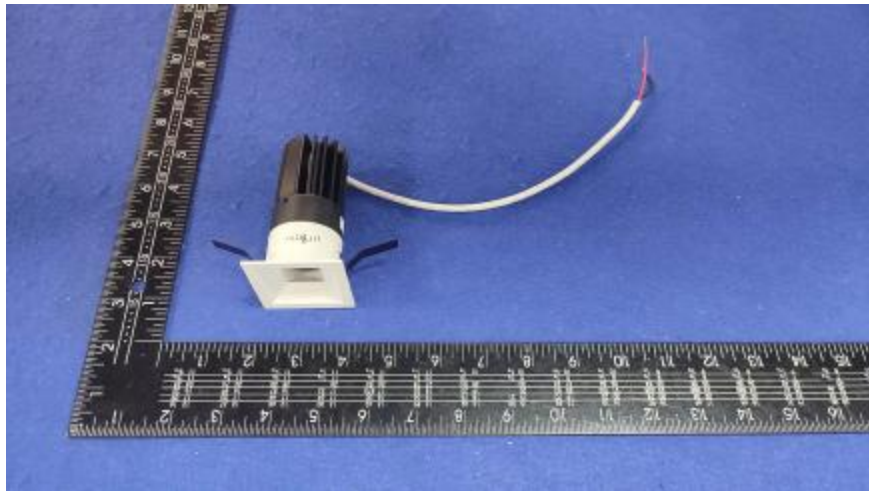


Luminaire Photograph



Light Output Ratio:	60.0%	
Luminaire Power:	9.365 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: 2022-11-3

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: CMA1306-0000-000F0U0A30G Ra:90
LENS: PM-1084 15R
NO DRIVER: 500mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

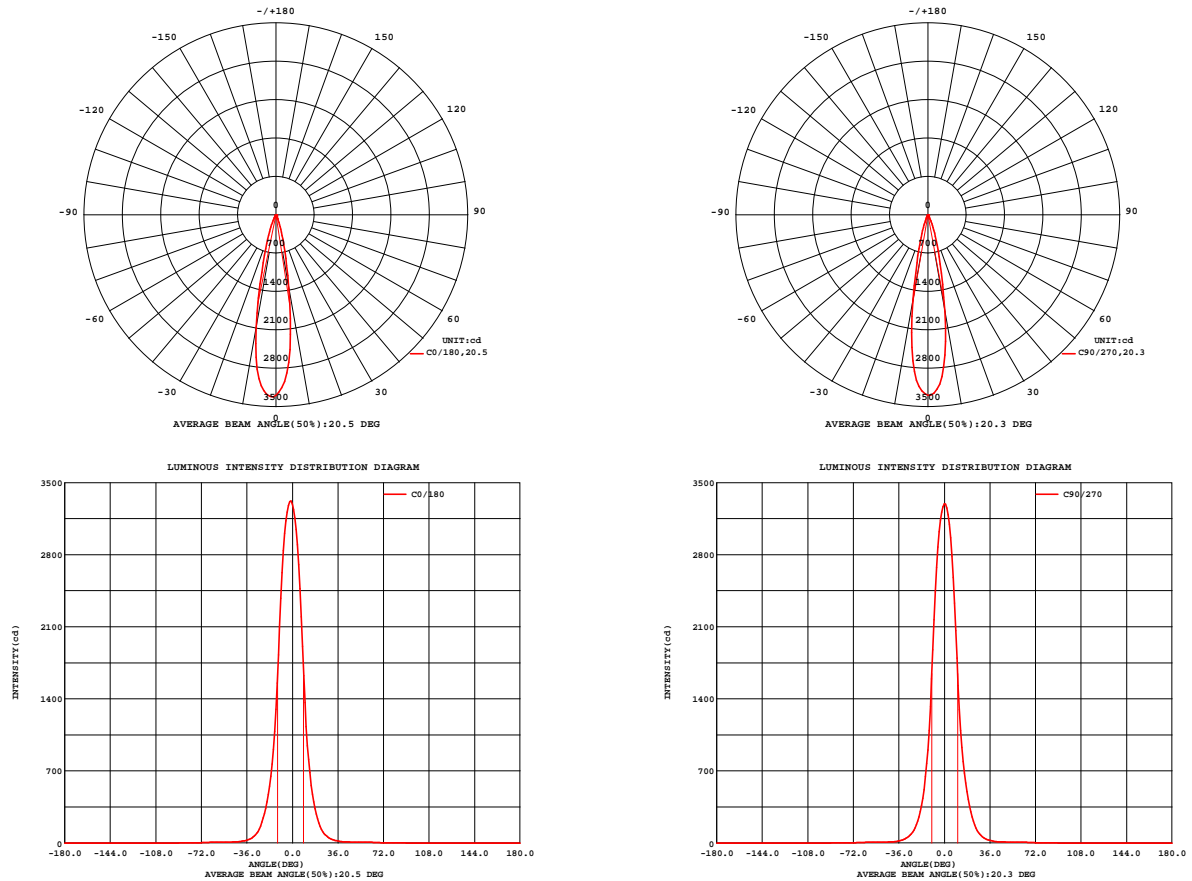


Fig. C0/C180

Fig. C90/C270

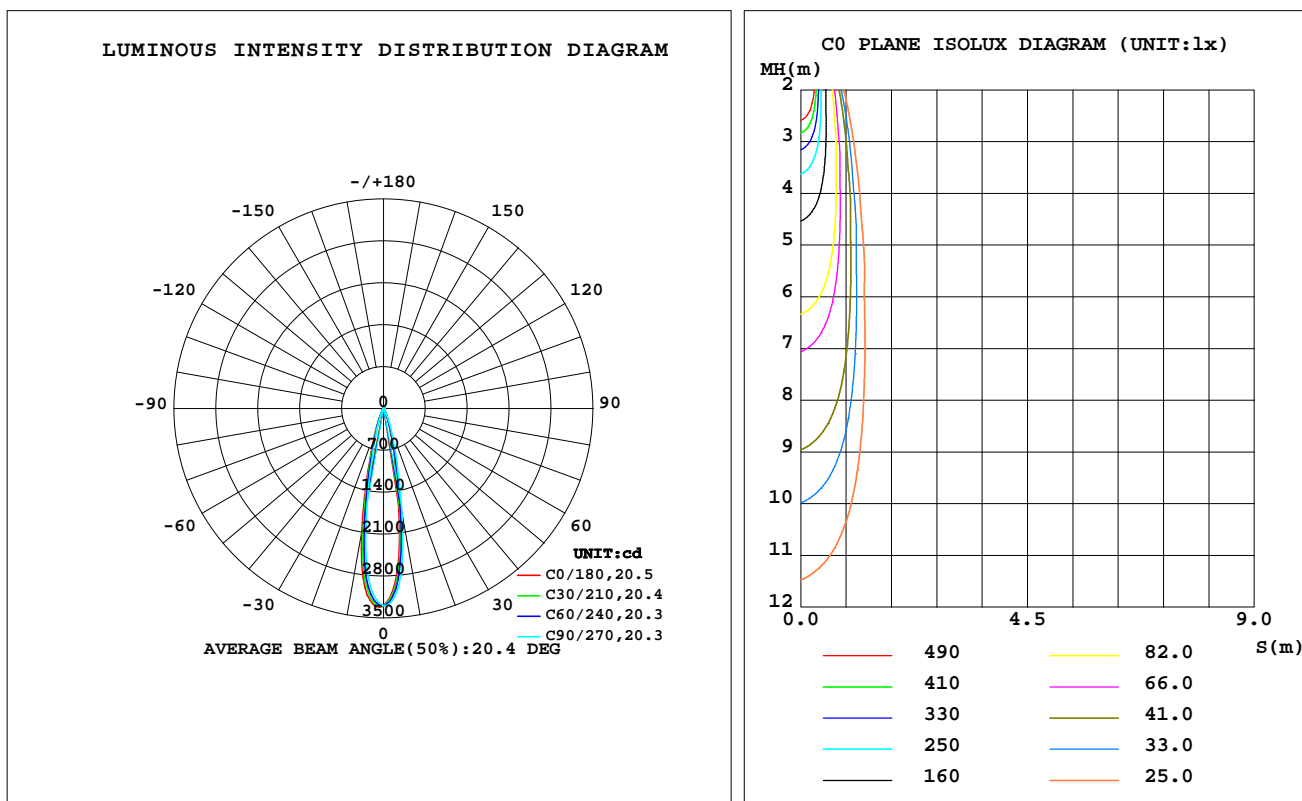
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: Zoe
Test Date: 2022-11-3

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: CMA1306-0000-000F0U0A30G Ra: 90
LENS: PM-1084 15R
NO DRIVER: 500mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:18.738V I:0.4998A P:9.3654W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.117-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211031110
MFR.: RISE	SUR.: 0.0016m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 58.89 lm/W			
MODEL	CREE	I _{max} (cd)	3321	S/MH(C0/180)	0.38
NOMINAL POWER(W)	9	LOR(%)	60.0	S/MH(C90/270)	0.33
RATED VOLTAGE(V)	18	TOTAL FLUX(lm)	551.48	UP,DN(C0-180)	0.0,30.0
NOMINAL FLUX(lm)	919.82	CIE CLASS	DIRECT	UP,DN(C180-360)	0.0,29.9
LAMPS INSIDE	1	up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	18	down(%)	60.0	CIBSE SHR MAX	0.30



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Zoe
Test Date:2022-11-3

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:CMA1306-0000-000F0U0A30G Ra:90
LENS: PM-1084 15R
NO DRIVER:500mA
30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

	C0	C45	C90	C135	C180	C225	C270	C315		zone	total	%lum,lamp
10	1363	1534	1795	1905	2101	1882	1593	1482	0- 10	238.3	238.3	43.2,25.9
20	234.8	273.8	359.5	353.4	398.2	314.7	254.4	237.3	10- 20	209.0	447.3	81.1,48.6
30	42.54	54.15	61.13	66.56	67.18	58.75	46.74	45.08	20- 30	62.88	510.2	92.5,55.5
40	12.01	15.33	14.32	18.07	15.94	16.02	11.99	13.20	30- 40	18.63	528.8	95.9,57.5
50	8.403	8.725	9.092	8.885	8.841	8.193	7.742	7.865	40- 50	7.987	536.8	97.3,58.4
60	7.359	7.725	7.707	7.839	7.293	6.997	6.501	6.884	50- 60	7.034	543.8	98.6,59.1
70	3.030	4.045	4.038	4.689	4.255	3.951	2.964	3.457	60- 70	5.953	549.8	99.7,59.8
80	0.3453	0.2788	0.3042	0.3394	0.4247	0.3252	0.2760	0.2601	70- 80	1.547	551.3	100,59.9
90	0	0	0	0	0	0	0	0	80- 90	0.1601	551.5	100,60
100	0	0	0	0	0	0	0	0	90-100	0	551.5	100,60
110	0	0	0	0	0	0	0	0	100-110	0	551.5	100,60
120	0	0	0	0	0	0	0	0	110-120	0	551.5	100,60
130	0	0	0	0	0	0	0	0	120-130	0	551.5	100,60
140	0	0	0	0	0	0	0	0	130-140	0	551.5	100,60
150	0	0	0	0	0	0	0	0	140-150	0	551.5	100,60
160	0	0	0	0	0	0	0	0	150-160	0	551.5	100,60
170	0	0	0	0	0	0	0	0	160-170	0	551.5	100,60
180	0	0	0	0	0	0	0	0	170-180	0	551.5	100,60
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:Zoe
 Test Date:2022-11-3

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:CMA1306-0000-000F0U0A30G Ra:90
 LENS: PM-1084 15R
 NO DRIVER:500mA
 30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:18.738V I:0.4998A P:9.3654W PF:1.0000 Freq:59.99Hz
Lamp Flux:919.82x1 lm

NAME: 2218.117-LEA-09B

TYPE:

WEIGHT:

SPEC.: 3000K

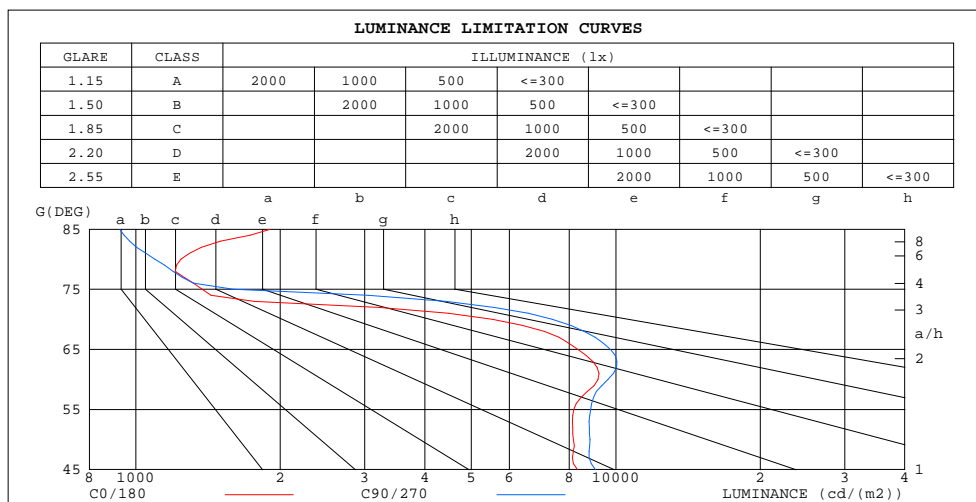
DIM.:

SERIAL No.: 2211031110

MFR.: RISE

SUR.: 0.0016m2

Shielding Angle:



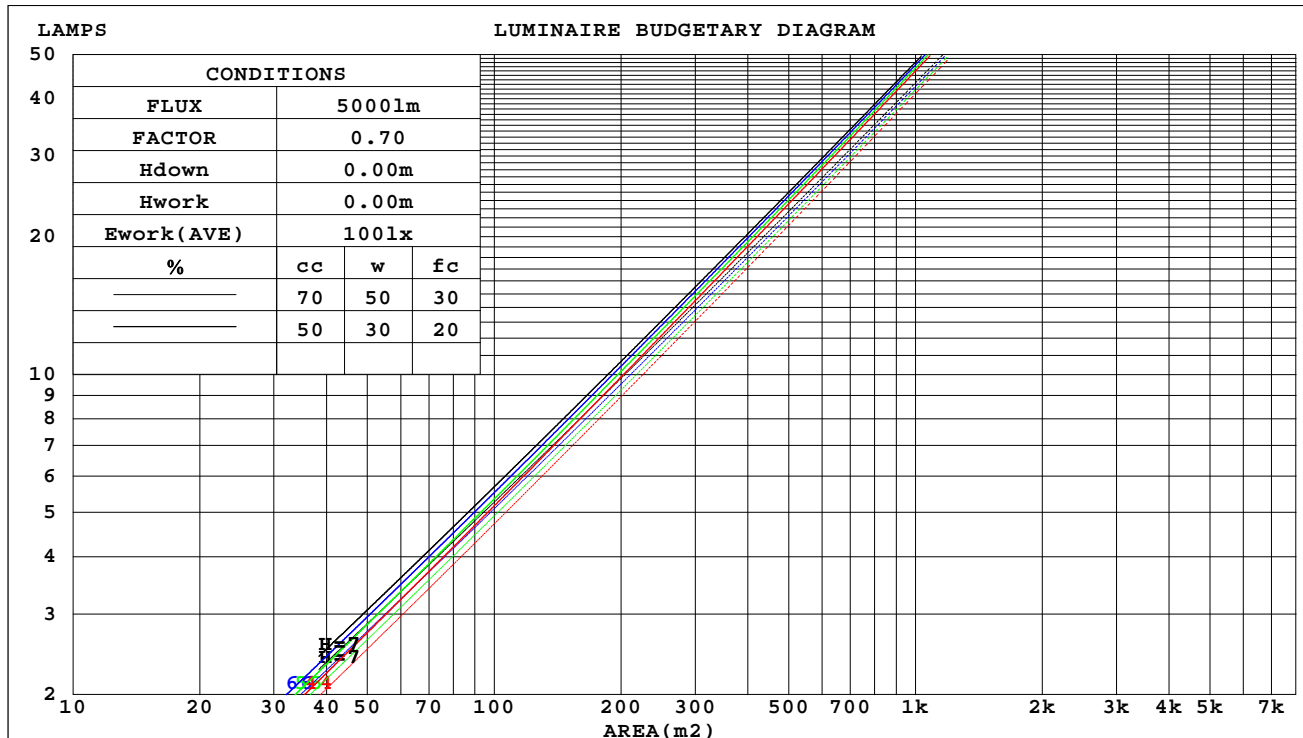
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Zoe
Test Date:2022-11-3

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:CMA1306-0000-000F0U0A30G Ra:90
LENS: PM-1084 15R
NO DRIVER:500mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:18.738V I:0.4998A P:9.3654W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.117-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211031110
MFR.: RISE	SUR.: 0.0016m2	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	.71	.71	.71	.70	.70	.70	.67	.67	.67	.64	.64	.64	.61	.61	.61	.60														
1.0	.68	.67	.65	.66	.65	.64	.64	.63	.62	.62	.61	.61	.60	.59	.59	.58														
2.0	.64	.63	.61	.63	.62	.60	.62	.60	.59	.60	.59	.58	.58	.57	.57	.56														
3.0	.62	.60	.58	.61	.59	.57	.59	.58	.57	.58	.57	.56	.57	.56	.55	.54														
4.0	.59	.57	.55	.59	.57	.55	.58	.56	.54	.56	.55	.54	.55	.54	.53	.52														
5.0	.57	.55	.53	.57	.55	.53	.56	.54	.52	.55	.53	.52	.54	.53	.52	.51														
6.0	.56	.53	.51	.55	.53	.51	.54	.52	.51	.54	.52	.50	.53	.51	.50	.50														
7.0	.54	.51	.50	.54	.51	.50	.53	.51	.49	.52	.50	.49	.52	.50	.49	.48														
8.0	.52	.50	.48	.52	.50	.48	.52	.50	.48	.51	.49	.48	.51	.49	.48	.47														
9.0	.51	.49	.47	.51	.49	.47	.50	.48	.47	.50	.48	.47	.49	.48	.47	.46														
10.0	.50	.47	.46	.50	.47	.46	.49	.47	.46	.49	.47	.46	.48	.47	.46	.45														



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Zoe
Test Date:2022-11-3

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:CMA1306-0000-000F0U0A30G Ra:90
LENS: PM-1084 15R
NO DRIVER:500mA
30minutes warm-up

WEC AND CCEC

Test:U:18.738V I:0.4998A P:9.3654W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.117-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211031110
MFR.: RISE	SUR.: 0.0016m2	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	.083	.047	.015	.079	.045	.014	.071	.041	.013	.064	.037	.012	.058	.034	.011	
2.0	.077	.042	.013	.073	.040	.012	.067	.037	.012	.062	.035	.011	.056	.032	.010	
3.0	.071	.038	.011	.068	.037	.011	.063	.034	.010	.059	.032	.010	.054	.030	.009	
4.0	.066	.034	.010	.064	.033	.010	.060	.032	.009	.056	.030	.009	.052	.028	.009	
5.0	.062	.032	.009	.060	.031	.009	.056	.029	.009	.053	.028	.008	.050	.027	.008	
6.0	.058	.029	.008	.057	.029	.008	.054	.027	.008	.051	.026	.008	.048	.025	.007	
7.0	.055	.027	.008	.054	.027	.008	.051	.026	.007	.048	.025	.007	.046	.024	.007	
8.0	.052	.026	.007	.051	.025	.007	.049	.024	.007	.046	.023	.007	.044	.023	.007	
9.0	.050	.024	.007	.049	.024	.007	.046	.023	.007	.045	.022	.006	.043	.022	.006	
10.0	.047	.023	.006	.046	.022	.006	.045	.022	.006	.043	.021	.006	.041	.021	.006	

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	.114	.114	.114	.098	.098	.098	.067	.067	.067	.038	.038	.038	.012	.012	.012	
1.0	.101	.095	.089	.086	.081	.076	.059	.056	.053	.034	.032	.031	.011	.010	.010	
2.0	.090	.080	.071	.077	.068	.061	.053	.047	.043	.031	.028	.025	.010	.009	.008	
3.0	.081	.068	.057	.070	.059	.050	.048	.041	.035	.028	.024	.021	.009	.008	.007	
4.0	.074	.059	.047	.063	.051	.041	.043	.035	.029	.025	.021	.017	.008	.007	.006	
5.0	.067	.051	.040	.058	.044	.034	.040	.031	.024	.023	.018	.014	.007	.006	.005	
6.0	.062	.045	.034	.053	.039	.029	.037	.027	.021	.021	.016	.012	.007	.005	.004	
7.0	.057	.040	.029	.049	.035	.025	.034	.025	.018	.020	.014	.011	.006	.005	.003	
8.0	.053	.036	.025	.046	.031	.022	.032	.022	.015	.018	.013	.009	.006	.004	.003	
9.0	.049	.033	.022	.043	.028	.019	.030	.020	.013	.017	.012	.008	.006	.004	.003	
10.0	.046	.030	.019	.040	.026	.017	.028	.018	.012	.016	.011	.007	.005	.004	.002	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Zoe
Test Date:2022-11-3

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:CMA1306-0000-000F0U0A30G Ra:90
LENS: PM-1084 15R
NO DRIVER:500mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:18.738V I:0.4998A P:9.3654W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm										
NAME: 2218.117-LEA-09B					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2211031110		
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	12.8	13.5	13.0	13.6	13.8	13.4	14.0	13.6	14.1	14.3
3H	14.0	14.6	14.2	14.7	14.9	14.7	15.3	14.9	15.4	15.6
4H	13.9	14.5	14.2	14.7	14.9	14.7	15.3	15.0	15.5	15.7
6H	13.9	14.4	14.2	14.7	14.9	14.7	15.2	14.9	15.4	15.7
8H	13.8	14.4	14.1	14.6	14.9	14.6	15.1	14.9	15.4	15.6
12H	13.8	14.3	14.1	14.6	14.8	14.6	15.1	14.9	15.3	15.6
4H 2H	13.6	14.2	13.9	14.4	14.6	14.0	14.6	14.3	14.8	15.0
3H	14.8	15.3	15.1	15.5	15.8	15.3	15.9	15.7	16.1	16.4
4H	14.7	15.2	15.1	15.5	15.8	15.4	15.9	15.7	16.2	16.5
6H	14.7	15.1	15.0	15.4	15.7	15.3	15.7	15.7	16.1	16.4
8H	14.6	15.0	15.0	15.3	15.7	15.3	15.7	15.7	16.0	16.4
12H	14.6	14.9	15.0	15.3	15.7	15.2	15.6	15.6	15.9	16.3
8H 4H	14.7	15.1	15.1	15.4	15.8	15.3	15.7	15.7	16.1	16.4
6H	14.6	14.9	15.0	15.3	15.7	15.3	15.6	15.7	16.0	16.4
8H	14.6	14.9	15.0	15.3	15.7	15.2	15.5	15.6	15.9	16.3
12H	14.5	14.8	15.0	15.2	15.7	15.1	15.4	15.6	15.8	16.3
12H 4H	14.6	15.0	15.1	15.4	15.8	15.3	15.6	15.7	16.0	16.4
6H	14.6	14.8	15.0	15.3	15.7	15.2	15.5	15.6	15.9	16.3
8H	14.5	14.8	15.0	15.2	15.7	15.1	15.4	15.6	15.8	16.3
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.4 / - 0.6					+ 0.4 / - 0.6				
1.5H	+ 0.6 / - 0.5					+ 0.8 / - 0.5				
2.0H	+ 0.9 / - 1.2					+ 0.7 / - 0.8				

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:2022-11-3

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:CMA1306-0000-000F0U0A30G Ra:90
LENS: PM-1084 15R
NO DRIVER:500mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:18.738V I:0.4998A P:9.3654W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.117-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211031110
MFR.: RISE	SUR.: 0.0016m2	Shielding Angle:

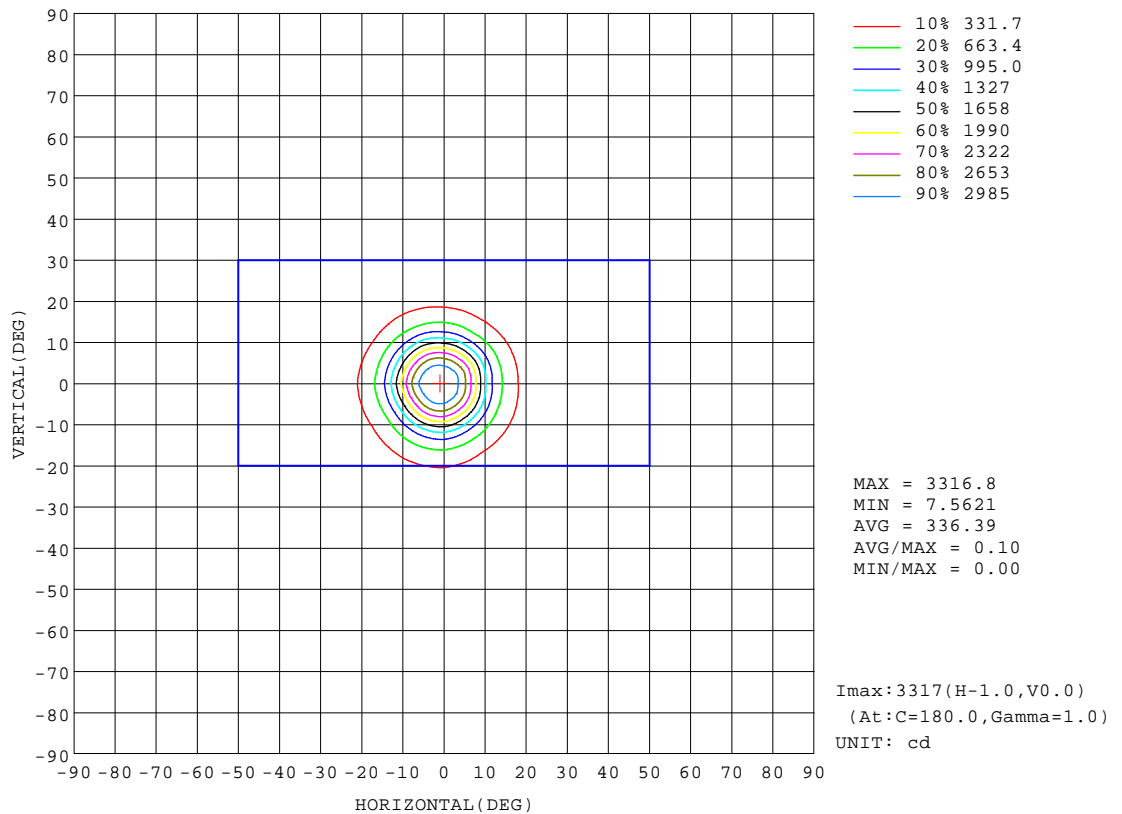
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	53	50	48	53	50	48	53	49	47	45
0.80	58	54	52	57	54	52	57	54	52	50
1.00	60	57	55	60	57	55	59	56	54	52
1.25	62	59	57	62	59	57	61	58	57	54
1.50	64	61	59	63	61	59	62	60	58	56
2.00	65	63	61	64	62	61	63	61	60	57
2.50	66	64	62	65	63	62	64	62	61	57
3.00	67	65	64	66	64	63	64	63	62	58
4.00	68	67	66	67	66	65	65	64	63	59
5.00	69	68	67	68	67	66	66	65	64	60
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:2022-11-3

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:CMA1306-0000-000F0U0A30G Ra:90
LENS: PM-1084 15R
NO DRIVER:500mA
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:18.738V I:0.4998A P:9.3654W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.117-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211031110
MFR.: RISE	SUR.: 0.0016m2	Shielding Angle:

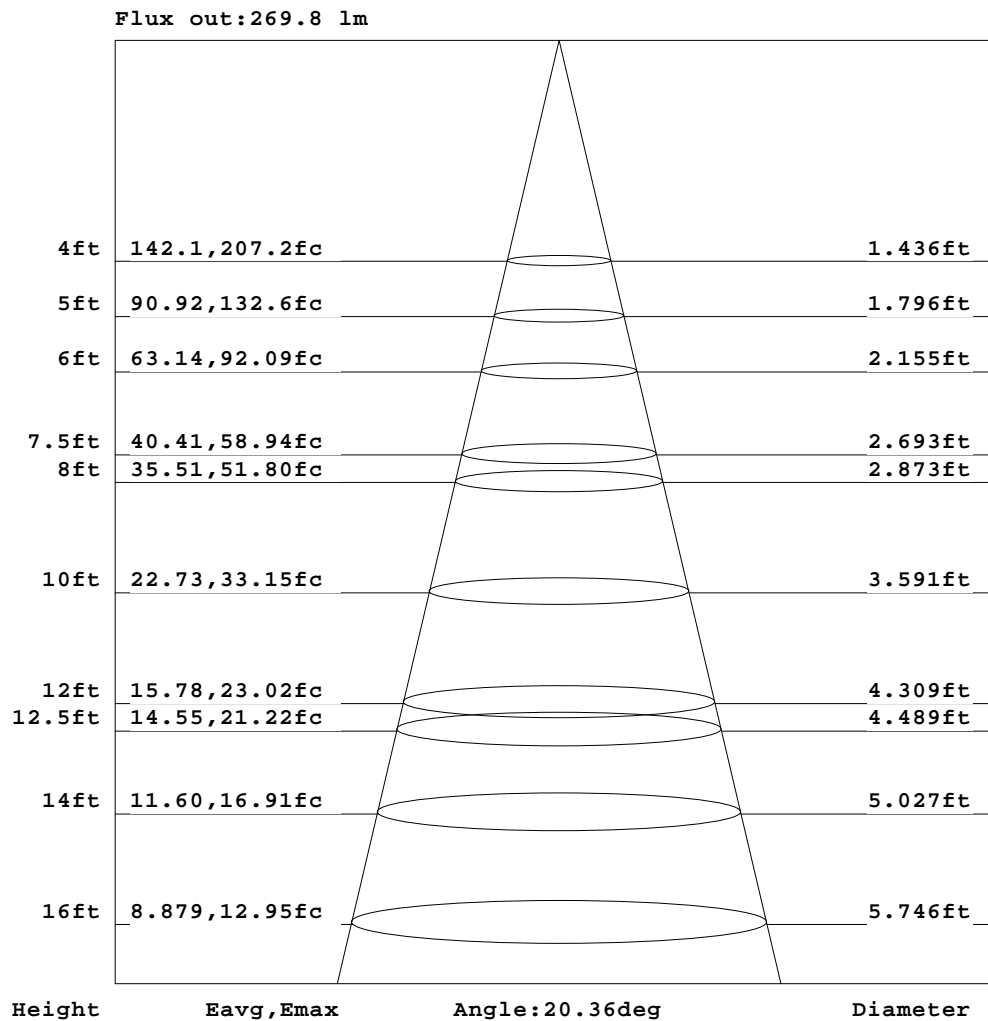


C Range: 0 - 360DEG
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Test Date:2022-11-3

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Remarks: LAMP:CMA1306-0000-000F0U0A30G Ra:90
LENS: PM-1084 15R
NO DRIVER:500mA
30minutes warm-up

AAI Figure

Test:U:18.738V I:0.4998A P:9.3654W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.117-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211031110
MFR.: RISE	SUR.: 0.0016m2	Shielding Angle:



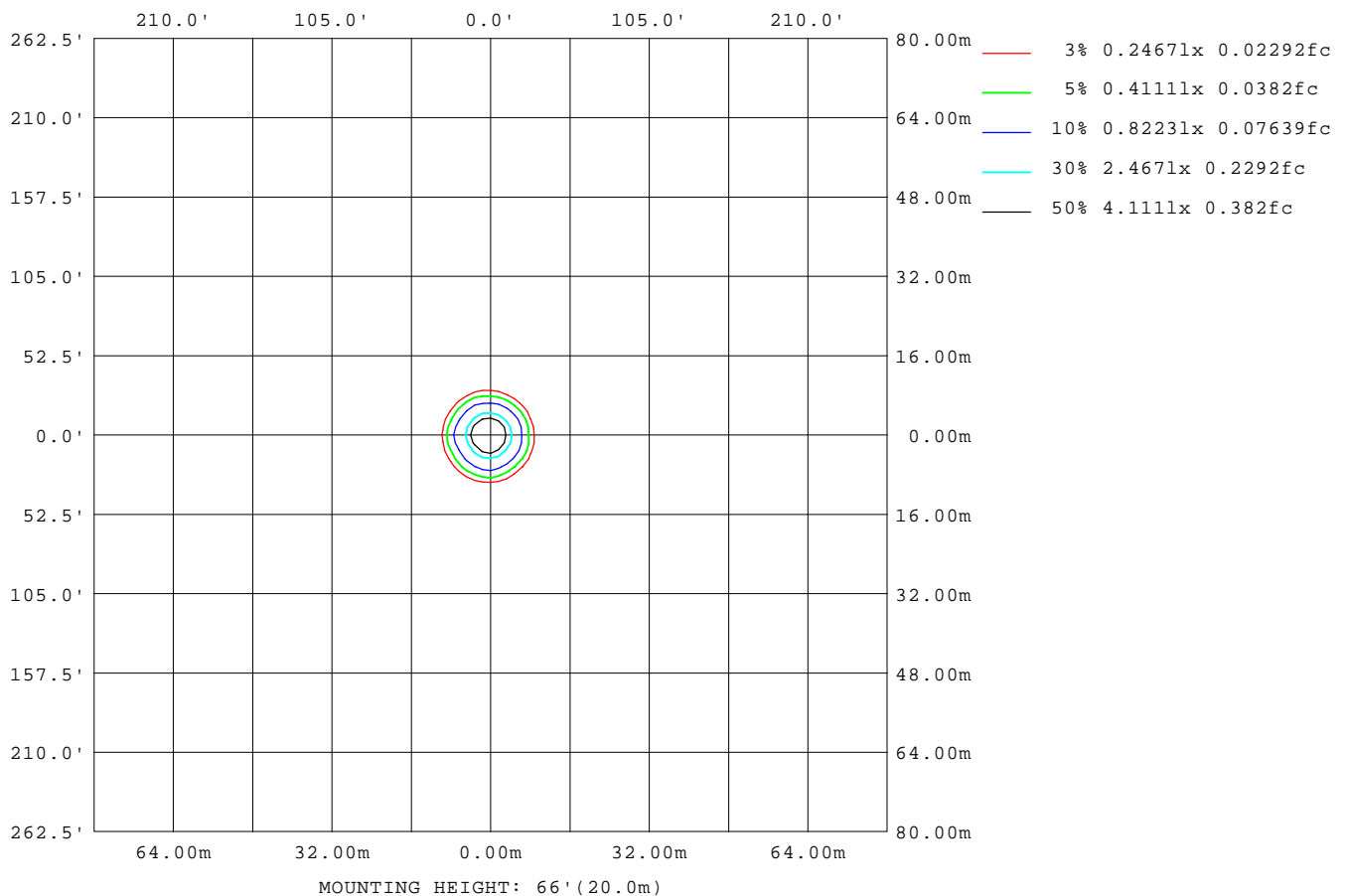
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: Zoe
Test Date: 2022-11-3

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: CMA1306-0000-000F0U0A30G Ra:90
LENS: PM-1084 15R
NO DRIVER: 500mA
30minutes warm-up

ISOLUX DIAGRAM

Test:U:18.738V I:0.4998A P:9.3654W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.117-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211031110
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: 2022-11-3

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: CMA1306-0000-000F0U0A30G Ra:90
LENS: PM-1084 15R
NO DRIVER: 500mA
30minutes warm-up

LED Avg.L Report

Test:U:18.738V I:0.4998A P:9.3654W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.117-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211031110
MFR.: RISE	SUR.: 0.0016m2	Shielding Angle:

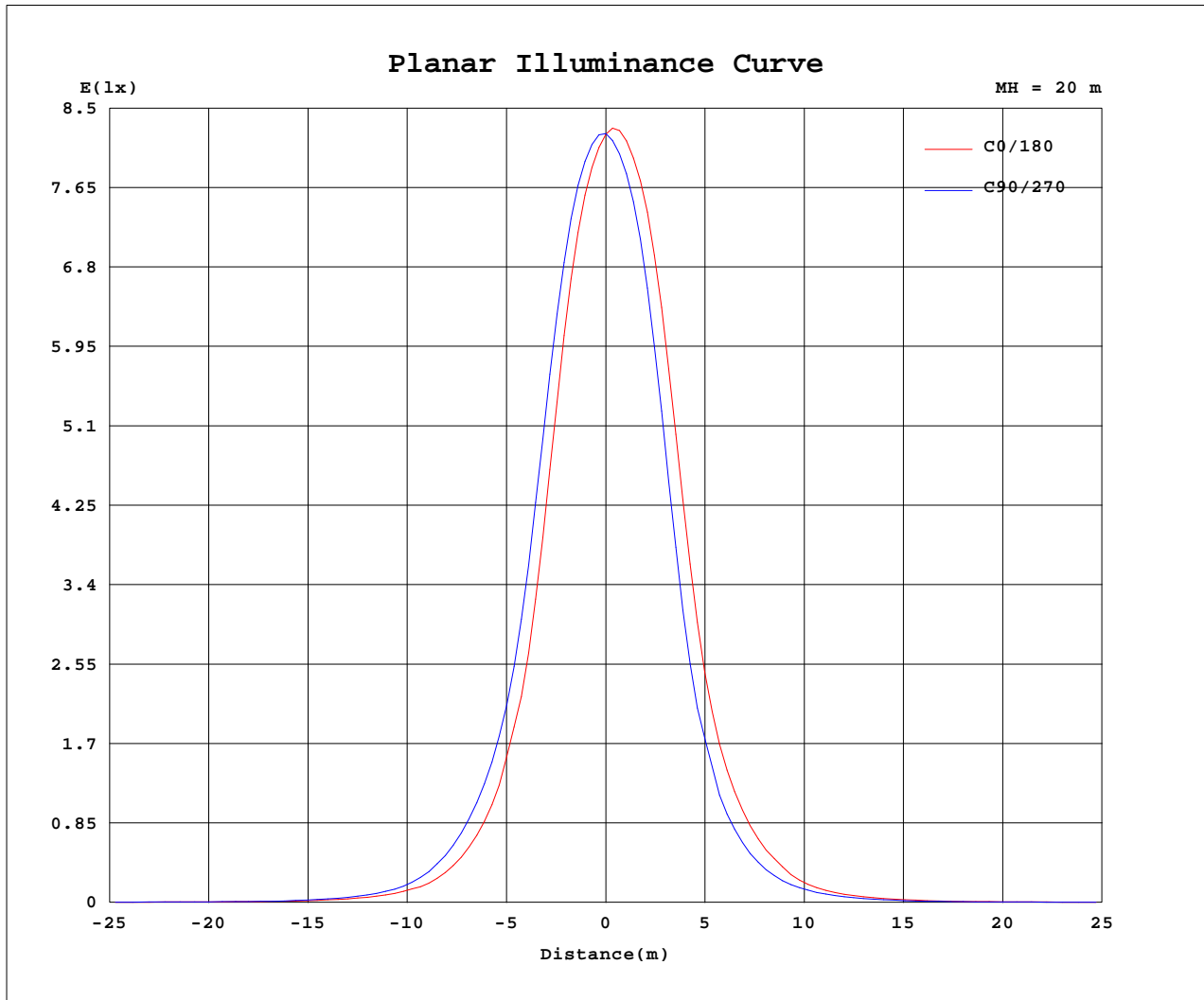
AvgL	cd/m2
L_0~180(65)av	8934
L_0~180(75)av	1849
L_0~180(85)av	1985
L_90~270(65)av	8760
L_90~270(75)av	1441
L_90~270(85)av	842
L_45(65)av	9547
L_45(75)av	3045
L_45(85)av	745

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Zoe
Test Date:2022-11-3

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:CMA1306-0000-000F0U0A30G Ra:90
LENS: PM-1084 15R
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: 2022-11-3

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: CMA1306-0000-000F0U0A30G Ra:90
 LENS: PM-1084 15R
 NO DRIVER: 500mA
 30minutes warm-up

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:18.738V I:0.4998A P:9.3654W PF:1.0000 Freq:59.99Hz Lamp Flux:919.82x1 lm		
NAME: 2218.117-LEA-09B	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2211031110
MFR.: RISE	SUR.: 0.0016m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	3293	3293	3293	3293	3293	3293	3293	3293	3293	3293	3293	3293						
5	2703	2778	2857	2963	3035	3053	3128	3065	2988	2874	2799	2781						
10	1363	1477	1592	1795	1881	1929	2101	1960	1805	1593	1495	1469						
15	559	609	689	793	832	803	908	840	719	646	565	576						
20	235	268	280	360	363	344	398	330	300	254	235	239						
25	92.4	110	123	145	154	150	162	138	126	104	97.4	96.4						
30	42.5	50.7	57.6	61.1	66.1	67.0	67.2	62.2	55.3	46.7	45.2	45.0						
35	21.8	26.8	29.7	29.1	33.3	33.9	31.9	31.6	28.3	23.0	23.9	23.8						
40	12.0	14.7	16.0	14.3	17.6	18.5	15.9	17.0	15.1	12.0	13.2	13.2						
45	9.43	9.60	10.2	10.3	10.4	10.5	10.4	10.1	9.31	8.89	8.73	8.90						
50	8.40	8.53	8.92	9.09	9.01	8.76	8.84	8.39	8.00	7.74	7.72	8.01						
55	7.51	8.26	8.48	8.13	8.58	8.29	7.86	7.82	7.43	6.80	7.29	7.67						
60	7.36	7.58	7.87	7.71	7.91	7.77	7.29	7.22	6.77	6.50	6.68	7.08						
65	5.65	6.43	6.81	6.59	7.07	6.86	6.44	6.39	5.89	5.25	5.69	6.07						
70	3.03	3.91	4.18	4.04	4.79	4.59	4.25	4.18	3.72	2.96	3.31	3.60						
75	0.57	0.78	1.19	0.66	1.72	1.74	0.96	1.48	1.20	0.53	0.74	0.72						
80	0.35	0.27	0.29	0.30	0.33	0.35	0.42	0.34	0.31	0.28	0.26	0.26						
85	0.27	0.10	0.11	0.13	0.14	0.14	0.29	0.14	0.11	0.11	0.09	0.09						
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						

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