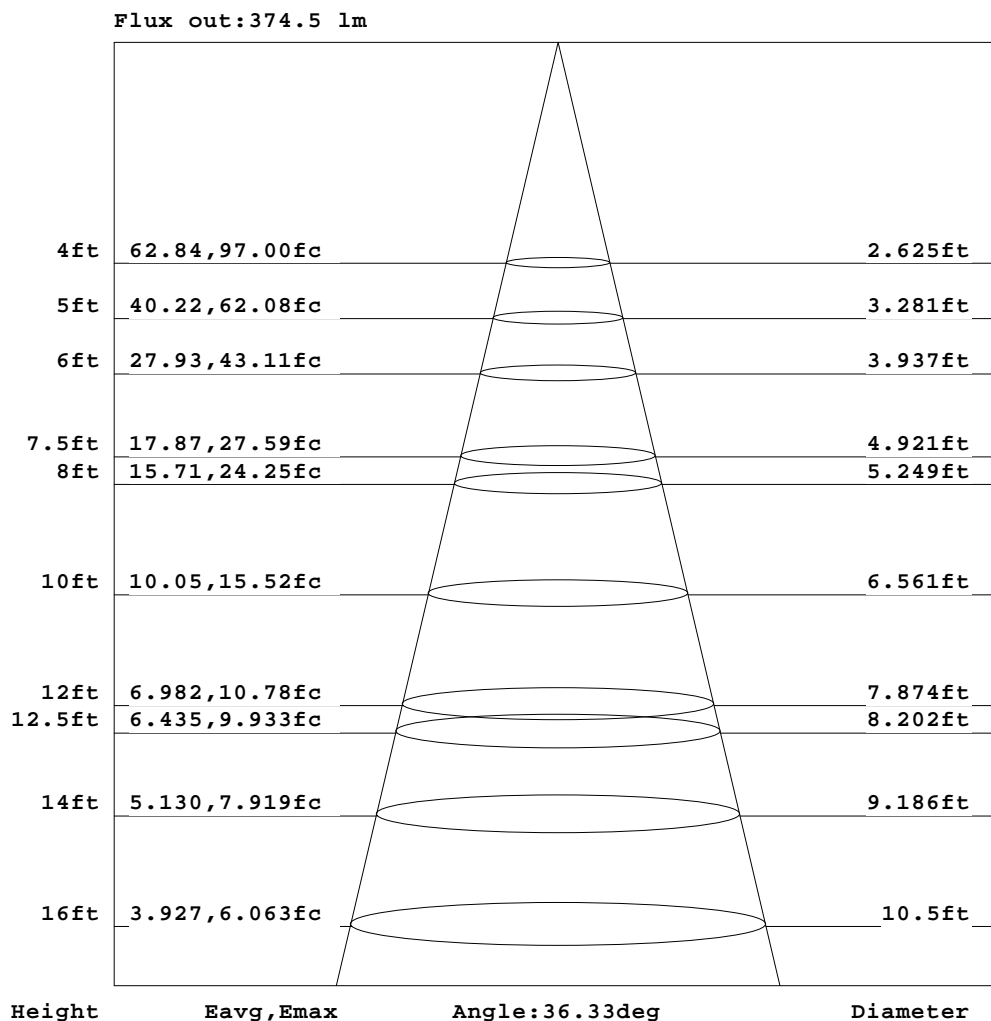


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Zoe
Test Date:2022-11-4

γ Range: 0 - 180DEG
γ 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:CMA1306-0000-000F0U0A30G Ra:90
LENS: PM-1084B 36R
NO DRIVER:500mA
30minutes warm-up

AAI Figure

Test:U:18.690V I:0.4998A P:9.3415W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.118-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211041122
MFR.: RISE	SUR.: 0.0016m2	Shielding Angle:



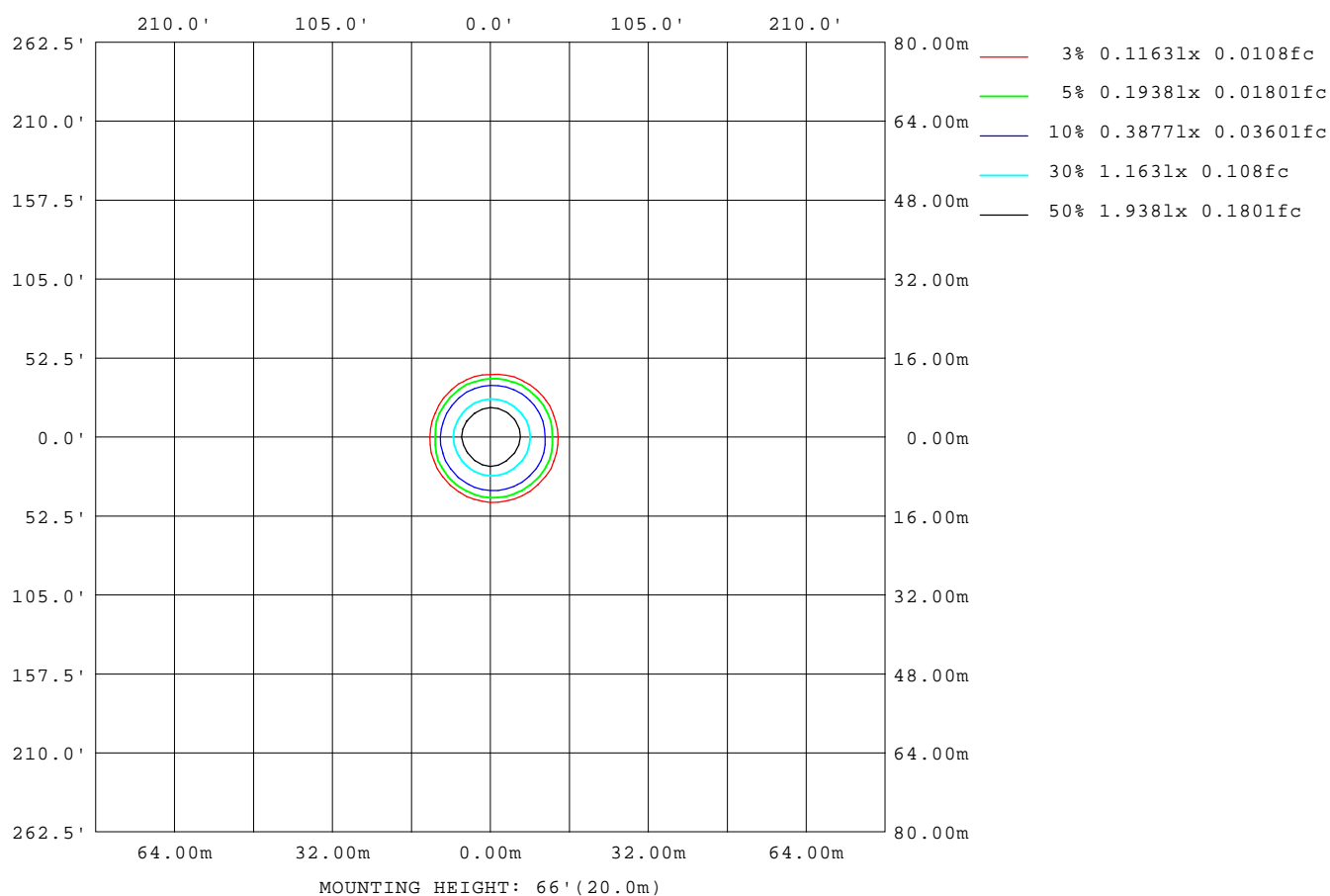
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: Zoe
Test Date: 2022-11-4

γ Range: 0 - 180DEG
γ 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: CMA1306-0000-000F0U0A30G Ra:90
LENS: PM-1084B 36R
NO DRIVER: 500mA
30minutes warm-up

ISOLUX DIAGRAM

Test:U:18.690V I:0.4998A P:9.3415W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.118-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211041122
MFR.: RISE	SUR.: 0.0016m2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3 °C
Operators:Zoe
Test Date:2022-11-4

γ Range: 0 - 180DEG
γ 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:CMA1306-0000-000F0U0A30G Ra:90
LENS: PM-1084B 36R
NO DRIVER:500mA
30minutes warm-up

LED Avg.L Report

Test:U:18.690V I:0.4998A P:9.3415W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.118-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211041122
MFR.: RISE	SUR.: 0.0016m2	Shielding Angle:

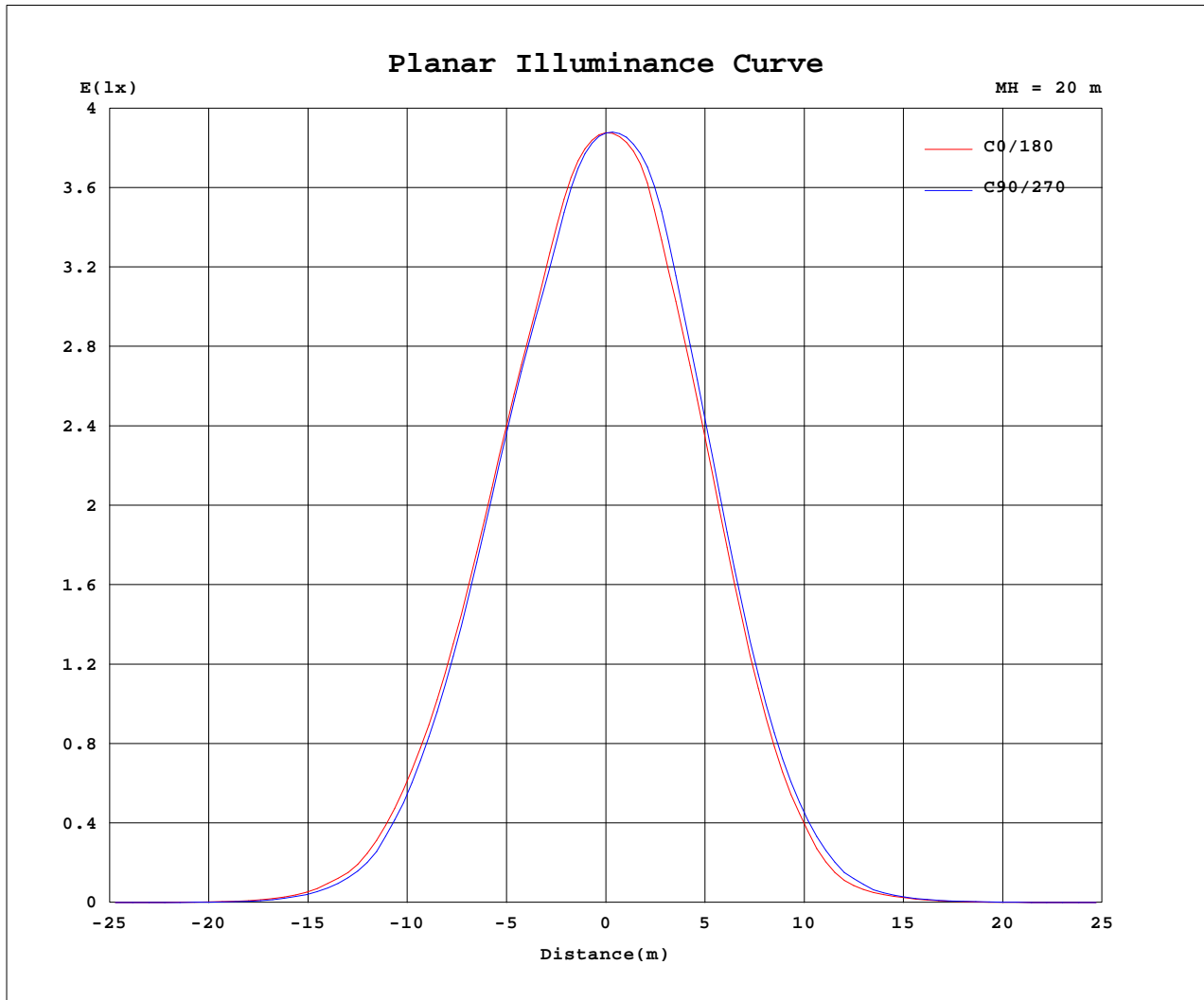
AvgL	cd/m2
L_0~180(65)av	701
L_0~180(75)av	368
L_0~180(85)av	169
L_90~270(65)av	682
L_90~270(75)av	278
L_90~270(85)av	114
L_45(65)av	686
L_45(75)av	652
L_45(85)av	91

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Zoe
Test Date:2022-11-4

γ Range: 0 - 180DEG
γ 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:CMA1306-0000-000F0U0A30G Ra:90
LENS: PM-1084B 36R
NO DRIVER:500mA
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: 2022-11-4

γ Range: 0 - 180DEG
 γ 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: CMA1306-0000-000F0U0A30G Ra:90
 LENS: PM-1084B 36R
 NO DRIVER: 500mA
 30minutes warm-up

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:18.690V I:0.4998A P:9.3415W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.118-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211041122
MFR.: RISE	SUR.: 0.0016m2	Shielding Angle:

Table--1

UNIT: cd

C(DEC)	0	30	60	90	120	150	180	210	240	270	300	330						
γ (DEC)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550						
5	1477	1476	1461	1456	1469	1493	1505	1515	1527	1526	1523	1502						
10	1249	1253	1230	1233	1235	1242	1267	1286	1343	1322	1347	1298						
15	999	959	945	980	941	905	961	954	961	1000	1003	1009						
20	699	684	670	672	622	589	599	580	601	634	650	679						
25	419	430	411	385	341	308	292	281	306	327	364	400						
30	193	215	192	158	140	119	93.2	101	118	125	159	185						
35	70.0	73.2	64.9	54.1	41.8	31.8	28.9	26.3	31.6	36.1	49.3	64.6						
40	18.4	21.3	15.8	13.1	11.9	9.94	8.62	9.11	9.00	10.4	13.9	16.8						
45	3.58	4.86	4.15	2.54	3.16	3.10	2.43	2.97	3.08	2.78	4.08	4.75						
50	1.37	1.44	1.37	1.07	1.17	1.23	1.13	1.25	1.28	1.13	1.38	1.48						
55	0.86	0.80	0.76	0.65	0.71	0.72	0.71	0.73	0.74	0.68	0.74	0.83						
60	0.62	0.58	0.53	0.49	0.49	0.49	0.51	0.51	0.51	0.48	0.54	0.59						
65	0.51	0.48	0.44	0.42	0.41	0.41	0.44	0.47	0.49	0.50	0.51	0.50						
70	0.43	0.40	0.34	0.34	0.31	0.31	0.39	0.44	0.53	0.66	0.54	0.48						
75	0.24	0.27	0.21	0.09	0.08	0.08	0.06	0.12	0.36	0.14	0.53	0.39						
80	0.05	0.05	0.05	0.05	0.04	0.03	0.04	0.03	0.03	0.04	0.04	0.04						
85	0.03	0.02	0.01	0.02	0.01	0.01	0.02	0.02	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
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Humidity:65.0%
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