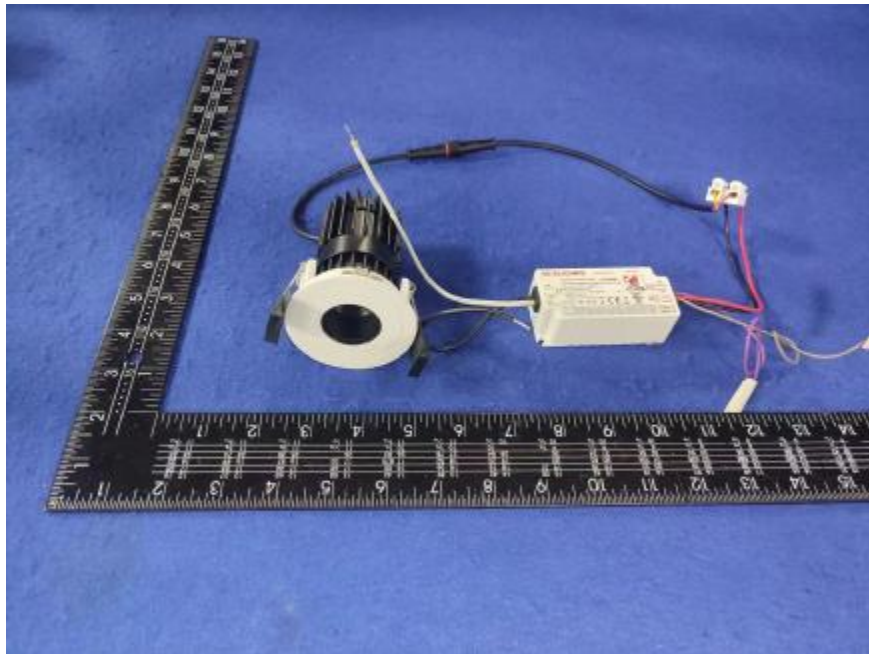


Luminaire Photograph



Light Output Ratio:	54.6%	
Luminaire Power:	12.13 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.65	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

Range: 0 - 180DEG
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-1084C 50R
DRIVER: PUP10A-1WMC-350 260mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

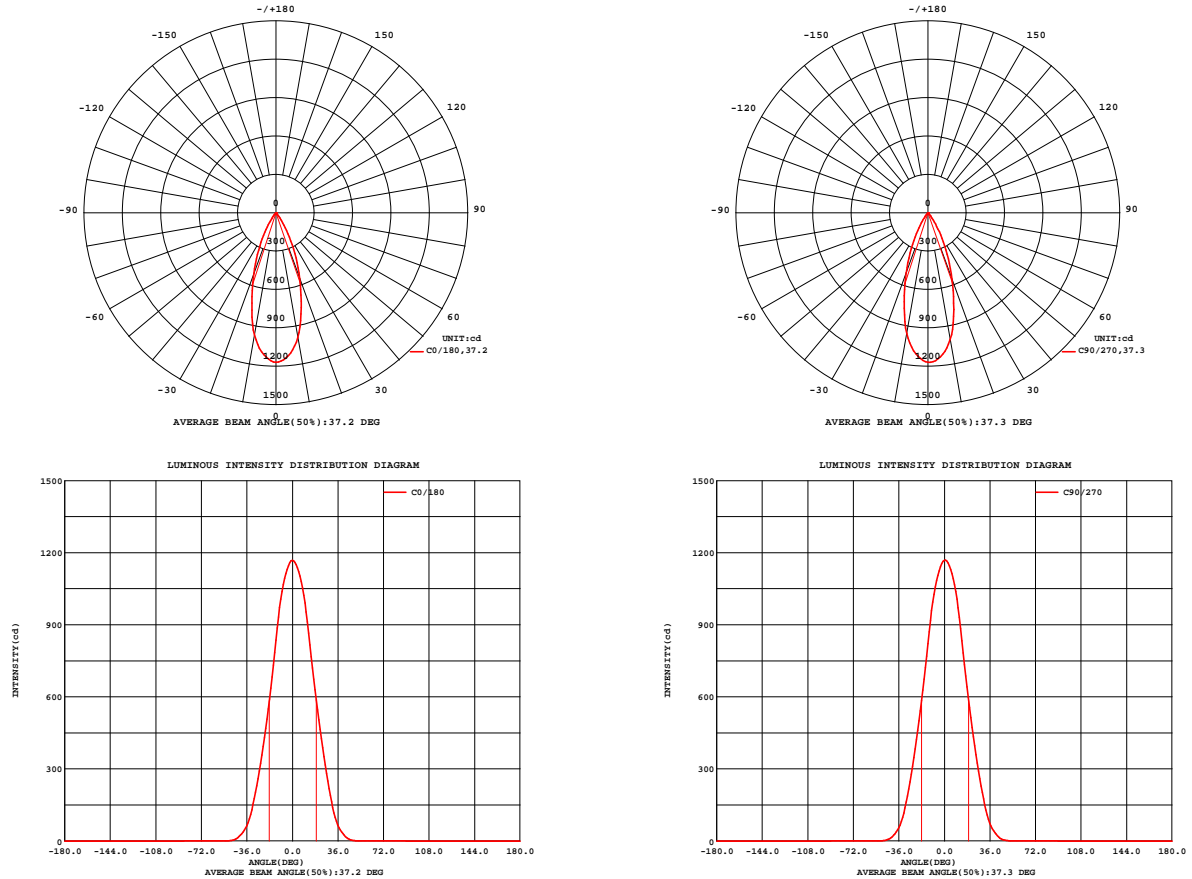


Fig. C0/C180

Fig. C90/C270

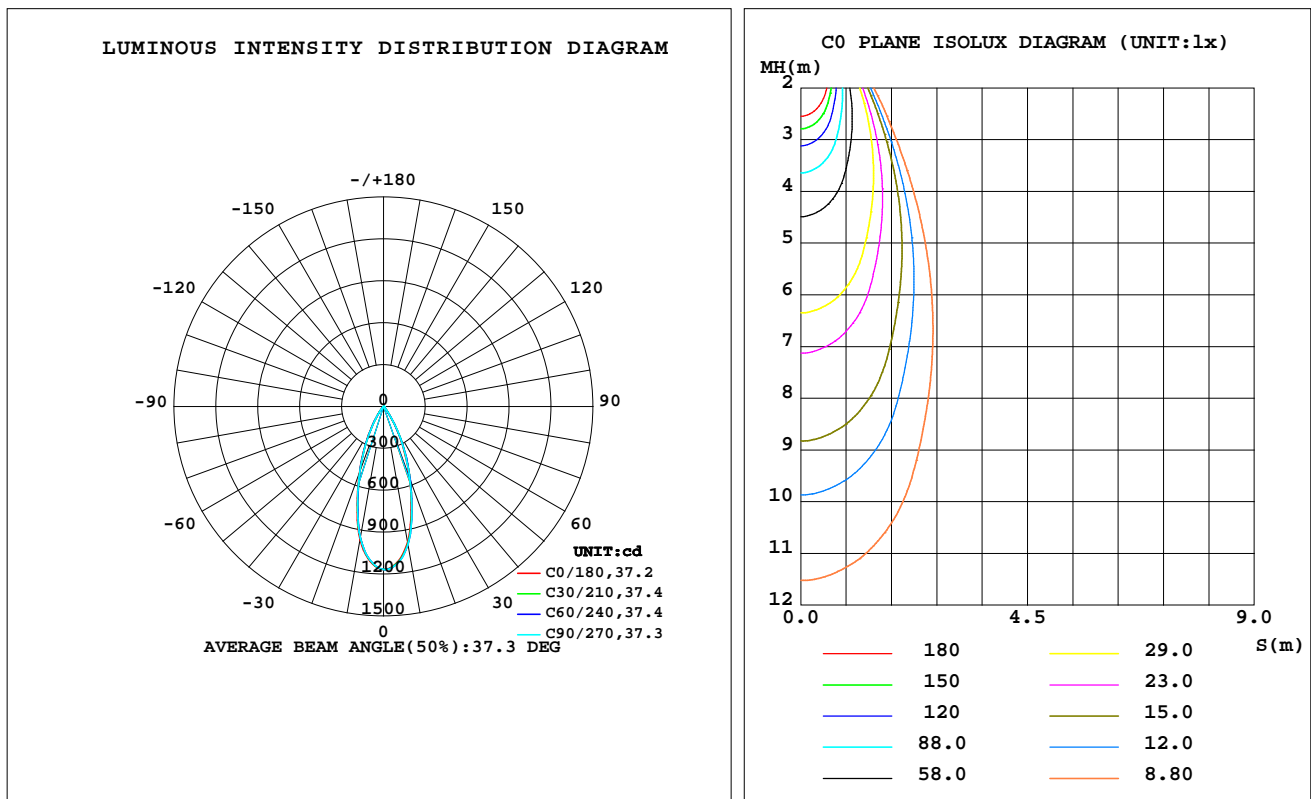
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-7-1

Range: 0 - 180DEG
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-1084C 50R
DRIVER: PUP10A-1WMC-350 260mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.11V I:0.1019A P:12.130W PF:0.9895 Freq:59.98Hz Lamp Flux:963.24lx1 lm		
NAME: 2318.120-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407010721
MFR.: RISE	SUR.: 0.0007065m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 43.33 lm/W			
MODEL	CREE	I _{max} (cd)	1169	S/MH(C0/180)	0.59
NOMINAL POWER(W)	12	LOR(%)	54.6	S/MH(C90/270)	0.58
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	525.55	UP,DN(C0-180)	0.0,28.2
NOMINAL FLUX(lm)	963.241	CIE CLASS	DIRECT	UP,DN(C180-360)	0.0,26.4
LAMPS INSIDE	1	up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	down(%)	54.6	CIBSE SHR MAX	0.65



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

Range: 0 - 180DEG
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-1084C 50R
DRIVER:PUP10A-1WMC-350 260mA
30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

	C0	C45	C90	C135	C180	C225	C270	C315		zone	total	%lum,lamp
10	990.3	1004	1007	985.1	971.7	957.2	958.4	981.2	0- 10	102.4	102.4	19.5,10.6
20	545.6	562.7	554.5	523.4	507.5	499.6	500.2	532.7	10- 20	206.8	309.2	58.8,32.1
30	189.5	204.5	201.8	184.3	176.1	167.3	161.7	180.8	20- 30	154.4	463.6	88.2,48.1
40	30.92	33.15	35.24	32.75	30.56	27.30	24.13	28.14	30- 40	54.02	517.7	98.5,53.7
50	1.046	1.192	1.372	1.272	1.097	0.9057	0.7799	0.9200	40- 50	7.444	525.1	99.9,54.5
60	0.1465	0.1495	0.1510	0.1451	0.1386	0.1301	0.1265	0.1344	50- 60	0.3287	525.4	100,54.5
70	0.0515	0.0492	0.0490	0.0468	0.0521	0.0472	0.0481	0.0456	60- 70	0.0843	525.5	100,54.6
80	0.0189	0.0175	0.0165	0.0138	0.0204	0.0154	0.0177	0.0118	70- 80	0.0316	525.5	100,54.6
90	0	0	0	0	0	0	0	0	80- 90	0.0051	525.5	100,54.6
100	0	0	0	0	0	0	0	0	90-100	0	525.5	100,54.6
110	0	0	0	0	0	0	0	0	100-110	0	525.5	100,54.6
120	0	0	0	0	0	0	0	0	110-120	0	525.5	100,54.6
130	0	0	0	0	0	0	0	0	120-130	0	525.5	100,54.6
140	0	0	0	0	0	0	0	0	130-140	0	525.5	100,54.6
150	0	0	0	0	0	0	0	0	140-150	0	525.5	100,54.6
160	0	0	0	0	0	0	0	0	150-160	0	525.5	100,54.6
170	0	0	0	0	0	0	0	0	160-170	0	525.5	100,54.6
180	0	0	0	0	0	0	0	0	170-180	0	525.5	100,54.6
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

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

Range: 0 - 180DEG
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-1084C 50R
DRIVER:PUP10A-1WMC-350 260mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:120.11V I:0.1019A P:12.130W PF:0.9895 Freq:59.98Hz
Lamp Flux:963.24lx1 lm

NAME: 2318.120-LEA-13

TYPE:

WEIGHT:

SPEC.: 3000K

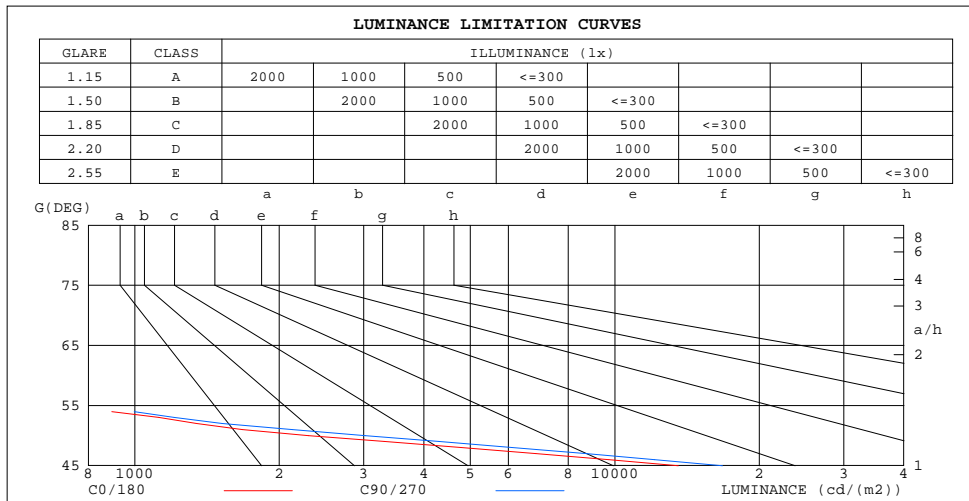
DIM.:

SERIAL No.: 2407010721

MFR.: RISE

SUR.: 0.0007065m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	81	56
80	154	134
75	170	163
70	213	203
65	281	284
60	415	427
55	692	758
50	2304	3021
45	13562	16754

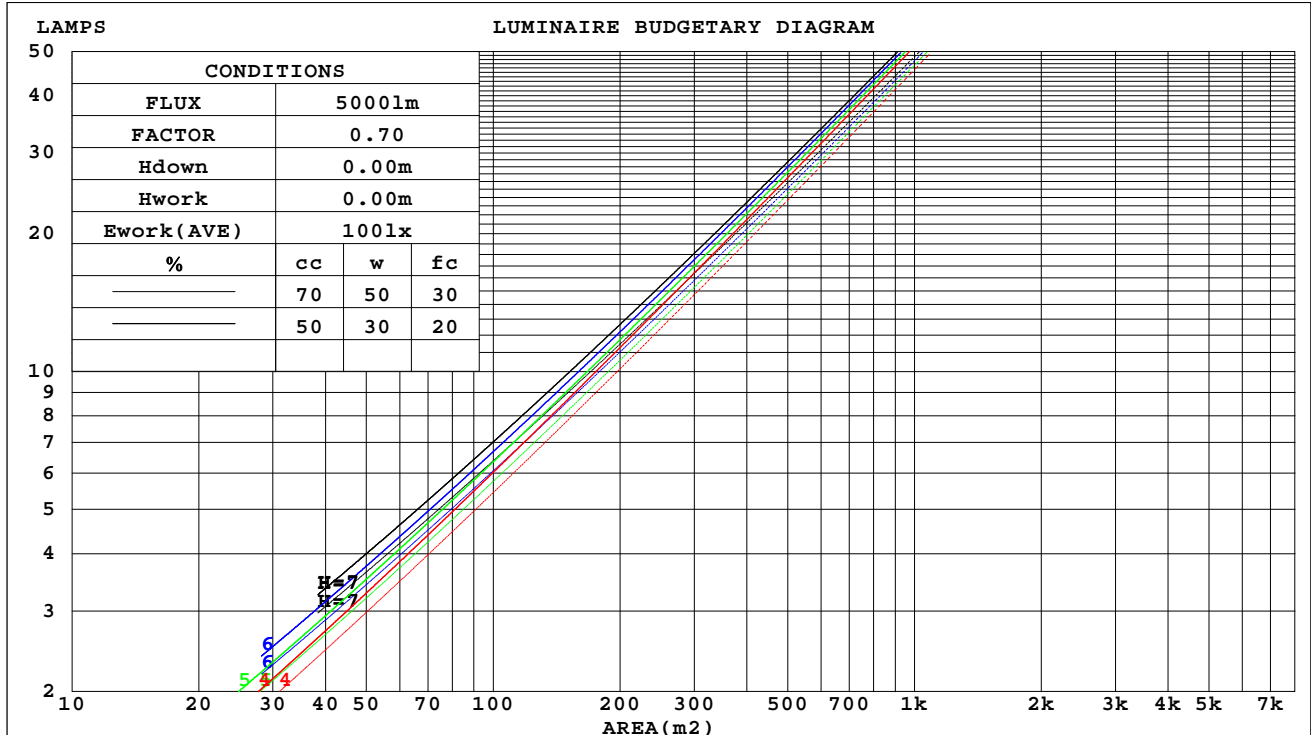
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-1

Range: 0 - 180DEG
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-1084C 50R
DRIVER:PUP10A-1WMC-350 260mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.11V I:0.1019A P:12.130W PF:0.9895 Freq:59.98Hz Lamp Flux:963.24lx1 lm		
NAME: 2318.120-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407010721
MFR.: RISE	SUR.: 0.0007065m2	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	.65	.65	.65	.63	.63	.63	.61	.61	.61	.58	.58	.58	.56	.56	.56	.55
1.0	.61	.60	.59	.60	.59	.58	.58	.57	.56	.56	.55	.54	.54	.53	.53	.52
2.0	.58	.56	.54	.57	.55	.54	.55	.54	.52	.53	.52	.51	.52	.51	.50	.49
3.0	.55	.52	.50	.54	.52	.50	.52	.51	.49	.51	.50	.48	.50	.49	.48	.47
4.0	.52	.49	.47	.51	.49	.47	.50	.48	.46	.49	.47	.46	.48	.47	.45	.45
5.0	.49	.47	.45	.49	.46	.44	.48	.46	.44	.47	.45	.44	.46	.45	.43	.43
6.0	.47	.44	.42	.47	.44	.42	.46	.44	.42	.45	.43	.42	.44	.43	.41	.41
7.0	.45	.42	.40	.44	.42	.40	.44	.42	.40	.43	.41	.40	.43	.41	.39	.39
8.0	.43	.40	.38	.43	.40	.38	.42	.40	.38	.42	.39	.38	.41	.39	.38	.37
9.0	.41	.38	.37	.41	.38	.36	.40	.38	.36	.40	.38	.36	.39	.38	.36	.36
10.0	.39	.37	.35	.39	.37	.35	.39	.36	.35	.38	.36	.35	.38	.36	.35	.34



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

Range: 0 - 180DEG
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-1084C 50R
DRIVER:PUP10A-1WMC-350 260mA
30minutes warm-up

WEC AND CCEC

Test:U:120.11V I:0.1019A P:12.130W PF:0.9895 Freq:59.98Hz Lamp Flux:963.24lx1 lm		
NAME: 2318.120-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407010721
MFR.: RISE	SUR.: 0.0007065m2	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	.084	.048	.015	.081	.046	.015	.074	.042	.014	.068	.039	.013	.062	.036	.012	
2.0	.080	.044	.013	.077	.042	.013	.071	.039	.012	.066	.037	.012	.061	.034	.011	
3.0	.075	.040	.012	.073	.039	.012	.068	.037	.011	.064	.035	.011	.059	.033	.010	
4.0	.071	.037	.011	.069	.036	.011	.065	.035	.010	.061	.033	.010	.058	.031	.010	
5.0	.068	.035	.010	.066	.034	.010	.062	.033	.010	.059	.031	.009	.056	.030	.009	
6.0	.065	.032	.009	.063	.032	.009	.060	.031	.009	.057	.030	.009	.054	.029	.009	
7.0	.062	.031	.009	.060	.030	.009	.058	.029	.008	.055	.028	.008	.053	.027	.008	
8.0	.059	.029	.008	.058	.029	.008	.056	.028	.008	.053	.027	.008	.051	.026	.008	
9.0	.057	.027	.008	.056	.027	.008	.054	.027	.008	.052	.026	.007	.050	.025	.007	
10.0	.055	.026	.007	.054	.026	.007	.052	.025	.007	.050	.025	.007	.048	.024	.007	

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	.104	.104	.104	.089	.089	.089	.061	.061	.061	.035	.035	.035	.011	.011	.011	
1.0	.093	.086	.080	.079	.074	.069	.054	.051	.048	.031	.029	.028	.010	.009	.009	
2.0	.083	.072	.063	.071	.062	.055	.049	.043	.038	.028	.025	.022	.009	.008	.007	
3.0	.076	.062	.051	.065	.053	.044	.045	.037	.031	.026	.022	.018	.008	.007	.006	
4.0	.070	.054	.041	.060	.046	.036	.041	.032	.025	.024	.019	.015	.008	.006	.005	
5.0	.064	.047	.034	.055	.041	.030	.038	.028	.021	.022	.017	.013	.007	.005	.004	
6.0	.060	.042	.029	.052	.036	.025	.036	.025	.018	.021	.015	.011	.007	.005	.003	
7.0	.056	.038	.024	.048	.033	.021	.033	.023	.015	.019	.013	.009	.006	.004	.003	
8.0	.053	.034	.021	.046	.030	.018	.032	.021	.013	.018	.012	.008	.006	.004	.003	
9.0	.050	.031	.018	.043	.027	.016	.030	.019	.011	.017	.011	.007	.006	.004	.002	
10.0	.048	.029	.016	.041	.025	.014	.028	.017	.010	.017	.010	.006	.005	.003	.002	

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

Range: 0 - 180DEG
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-1084C 50R
DRIVER:PUP10A-1WMC-350 260mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:120.11V I:0.1019A P:12.130W PF:0.9895 Freq:59.98Hz Lamp Flux:963.24lx1 lm										
NAME: 2318.120-LEA-13					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2407010721		
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	18.5	19.3	18.7	19.5	19.6	18.9	19.7	19.1	19.9	20.0
3H	18.4	19.1	18.6	19.3	19.5	18.8	19.5	19.0	19.7	19.9
4H	18.3	19.0	18.5	19.2	19.4	18.7	19.4	19.0	19.6	19.8
6H	18.2	18.8	18.5	19.1	19.3	18.6	19.3	18.9	19.5	19.7
8H	18.1	18.8	18.4	19.0	19.3	18.6	19.2	18.9	19.4	19.7
12H	18.1	18.7	18.4	19.0	19.2	18.5	19.1	18.8	19.4	19.6
4H 2H	18.3	19.0	18.5	19.2	19.4	18.7	19.4	19.0	19.6	19.8
3H	18.1	18.7	18.4	19.0	19.2	18.5	19.1	18.8	19.4	19.6
4H	18.0	18.5	18.3	18.8	19.1	18.4	19.0	18.8	19.3	19.6
6H	17.9	18.4	18.3	18.7	19.1	18.3	18.8	18.7	19.1	19.5
8H	17.9	18.3	18.2	18.6	19.0	18.3	18.7	18.7	19.1	19.4
12H	17.8	18.2	18.2	18.6	19.0	18.2	18.6	18.6	19.0	19.4
8H 4H	17.9	18.3	18.2	18.6	19.0	18.3	18.7	18.7	19.1	19.4
6H	17.7	18.1	18.2	18.5	18.9	18.2	18.5	18.6	18.9	19.3
8H	17.7	18.0	18.1	18.4	18.9	18.1	18.4	18.5	18.8	19.3
12H	17.6	17.9	18.1	18.3	18.8	18.0	18.3	18.5	18.8	19.2
12H 4H	17.8	18.2	18.2	18.6	19.0	18.2	18.6	18.6	19.0	19.4
6H	17.7	18.0	18.1	18.4	18.9	18.1	18.4	18.5	18.8	19.3
8H	17.6	17.9	18.1	18.3	18.8	18.0	18.3	18.5	18.8	19.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.8 / -25.6					+ 4.0 / -25.9				
1.5H	+ 6.5 / -23.3					+ 6.7 / -23.6				
2.0H	+ 8.7 / -13.9					+ 9.0 / -14.9				

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

Range: 0 - 180DEG
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-1084C 50R
DRIVER:PUP10A-1WMC-350 260mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:120.11V I:0.1019A P:12.130W PF:0.9895 Freq:59.98Hz Lamp Flux:963.24lx1 lm		
NAME: 2318.120-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407010721
MFR.: RISE	SUR.: 0.0007065m2	Shielding Angle:

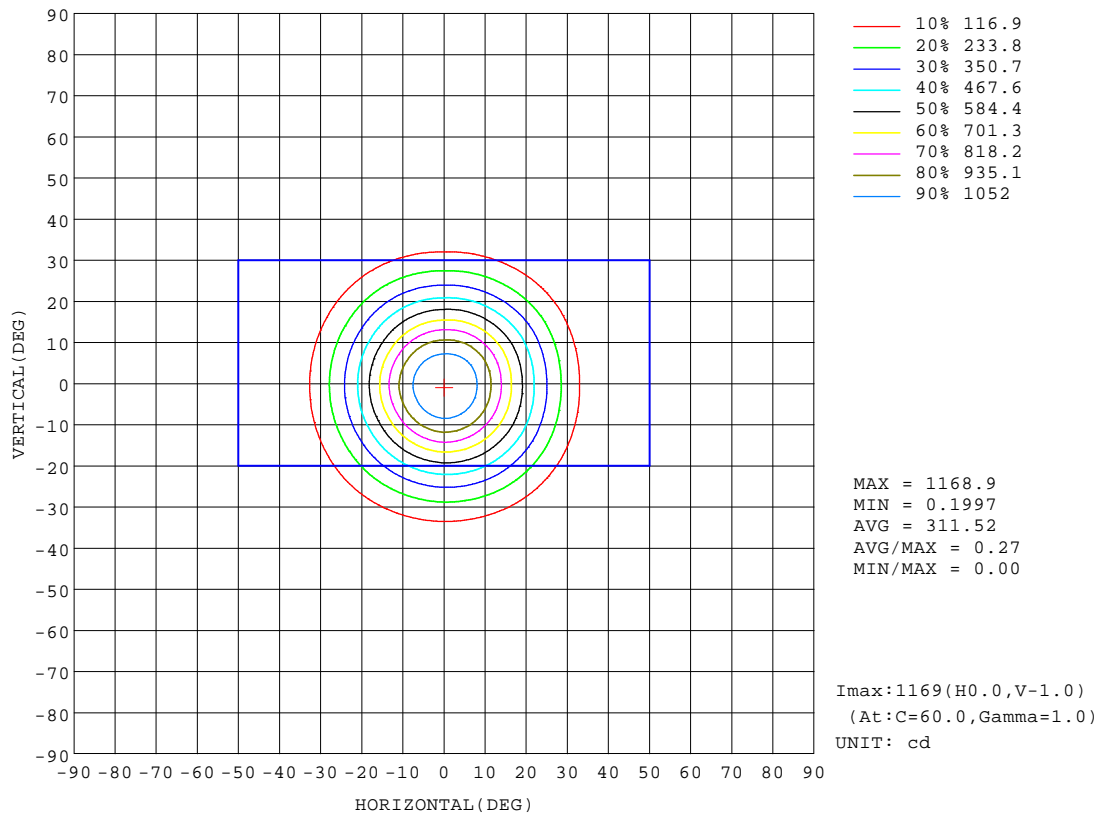
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	49	46	44	49	46	44	49	46	44	43
0.80	53	50	49	53	50	49	52	50	48	47
1.00	55	53	51	55	52	51	54	52	50	48
1.25	57	55	53	57	54	53	56	54	52	50
1.50	59	56	55	58	56	54	57	55	54	52
2.00	60	58	56	59	57	56	58	56	55	52
2.50	61	59	57	60	58	57	58	57	56	53
3.00	61	60	58	60	59	58	59	58	57	53
4.00	62	61	60	61	60	59	59	59	58	54
5.00	63	62	61	62	61	60	60	59	59	55
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

Range: 0 - 180DEG
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-1084C 50R
DRIVER:PUP10A-1WMC-350 260mA
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:120.11V I:0.1019A P:12.130W PF:0.9895 Freq:59.98Hz Lamp Flux:963.24lx1 lm		
NAME: 2318.120-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407010721
MFR.: RISE	SUR.: 0.0007065m2	Shielding Angle:

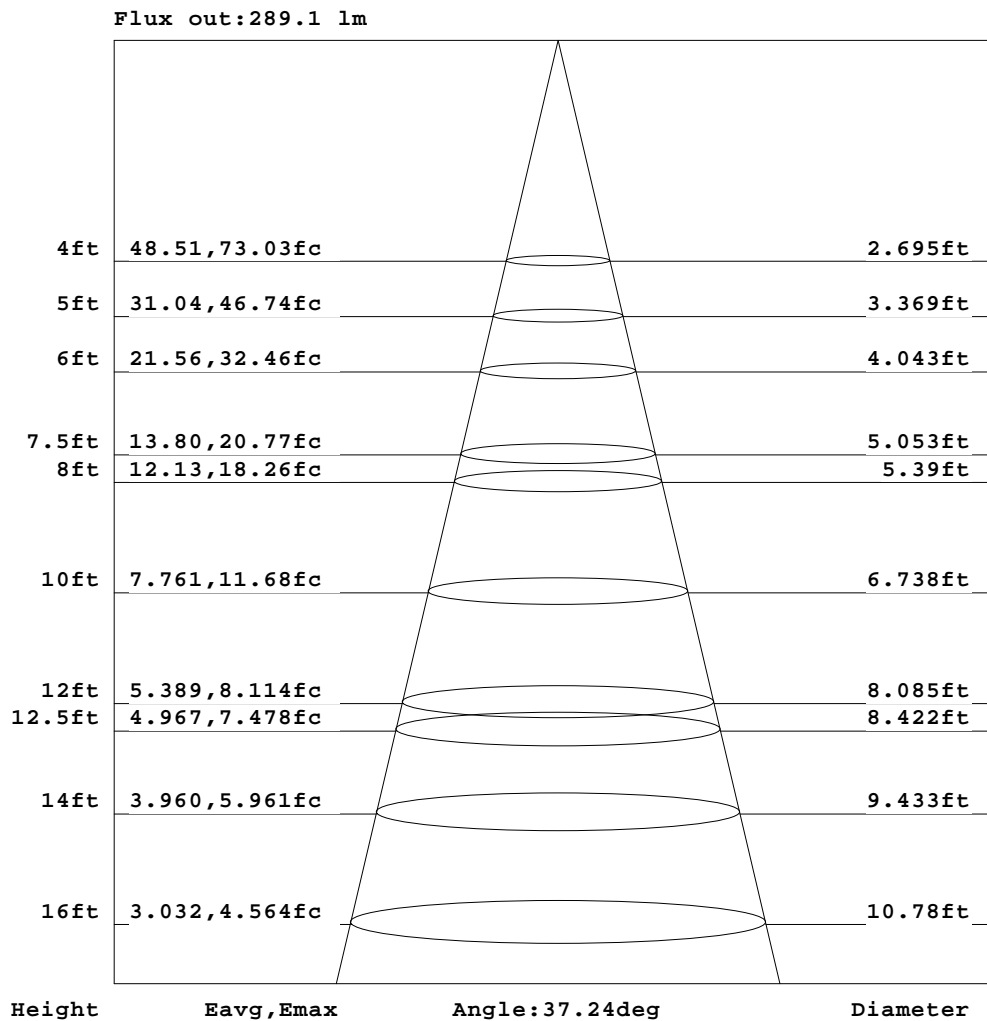


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-1

Range: 0 - 180DEG
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-1084C 50R
DRIVER:PUP10A-1WMC-350 260mA
30minutes warm-up

AAI Figure

Test:U:120.11V I:0.1019A P:12.130W PF:0.9895 Freq:59.98Hz Lamp Flux:963.24lx1 lm		
NAME: 2318.120-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407010721
MFR.: RISE	SUR.: 0.0007065m2	Shielding Angle:



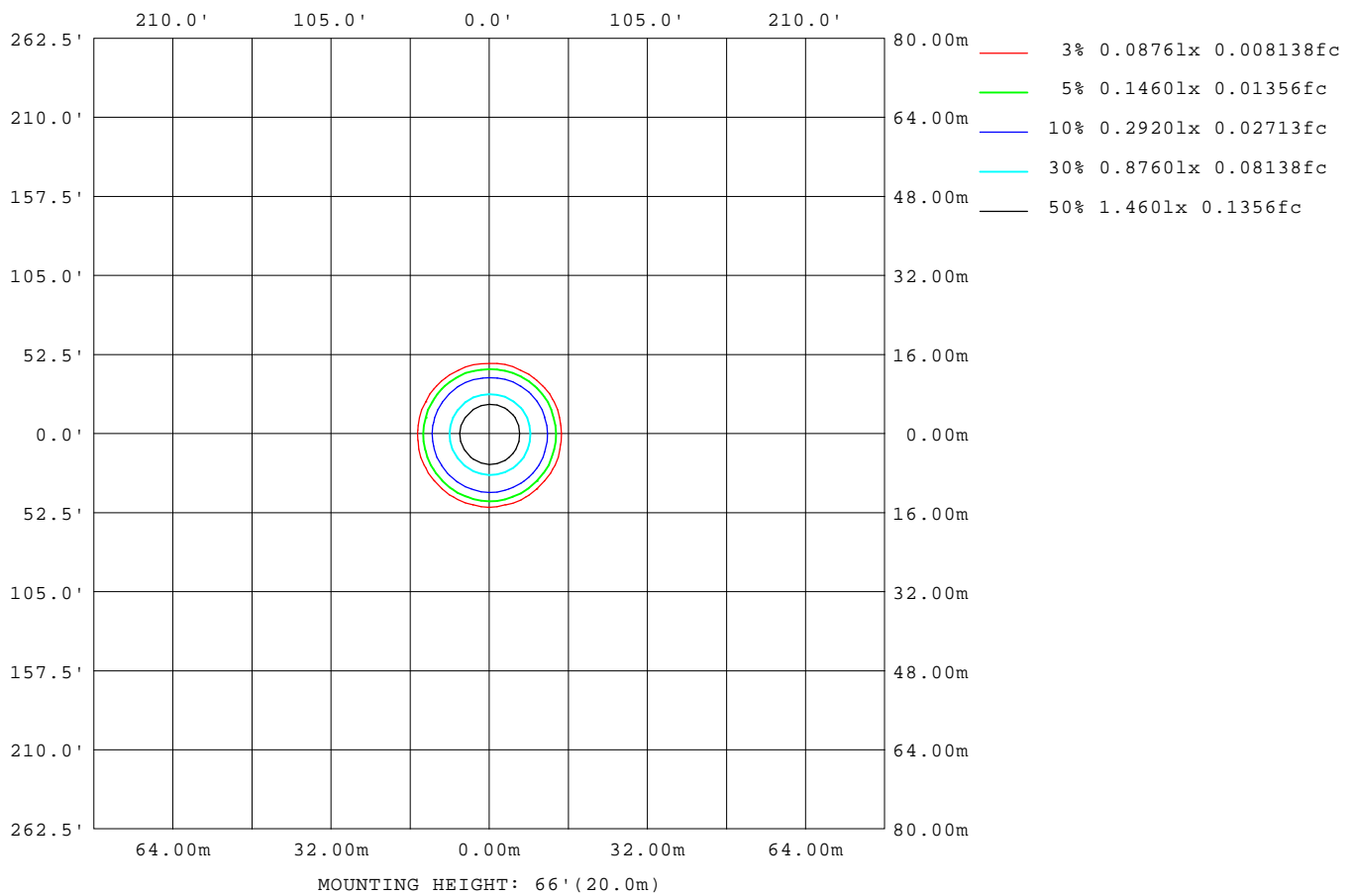
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

Range: 0 - 180DEG
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-1084C 50R
DRIVER: PUP10A-1WMC-350 260mA
30minutes warm-up

ISOLUX DIAGRAM

Test:U:120.11V I:0.1019A P:12.130W PF:0.9895 Freq:59.98Hz Lamp Flux:963.24lx1 lm		
NAME: 2318.120-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407010721
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

Range: 0 - 180DEG
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-1084C 50R
DRIVER:PUP10A-1WMC-350 260mA
30minutes warm-up

LED Avg.L Report

Test:U:120.11V I:0.1019A P:12.130W PF:0.9895 Freq:59.98Hz Lamp Flux:963.24lx1 lm		
NAME: 2318.120-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407010721
MFR.: RISE	SUR.: 0.0007065m2	Shielding Angle:

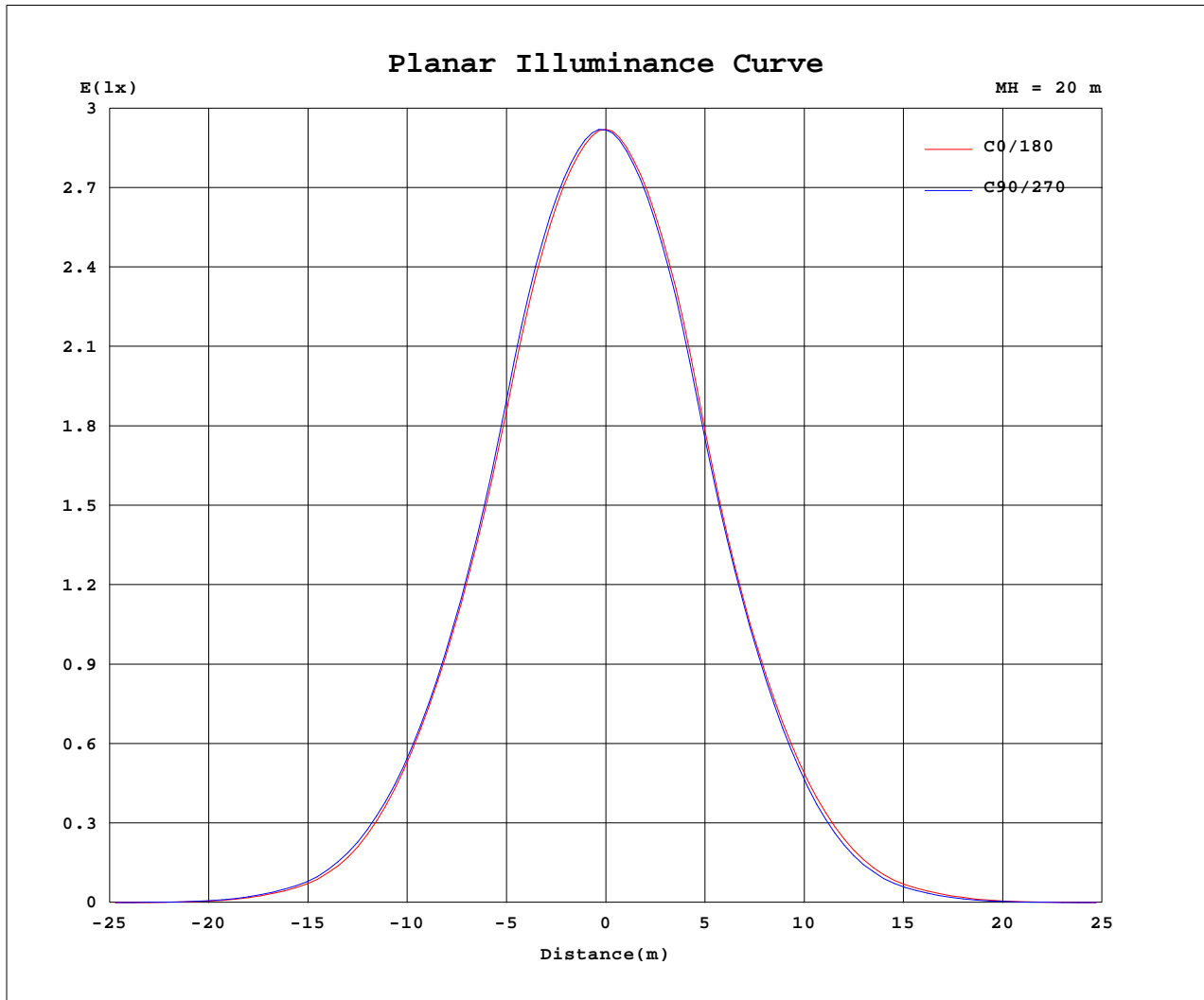
AvgL	cd/m2
L_0~180(65)av	277
L_0~180(75)av	176
L_0~180(85)av	73
L_90~270(65)av	271
L_90~270(75)av	161
L_90~270(85)av	35
L_45(65)av	273
L_45(75)av	150
L_45(85)av	0

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

Range: 0 - 180DEG
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-1084C 50R
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

Range: 0 - 180DEG
 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-1084C 50R
 DRIVER: PUP10A-1WMC-350 260mA
 30minutes warm-up



LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.11V I:0.1019A P:12.130W PF:0.9895 Freq:59.98Hz Lamp Flux:963.24lx1 lm		
NAME: 2318.120-LEA-13	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407010721
MFR.: RISE	SUR.: 0.0007065m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1168	1168	1168	1168	1168	1168	1168	1168	1168	1168	1168	1168						
5	1121	1126	1130	1130	1123	1116	1113	1107	1105	1106	1114	1120						
10	990	1001	1006	1007	993	977	972	958	956	958	975	988						
15	767	780	784	783	763	738	732	718	717	721	745	764						
20	546	562	563	554	534	513	507	498	501	500	521	545						
25	352	368	369	359	342	327	324	314	316	312	328	351						
30	190	204	205	202	189	179	176	168	167	162	173	189						
35	81.8	86.4	90.8	90.3	86.0	79.9	76.9	72.1	69.5	66.4	71.4	81.4						
40	30.9	32.5	33.8	35.2	33.6	31.9	30.6	28.4	26.2	24.1	26.2	30.1						
45	6.77	7.02	7.97	8.37	8.45	7.60	7.24	6.43	5.67	5.34	5.77	6.44						
50	1.05	1.14	1.25	1.37	1.31	1.23	1.10	0.95	0.86	0.78	0.86	0.98						
55	0.28	0.29	0.30	0.31	0.29	0.28	0.24	0.23	0.22	0.22	0.24	0.25						
60	0.15	0.15	0.15	0.15	0.15	0.14	0.14	0.13	0.13	0.13	0.13	0.14						
65	0.08	0.08	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08						
70	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.05						
75	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.03						
80	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.02	0.02	0.02	0.01	0.01						
85	0.00	0.00	0.00	0.00	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
Test Speed: HIGH
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Operators:zoe
Test Date:2024-7-1

Range: 0 - 180DEG
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