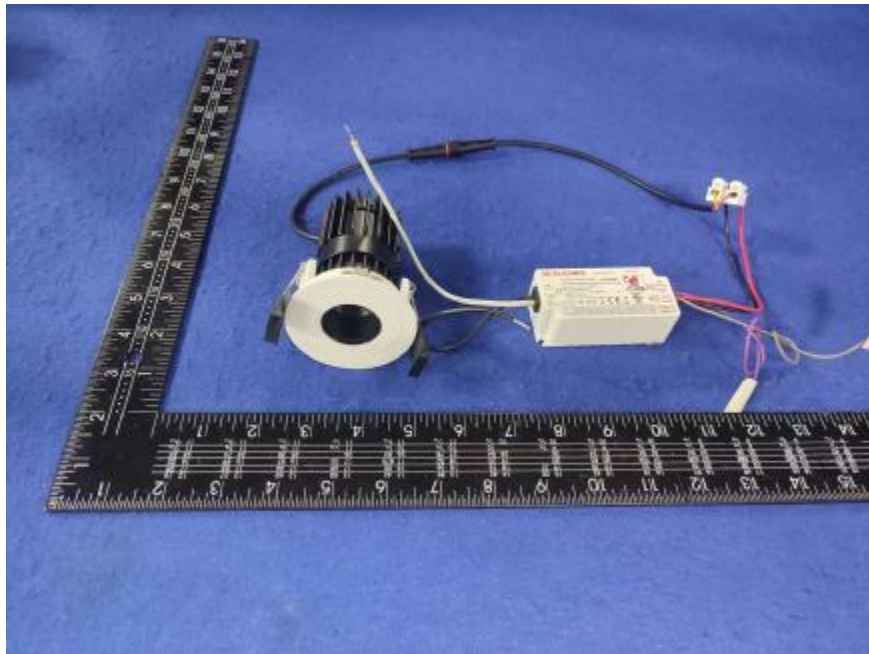


Luminaire Photograph



Light Output Ratio:	46.2%	
Luminaire Power:	12.06 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: 2024-7-1

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: PUP10A-1WMC-350 260mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

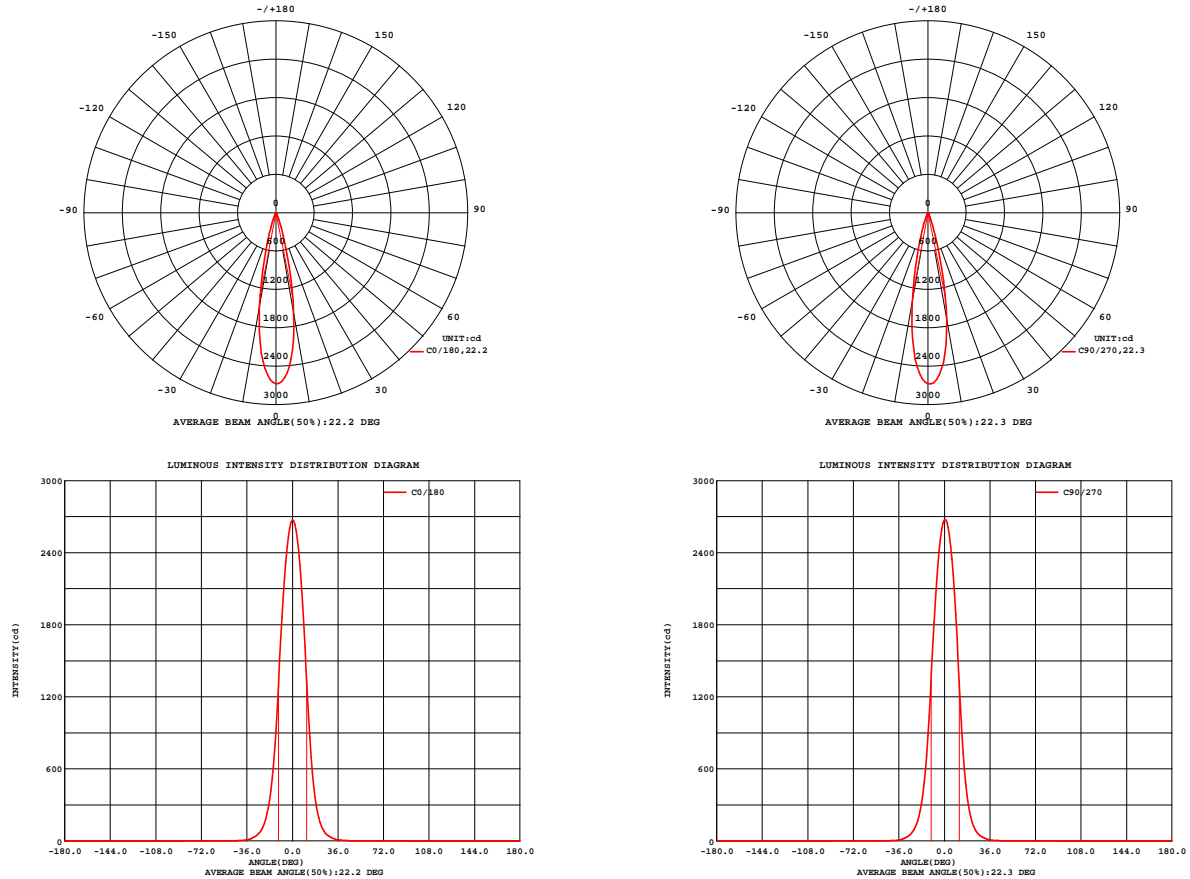


Fig. C0/C180

Fig. C90/C270

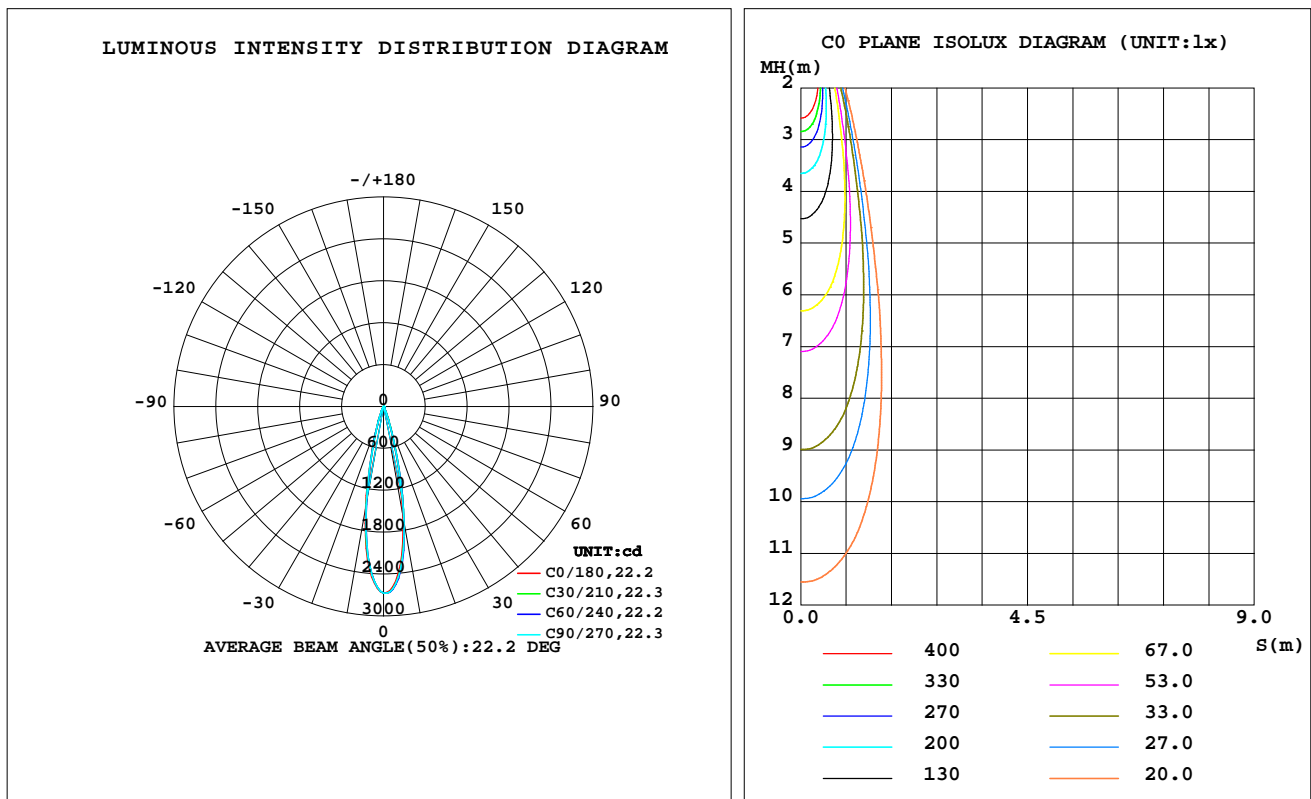
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-7-1

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: PUP10A-1WMC-350 260mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.09V I:0.1014A P:12.064W PF:0.9894 Freq:59.98Hz Lamp Flux:963.24lx1 lm		
NAME: 2318.120-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407010719
MFR.: RISE	SUR.: 0.0007065m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 36.88 lm/W			
MODEL	CREE	I _{max} (cd)	2674	S/MH(C0/180)	0.36
NOMINAL POWER(W)	12	LOR(%)	46.2	S/MH(C90/270)	0.35
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	444.89	η UP,DN(C0-180)	0.0,24.2
NOMINAL FLUX(lm)	963.241	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,22.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	120	η down(%)	46.2	CIBSE SHR MAX	0.30



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-1

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:PUP10A-1WMC-350 260mA
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	1611	1704	1702	1586	1500	1423	1430	1524	0- 10	200.3	200.3	45,20.8
20	235.5	245.6	243.8	232.8	229.4	216.3	207.4	223.6	10- 20	191.1	391.4	88,40.6
30	32.33	33.05	32.92	33.56	32.84	31.06	29.88	31.95	20- 30	42.68	434.0	97.6,45.1
40	4.597	4.790	4.336	4.598	4.000	3.896	3.891	4.297	30- 40	8.463	442.5	99.5,45.9
50	1.164	1.443	1.236	1.088	1.133	1.002	1.174	1.087	40- 50	1.833	444.3	99.9,46.1
60	0.1491	0.1531	0.1503	0.1431	0.1370	0.1388	0.1409	0.1403	50- 60	0.4125	444.8	100,46.2
70	0.0566	0.0551	0.0564	0.0521	0.0503	0.0472	0.0509	0.0488	60- 70	0.0892	444.8	100,46.2
80	0.0236	0.0188	0.0251	0.0180	0.0233	0.0147	0.0195	0.0143	70- 80	0.0346	444.9	100,46.2
90	0	0	0	0	0	0	0	0	80- 90	0.0061	444.9	100,46.2
100	0	0	0	0	0	0	0	0	90-100	0	444.9	100,46.2
110	0	0	0	0	0	0	0	0	100-110	0	444.9	100,46.2
120	0	0	0	0	0	0	0	0	110-120	0	444.9	100,46.2
130	0	0	0	0	0	0	0	0	120-130	0	444.9	100,46.2
140	0	0	0	0	0	0	0	0	130-140	0	444.9	100,46.2
150	0	0	0	0	0	0	0	0	140-150	0	444.9	100,46.2
160	0	0	0	0	0	0	0	0	150-160	0	444.9	100,46.2
170	0	0	0	0	0	0	0	0	160-170	0	444.9	100,46.2
180	0	0	0	0	0	0	0	0	170-180	0	444.9	100,46.2
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-1

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:PUP10A-1WMC-350 260mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:120.09V I:0.1014A P:12.064W PF:0.9894 Freq:59.98Hz
Lamp Flux:963.24lx1 lm

NAME: 2318.120-LEA-13

TYPE:

WEIGHT:

SPEC.: 3000K

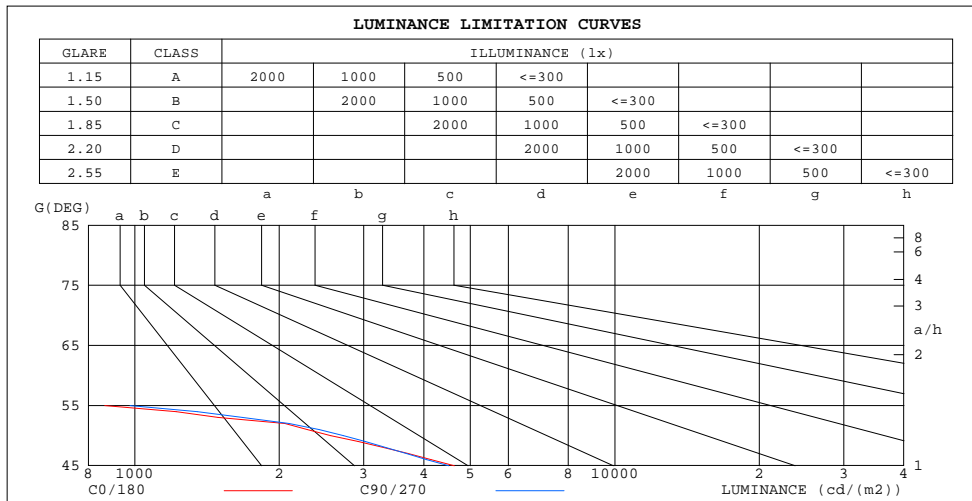
DIM.:

SERIAL No.: 2407010719

MFR.: RISE

SUR.: 0.0007065m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	86	86
80	192	205
75	194	202
70	234	234
65	301	313
60	422	426
55	865	977
50	2560	2723
45	4631	4508

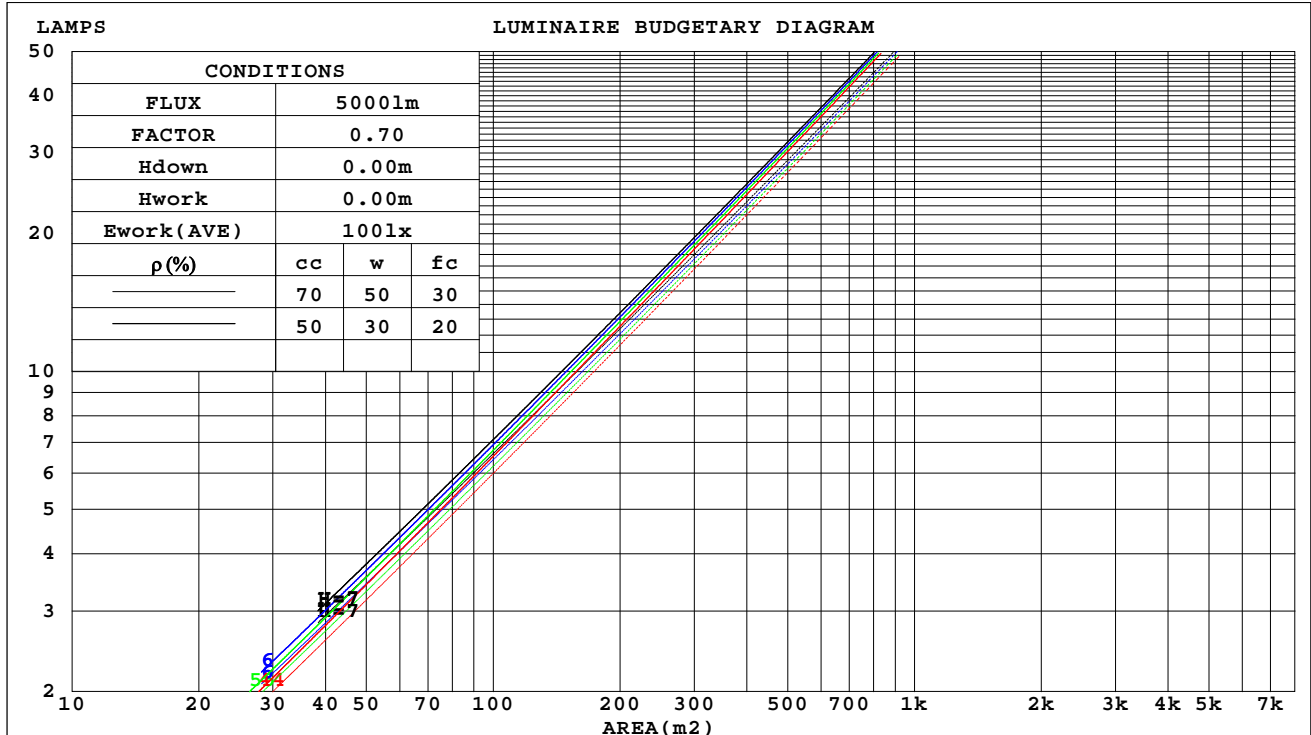
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-1

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:PUP10A-1WMC-350 260mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.09V I:0.1014A P:12.064W PF:0.9894 Freq:59.98Hz Lamp Flux:963.24lx1 lm								
NAME: 2318.120-LEA-13			TYPE:			WEIGHT:		
SPEC.: 3000K			DIM.:			SERIAL No.: 2407010719		
MFR.: RISE			SUR.: 0.0007065m2			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						Coefficients of Utilization(CU)									
0.0	.55	.55	.55	.54	.54	.54	.51	.51	.51	.49	.49	.49	.47	.47	.47	.46
1.0	.52	.52	.51	.51	.51	.50	.50	.49	.49	.48	.47	.47	.46	.46	.46	.45
2.0	.50	.49	.48	.49	.48	.47	.48	.47	.46	.47	.46	.45	.46	.45	.44	.44
3.0	.48	.47	.46	.48	.46	.45	.47	.46	.45	.46	.45	.44	.45	.44	.43	.43
4.0	.47	.45	.44	.46	.45	.44	.45	.44	.43	.45	.43	.43	.44	.43	.42	.42
5.0	.45	.44	.42	.45	.43	.42	.44	.43	.42	.44	.42	.41	.43	.42	.41	.41
6.0	.44	.42	.41	.44	.42	.41	.43	.42	.41	.43	.41	.40	.42	.41	.40	.40
7.0	.43	.41	.40	.43	.41	.40	.42	.41	.40	.42	.40	.39	.41	.40	.39	.39
8.0	.42	.40	.39	.42	.40	.39	.41	.40	.39	.41	.39	.39	.40	.39	.38	.38
9.0	.41	.39	.38	.41	.39	.38	.40	.39	.38	.40	.39	.38	.40	.38	.38	.37
10.0	.40	.38	.37	.40	.38	.37	.39	.38	.37	.39	.38	.37	.39	.38	.37	.36



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-1

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:PUP10A-1WMC-350 260mA
30minutes warm-up

WEC AND CCEC

Test:U:120.09V I:0.1014A P:12.064W PF:0.9894 Freq:59.98Hz Lamp Flux:963.24lx1 lm		
NAME: 2318.120-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407010719
MFR.: RISE	SUR.: 0.0007065m2	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	.059	.033	.011	.055	.032	.010	.050	.029	.009	.045	.026	.008	.040	.023	.007	
2.0	.054	.029	.009	.051	.028	.009	.047	.026	.008	.042	.024	.007	.038	.022	.007	
3.0	.050	.026	.008	.048	.026	.008	.044	.024	.007	.040	.022	.007	.037	.020	.006	
4.0	.046	.024	.007	.045	.023	.007	.041	.022	.007	.038	.021	.006	.036	.019	.006	
5.0	.043	.022	.006	.042	.022	.006	.039	.020	.006	.037	.019	.006	.034	.018	.006	
6.0	.041	.021	.006	.040	.020	.006	.037	.019	.006	.035	.018	.005	.033	.017	.005	
7.0	.039	.019	.005	.038	.019	.005	.036	.018	.005	.034	.017	.005	.032	.017	.005	
8.0	.037	.018	.005	.036	.018	.005	.034	.017	.005	.032	.016	.005	.031	.016	.005	
9.0	.035	.017	.005	.034	.017	.005	.033	.016	.005	.031	.016	.004	.030	.015	.004	
10.0	.034	.016	.004	.033	.016	.004	.032	.015	.004	.030	.015	.004	.029	.015	.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	.088	.088	.088	.075	.075	.075	.051	.051	.051	.029	.029	.029	.009	.009	.009		
1.0	.077	.073	.069	.066	.063	.059	.045	.043	.041	.026	.025	.024	.008	.008	.008		
2.0	.069	.061	.055	.059	.053	.048	.040	.037	.033	.023	.021	.019	.007	.007	.006		
3.0	.062	.052	.045	.053	.045	.039	.036	.031	.027	.021	.018	.016	.007	.006	.005		
4.0	.055	.045	.037	.048	.039	.032	.033	.027	.023	.019	.016	.013	.006	.005	.004		
5.0	.050	.039	.031	.043	.034	.027	.030	.024	.019	.017	.014	.011	.006	.005	.004		
6.0	.046	.035	.026	.040	.030	.023	.027	.021	.016	.016	.012	.010	.005	.004	.003		
7.0	.043	.031	.023	.037	.027	.020	.025	.019	.014	.015	.011	.008	.005	.004	.003		
8.0	.039	.028	.019	.034	.024	.017	.023	.017	.012	.014	.010	.007	.004	.003	.002		
9.0	.037	.025	.017	.032	.022	.015	.022	.015	.011	.013	.009	.006	.004	.003	.002		
10.0	.034	.023	.015	.030	.020	.013	.021	.014	.009	.012	.008	.006	.004	.003	.002		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-1

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:PUP10A-1WMC-350 260mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:120.09V I:0.1014A P:12.064W PF:0.9894 Freq:59.98Hz Lamp Flux:963.24lx1 lm										
NAME: 2318.120-LEA-13					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2407010719		
MFR.: RISE					SUR.: 0.0007065m2			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	6.7	7.3	6.9	7.4	7.5	6.7	7.3	6.9	7.4	7.6
3H	6.5	7.1	6.8	7.3	7.4	6.6	7.1	6.8	7.3	7.5
4H	6.5	7.0	6.7	7.2	7.4	6.5	7.0	6.7	7.2	7.4
6H	6.4	6.9	6.7	7.1	7.3	6.4	6.9	6.7	7.1	7.4
8H	6.3	6.8	6.6	7.1	7.3	6.4	6.8	6.7	7.1	7.3
12H	6.3	6.8	6.6	7.0	7.3	6.3	6.8	6.6	7.0	7.3
4H 2H	6.5	7.0	6.7	7.2	7.4	6.5	7.0	6.7	7.2	7.4
3H	6.3	6.8	6.6	7.0	7.3	6.3	6.8	6.6	7.0	7.3
4H	6.2	6.6	6.5	6.9	7.2	6.2	6.7	6.6	7.0	7.2
6H	6.1	6.5	6.5	6.8	7.2	6.1	6.5	6.5	6.8	7.2
8H	6.1	6.4	6.4	6.8	7.1	6.1	6.4	6.5	6.8	7.1
12H	6.0	6.3	6.4	6.7	7.1	6.0	6.4	6.4	6.7	7.1
8H 4H	6.1	6.4	6.4	6.8	7.1	6.1	6.4	6.5	6.8	7.1
6H	5.9	6.2	6.4	6.6	7.0	6.0	6.3	6.4	6.7	7.1
8H	5.9	6.1	6.3	6.6	7.0	5.9	6.2	6.4	6.6	7.0
12H	5.8	6.0	6.3	6.5	6.9	5.8	6.1	6.3	6.5	7.0
12H 4H	6.0	6.3	6.4	6.7	7.1	6.0	6.3	6.4	6.7	7.1
6H	5.9	6.1	6.3	6.6	7.0	5.9	6.2	6.4	6.6	7.0
8H	5.8	6.0	6.3	6.5	6.9	5.8	6.1	6.3	6.5	7.0
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.9 / -12.6					+ 3.6 / -12.0				
1.5H	+ 5.6 / -11.1					+ 5.0 / -10.7				
2.0H	+ 5.6 / - 8.7					+ 4.9 / - 9.1				

CIE Pub.117, 963.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.1)
Area: 0.0007065 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-1

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:PUP10A-1WMC-350 260mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:120.09V I:0.1014A P:12.064W PF:0.9894 Freq:59.98Hz Lamp Flux:963.24lx1 lm		
NAME: 2318.120-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407010719
MFR.: RISE	SUR.: 0.0007065m2	Shielding Angle:

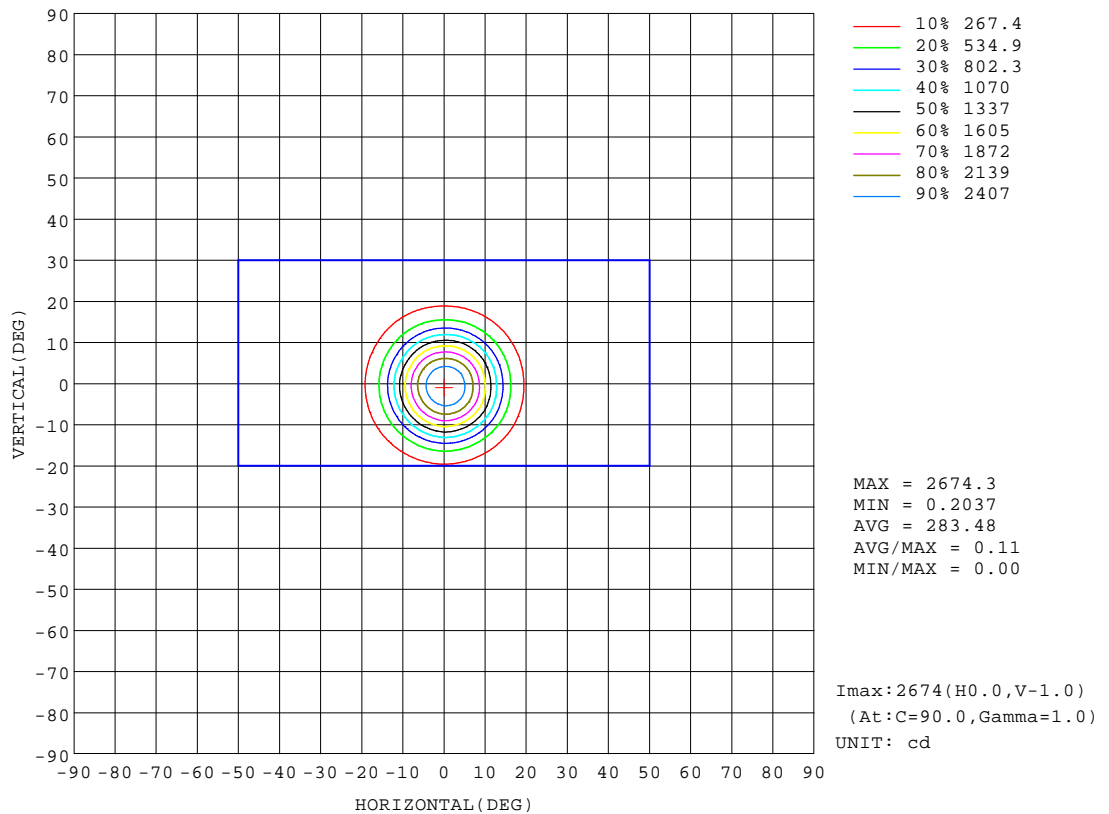
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	42	40	38	42	39	38	42	39	38	36
0.80	45	43	41	45	43	41	45	43	41	40
1.00	47	45	43	47	45	43	46	44	43	41
1.25	49	47	45	48	46	45	47	46	45	43
1.50	50	48	46	49	48	46	48	47	46	44
2.00	51	49	48	50	49	47	49	48	47	44
2.50	51	50	49	51	49	48	49	48	47	45
3.00	52	51	50	51	50	49	50	49	48	45
4.00	53	52	51	52	51	50	50	50	49	46
5.00	53	53	52	52	52	51	51	50	50	46
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:2024-7-1

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:PUP10A-1WMC-350 260mA
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:120.09V I:0.1014A P:12.064W PF:0.9894 Freq:59.98Hz Lamp Flux:963.24lx1 lm		
NAME: 2318.120-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407010719
MFR.: RISE	SUR.: 0.0007065m2	Shielding Angle:

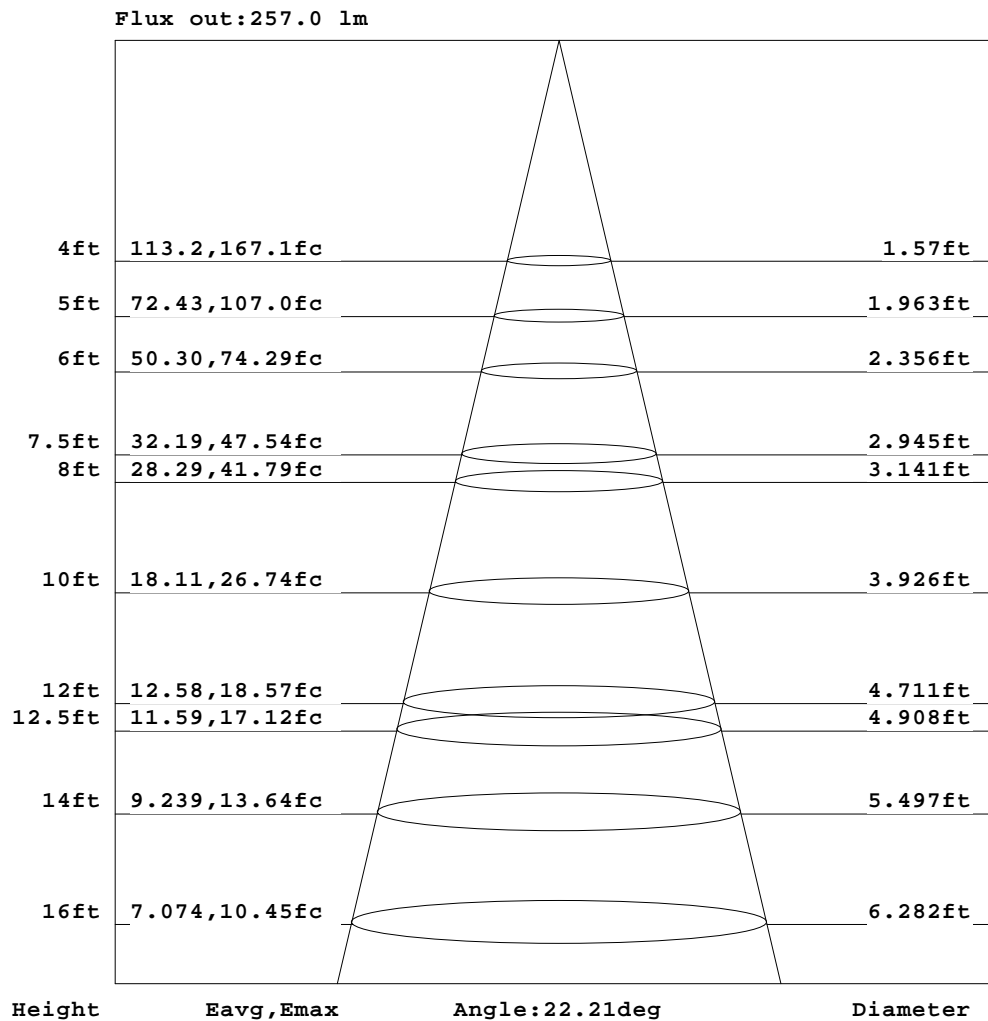


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-1

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:PUP10A-1WMC-350 260mA
30minutes warm-up

AAI Figure

Test:U:120.09V I:0.1014A P:12.064W PF:0.9894 Freq:59.98Hz Lamp Flux:963.24lx1 lm		
NAME: 2318.120-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407010719
MFR.: RISE	SUR.: 0.0007065m2	Shielding Angle:



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

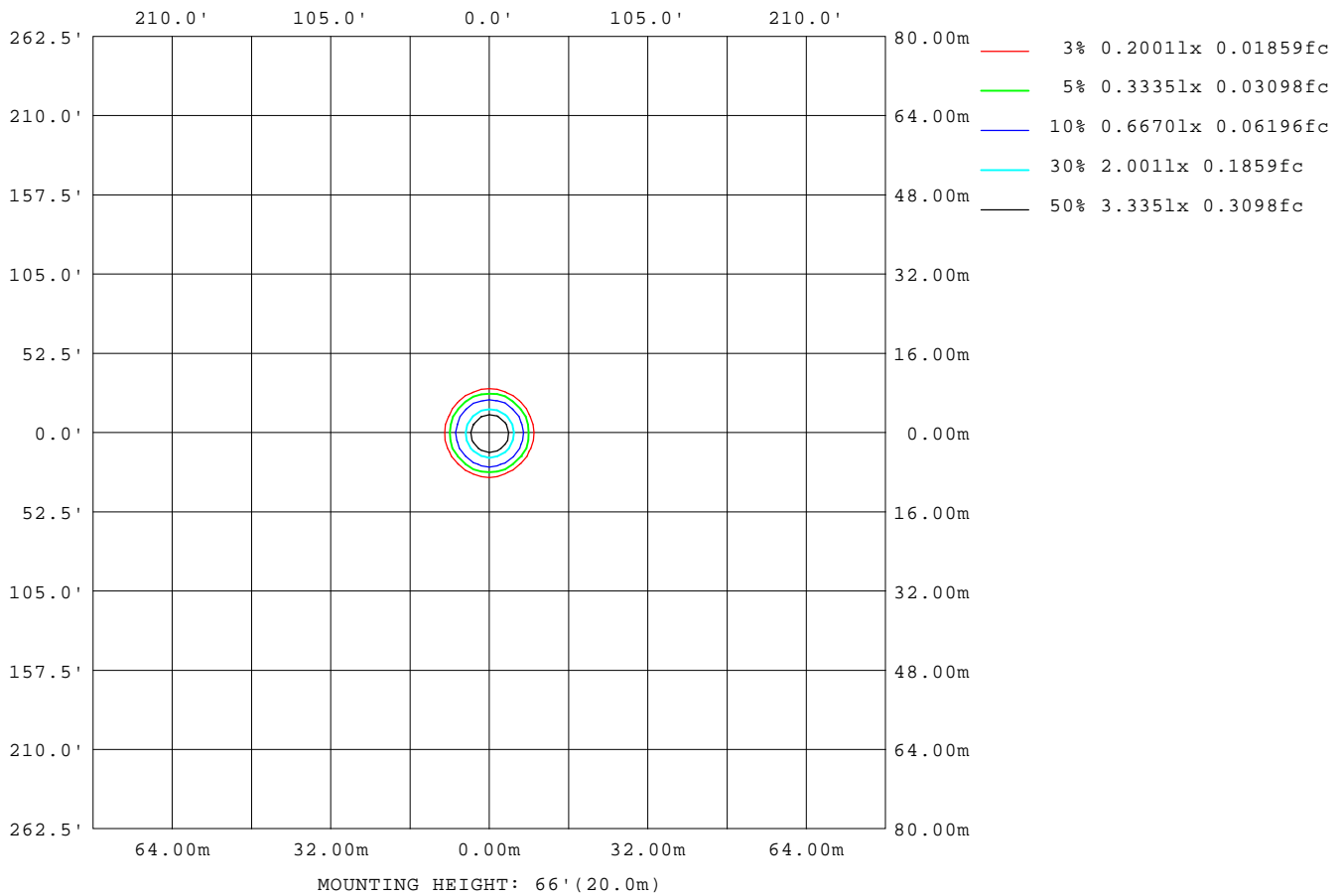
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-1

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:PUP10A-1WMC-350 260mA
30minutes warm-up



ISOLUX DIAGRAM

Test:U:120.09V I:0.1014A P:12.064W PF:0.9894 Freq:59.98Hz Lamp Flux:963.24lx1 lm		
NAME: 2318.120-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407010719
MFR.: RISE	SUR.: 0.0007065m2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-7-1

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: PUP10A-1WMC-350 260mA
30minutes warm-up

LED Avg.L Report

Test:U:120.09V I:0.1014A P:12.064W PF:0.9894 Freq:59.98Hz Lamp Flux:963.24lx1 lm		
NAME: 2318.120-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407010719
MFR.: RISE	SUR.: 0.0007065m2	Shielding Angle:

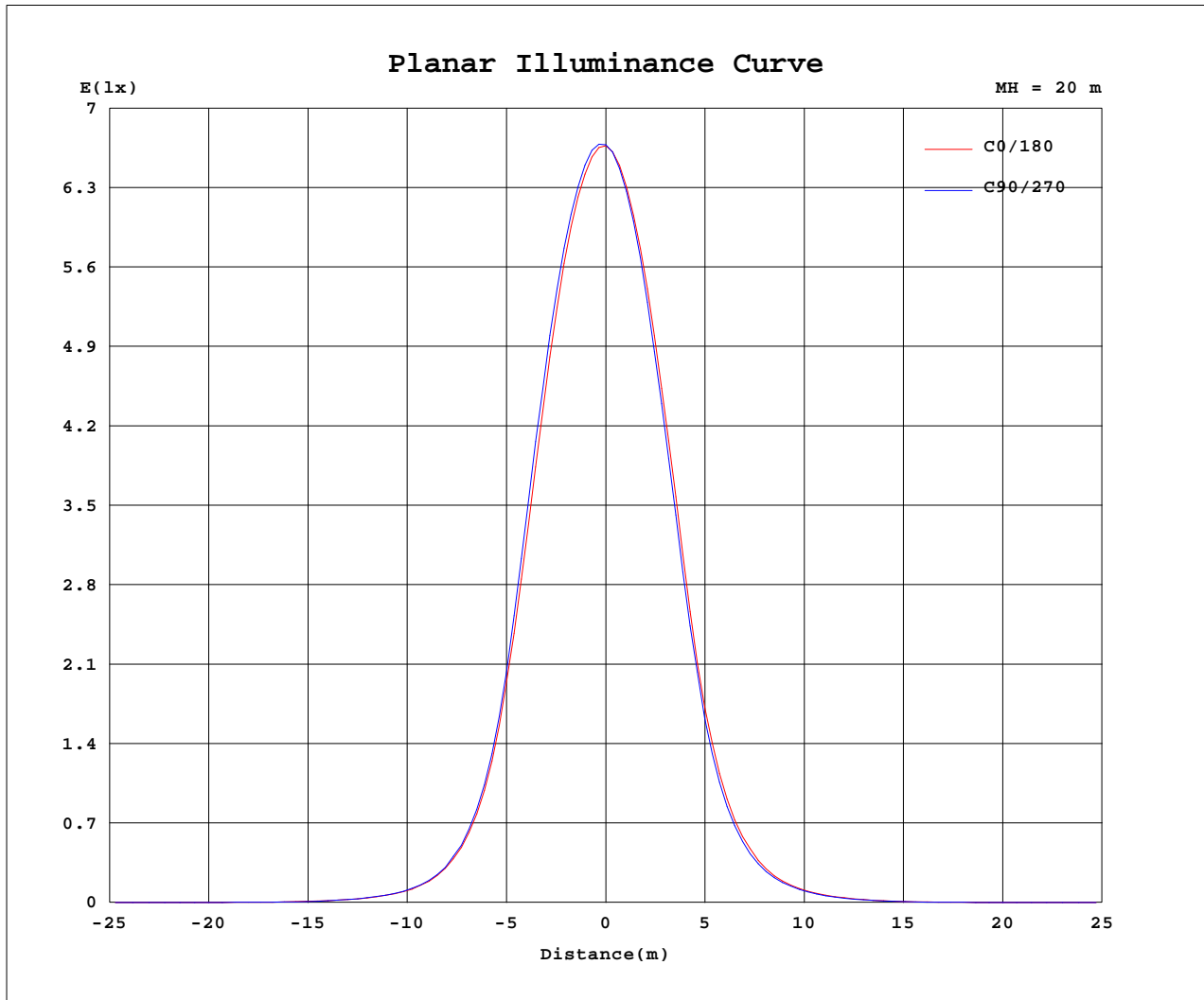
AvgL	cd/m2
L_0~180(65)av	290
L_0~180(75)av	185
L_0~180(85)av	66
L_90~270(65)av	296
L_90~270(75)av	188
L_90~270(85)av	55
L_45(65)av	289
L_45(75)av	162
L_45(85)av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-1

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:PUP10A-1WMC-350 260mA
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: 2024-7-1

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: PUP10A-1WMC-350 260mA
 30minutes warm-up



LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.09V I:0.1014A P:12.064W PF:0.9894 Freq:59.98Hz Lamp Flux:963.24lx1 lm		
NAME: 2318.120-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407010719
MFR.: RISE	SUR.: 0.0007065m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	2671	2671	2671	2671	2671	2671	2671	2671	2671	2671	2671	2671						
5	2413	2457	2470	2453	2405	2362	2334	2299	2293	2299	2335	2378						
10	1611	1701	1708	1702	1623	1548	1500	1425	1420	1430	1493	1555						
15	694	749	752	728	679	648	626	592	588	583	617	659						
20	235	250	241	244	235	231	229	214	218	207	222	225						
25	82.6	83.7	83.8	84.1	87.9	86.7	82.1	80.2	78.9	78.2	79.4	83.0						
30	32.3	33.5	32.6	32.9	33.5	33.6	32.8	31.4	30.8	29.9	31.4	32.5						
35	12.9	13.2	12.8	12.3	12.1	11.8	11.7	10.8	10.5	10.5	11.6	12.5						
40	4.60	4.82	4.76	4.34	4.66	4.54	4.00	3.87	3.93	3.89	4.14	4.46						
45	2.32	2.37	2.60	2.25	2.26	2.13	2.11	2.03	1.98	2.07	2.10	2.57						
50	1.16	1.27	1.62	1.24	1.14	1.04	1.13	1.00	1.00	1.17	1.04	1.13						
55	0.35	0.42	0.60	0.40	0.33	0.24	0.23	0.23	0.23	0.23	0.24	0.30						
60	0.15	0.15	0.16	0.15	0.15	0.14	0.14	0.14	0.14	0.14	0.14	0.14						
65	0.09	0.09	0.10	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.09						
70	0.06	0.05	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05						
75	0.04	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03						
80	0.02	0.02	0.02	0.03	0.02	0.02	0.02	0.01	0.01	0.02	0.01	0.02						
85	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	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
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