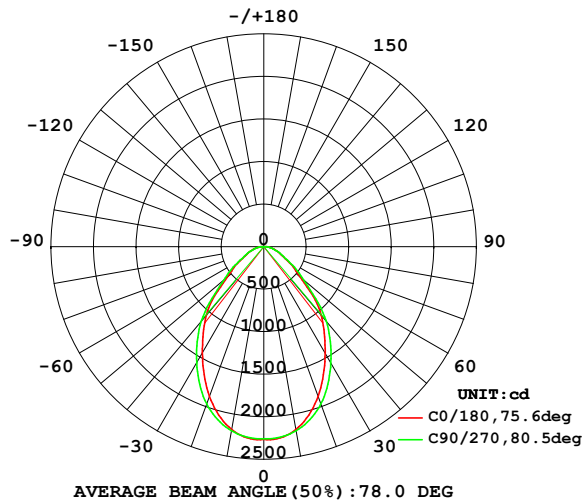


LUMINAIRE PHOTOMETRIC TEST REPORT

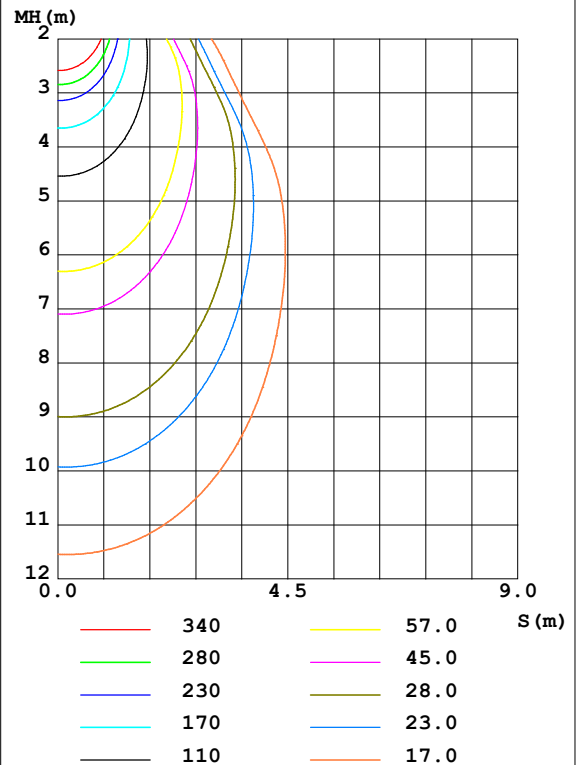
Test:U:221.4V I:0.1505A P:32.03W PF:0.9607 Lamp Flux:3823.39x1 lm		
NAME: 线条灯	TYPE:LED	WEIGHT:
SPEC.:LI-JE1200LM/W-CCT-SL-下发光-小蜂窝	DIM.: 60*75*1200	SERIAL No.:
MFR.: JT	SUR.:0.6*0.75*0.12	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 120.32 lm/W			
MODEL	LSM 32-50CCT-silver	Imax(cd)	2268	S/MH(C0/180)	1.01
NOMINAL POWER(W)	30	LOR(%)	100.8	S/MH(C90/270)	1.08
RATED VOLTAGE(V)	220-240	TOTAL FLUX(lm)	3853.2	η UP,DN(C0-180)	0.0,50.4
NOMINAL FLUX(lm)	3823.39	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	220	η down(%)	100.8	CIBSE SHR MAX	1.15

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-04-11

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C90	C180	C270					γ	Φ zone	Φ total	%lum, lamp
10	2182	2197	2182	2197					0- 10	212.9	212.9	5.53,5.57
20	1870	1966	1870	1966					10- 20	582.3	795.2	20.6,20.8
30	1445	1579	1445	1579					20- 30	790.4	1586	41.2,41.5
40	1049	1142	1049	1142					30- 40	813.9	2400	62.3,62.8
50	559.6	617.1	559.6	617.1					40- 50	643.8	3043	79,79.6
60	309.0	321.9	309.0	321.9					50- 60	399.3	3443	89.3,90
70	175.0	175.6	175.0	175.6					60- 70	233.1	3676	95.4,96.1
80	83.22	84.36	83.22	84.36					70- 80	133.4	3809	98.9,99.6
90	4.245	0.6762	4.245	0.6762					80- 90	44.01	3853	100,101
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

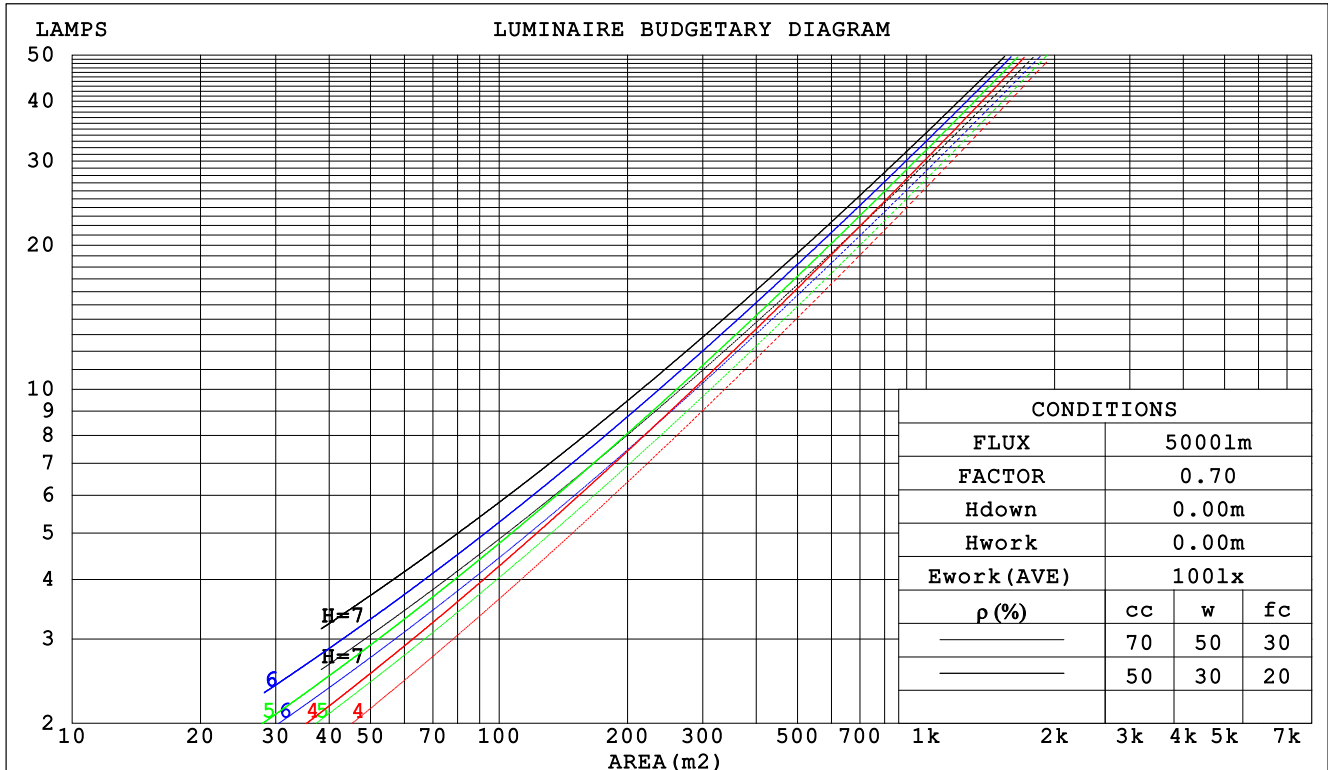
C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-04-11

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:221.4V I:0.1505A P:32.03W PF:0.9607 Lamp Flux:3823.39x1 lm		
NAME: 线条灯	TYPE:LED	WEIGHT:
SPEC.:LI-JE1200LM/W-CCT-SL-下发光-小蜂窝	DIM.: 60*75*1200	SERIAL No.:
MFR.: JT	SUR.:0.6*0.75*0.12	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	1.20	1.20	1.20	1.17	1.17	1.17	1.12	1.12	1.12	1.07	1.07	1.07	1.03	1.03	1.03	1.01
1.0	1.08	1.04	1.01	1.05	1.02	.99	1.01	.99	.96	.97	.95	.93	.94	.92	.90	.88
2.0	.96	.91	.86	.95	.89	.85	.91	.87	.83	.88	.84	.81	.85	.82	.79	.77
3.0	.87	.80	.74	.85	.79	.74	.82	.77	.72	.80	.75	.71	.77	.73	.70	.68
4.0	.79	.71	.65	.77	.70	.65	.75	.69	.64	.73	.67	.63	.71	.66	.62	.60
5.0	.71	.64	.58	.70	.63	.58	.68	.62	.57	.67	.61	.56	.65	.60	.56	.54
6.0	.65	.57	.52	.64	.57	.52	.63	.56	.51	.61	.55	.51	.60	.54	.50	.49
7.0	.60	.52	.47	.59	.52	.47	.58	.51	.46	.56	.50	.46	.55	.50	.46	.44
8.0	.55	.48	.43	.55	.48	.42	.54	.47	.42	.52	.46	.42	.51	.46	.42	.40
9.0	.51	.44	.39	.51	.44	.39	.50	.43	.39	.49	.43	.38	.48	.42	.38	.37
10.0	.48	.41	.36	.47	.40	.36	.46	.40	.36	.46	.40	.35	.45	.39	.35	.34



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-04-11

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:221.4V I:0.1505A P:32.03W PF:0.9607 Lamp Flux:3823.39x1 lm					
NAME: 线条灯			TYPE:LED		WEIGHT:
SPEC.:LI-JE1200LM/W-CCT-SL-下发光-小蜂窝			DIM.: 60*75*1200		SERIAL No.:
MFR.: JT			SUR.:0.6*0.75*0.12		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	.256	.146	.046	.249	.142	.045	.236	.135	.043	.224	.129	.041	.213	.123	.040		
2.0	.243	.133	.041	.237	.131	.040	.226	.126	.039	.215	.121	.038	.206	.116	.037		
3.0	.228	.122	.036	.223	.119	.036	.213	.116	.035	.204	.112	.034	.196	.108	.033		
4.0	.214	.111	.033	.209	.109	.032	.200	.106	.032	.192	.103	.031	.185	.100	.031		
5.0	.200	.102	.030	.196	.101	.029	.188	.098	.029	.181	.096	.028	.175	.093	.028		
6.0	.188	.094	.027	.184	.093	.027	.178	.091	.026	.171	.089	.026	.165	.087	.026		
7.0	.177	.087	.025	.174	.086	.025	.168	.085	.024	.162	.083	.024	.156	.081	.024		
8.0	.167	.081	.023	.164	.081	.023	.158	.079	.023	.153	.078	.022	.148	.076	.022		
9.0	.158	.076	.021	.155	.076	.021	.150	.074	.021	.145	.073	.021	.141	.072	.021		
10.0	.149	.072	.020	.147	.071	.020	.143	.070	.020	.138	.069	.020	.134	.068	.019		

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	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.178	.158	.140	.152	.135	.120	.104	.093	.083	.060	.054	.048	.019	.017	.016	
2.0	.167	.133	.105	.143	.115	.091	.098	.079	.063	.056	.046	.037	.018	.015	.012	
3.0	.157	.115	.081	.135	.099	.070	.093	.069	.049	.053	.040	.029	.017	.013	.010	
4.0	.149	.101	.064	.128	.087	.056	.088	.061	.039	.051	.036	.023	.016	.012	.008	
5.0	.141	.090	.052	.121	.078	.045	.084	.054	.032	.048	.032	.019	.016	.010	.006	
6.0	.134	.081	.043	.115	.070	.038	.080	.049	.027	.046	.029	.016	.015	.009	.005	
7.0	.128	.074	.037	.110	.064	.032	.076	.045	.023	.044	.027	.013	.014	.009	.004	
8.0	.122	.068	.032	.105	.059	.027	.072	.042	.019	.042	.024	.012	.014	.008	.004	
9.0	.116	.063	.027	.100	.055	.024	.069	.039	.017	.040	.023	.010	.013	.007	.003	
10.0	.111	.059	.024	.095	.051	.021	.066	.036	.015	.039	.021	.009	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-04-11

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:221.4V I:0.1505A P:32.03W PF:0.9607 Lamp Flux:3823.39x1 lm										
NAME: 线条灯					TYPE:LED			WEIGHT:		
SPEC.:LI-JE1200LM/W-CCT-SL-下发光-小蜂窝					DIM.: 60*75*1200			SERIAL No.:		
MFR.: JT					SUR.:0.6*0.75*0.12			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	21.0	22.3	21.3	22.5	22.7	21.3	22.6	21.6	22.8	23.0
3H	21.8	23.0	22.1	23.2	23.4	22.0	23.2	22.3	23.4	23.7
4H	22.2	23.3	22.5	23.5	23.8	22.4	23.5	22.7	23.7	24.0
6H	22.5	23.6	22.8	23.8	24.1	22.7	23.7	23.0	24.0	24.3
8H	22.6	23.7	23.0	23.9	24.2	22.8	23.8	23.1	24.1	24.4
12H	22.7	23.7	23.1	24.0	24.3	22.9	23.8	23.2	24.1	24.4
4H 2H	21.3	22.4	21.6	22.7	22.9	21.5	22.7	21.8	22.9	23.2
3H	22.3	23.3	22.6	23.6	23.8	22.5	23.4	22.8	23.7	24.0
4H	22.8	23.7	23.1	24.0	24.3	22.9	23.8	23.3	24.1	24.5
6H	23.3	24.1	23.6	24.4	24.8	23.4	24.2	23.8	24.5	24.9
8H	23.5	24.2	23.9	24.6	24.9	23.6	24.3	24.0	24.7	25.0
12H	23.6	24.3	24.0	24.7	25.1	23.7	24.4	24.1	24.8	25.1
8H 4H	23.0	23.7	23.4	24.1	24.4	23.1	23.8	23.5	24.2	24.6
6H	23.6	24.2	24.0	24.6	25.0	23.7	24.3	24.1	24.7	25.1
8H	23.9	24.4	24.3	24.8	25.3	24.0	24.5	24.4	24.9	25.4
12H	24.1	24.6	24.6	25.1	25.5	24.2	24.6	24.7	25.1	25.6
12H 4H	23.0	23.6	23.4	24.0	24.4	23.1	23.8	23.5	24.1	24.5
6H	23.6	24.2	24.1	24.6	25.1	23.8	24.3	24.2	24.7	25.2
8H	24.0	24.4	24.5	24.9	25.4	24.1	24.5	24.5	25.0	25.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.5					+ 0.5 / - 0.6				
1.5H	+ 0.3 / - 0.4					+ 0.4 / - 0.3				
2.0H	+ 1.0 / - 0.6					+ 1.0 / - 0.7				

CIE Pub.117 Corrected 3823 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.7)

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-04-11

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:7.580m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:221.4V I:0.1505A P:32.03W PF:0.9607 Lamp Flux:3823.39x1 lm		
NAME: 线条灯	TYPE:LED	WEIGHT:
SPEC.:LI-JE1200LM/W-CCT-SL-下发光-小蜂窝	DIM.: 60*75*1200	SERIAL No.:
MFR.: JT	SUR.:0.6*0.75*0.12	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) $k(RI) \times RCR = 5$									
$k = 0.60$	69	59	53	68	58	53	67	58	53	47
0.80	78	69	62	77	68	62	76	67	62	56
1.00	86	77	71	85	76	70	83	77	70	64
1.25	92	83	78	91	83	77	88	81	76	70
1.50	96	88	83	95	87	82	92	86	81	75
2.00	101	95	90	100	93	89	97	91	87	80
2.50	104	98	93	102	97	92	99	94	91	83
3.00	107	102	97	105	100	96	101	97	94	86
4.00	110	106	102	108	104	100	104	101	98	90
5.00	112	108	105	110	106	103	105	103	100	92
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-04-11

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:221.4V I:0.1505A P:32.03W PF:0.9607 Lamp Flux:3823.39x1 lm		
NAME: 线条灯	TYPE:LED	WEIGHT:
SPEC.:LI-JE1200LM/W-CCT-SL-下发光-小蜂窝	DIM.: 60*75*1200	SERIAL No.:
MFR.: JT	SUR.:0.6*0.75*0.12	Shielding Angle:

Conical surface Flux(90deg):

2759.8 lm

%lum = 71.6%

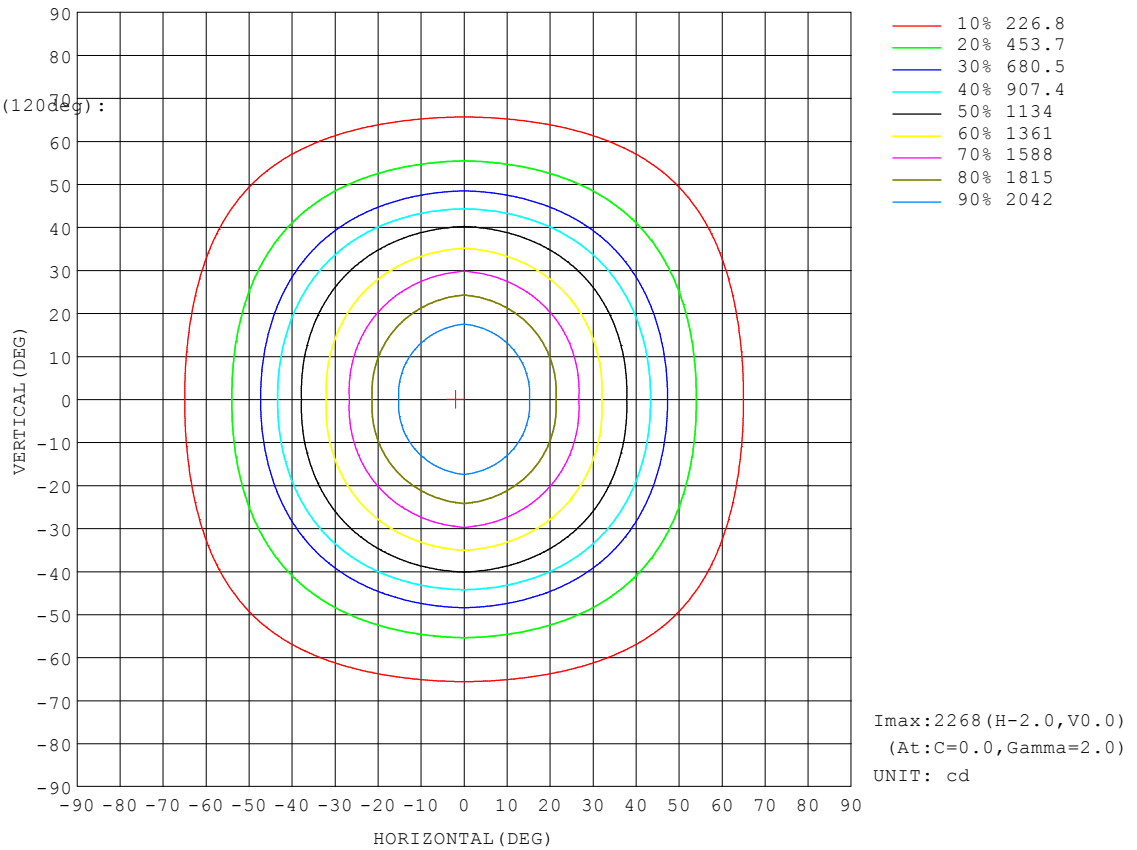
%lamp = 72.2%

Conical surface Flux(120deg):

3442.7 lm

%lum = 89.3%

%lamp = 90.0%

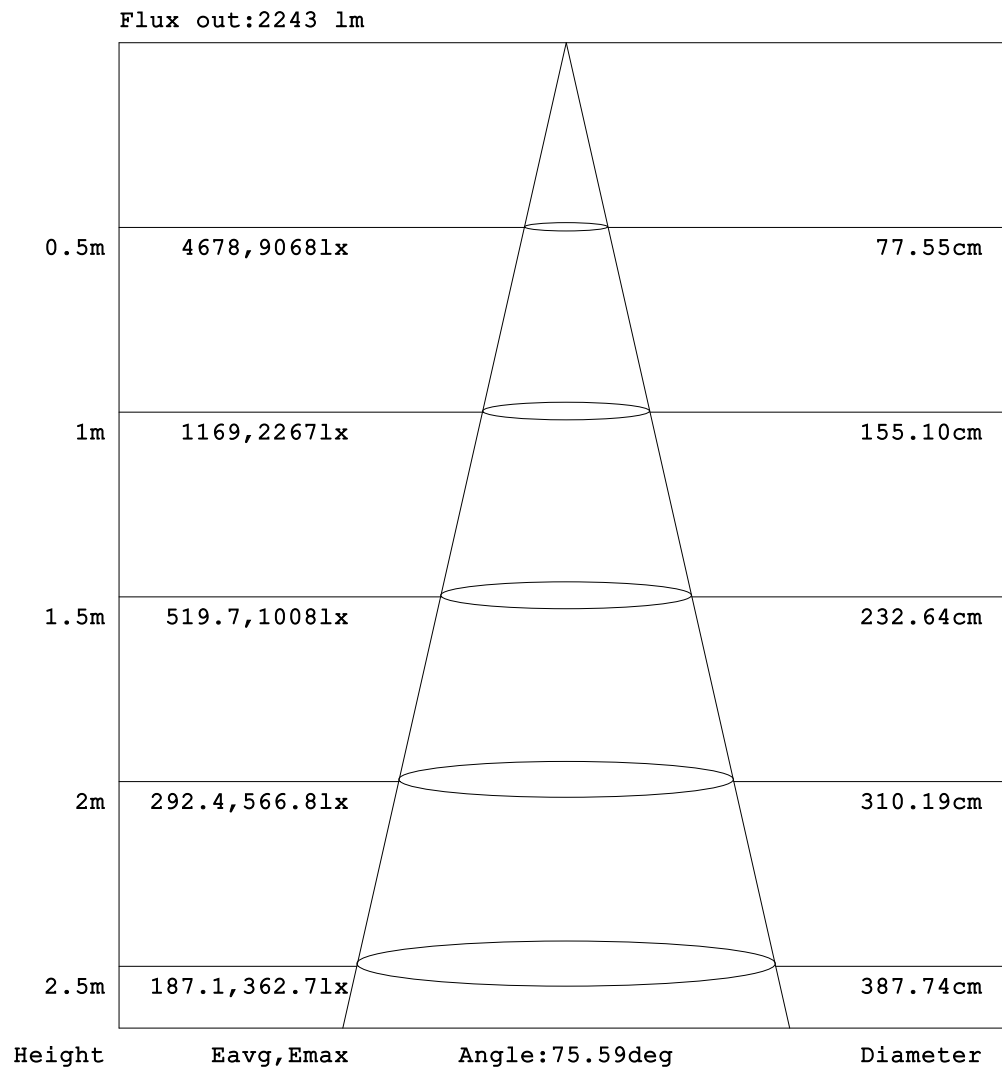


C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-04-11

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

AAI Figure

Test:U:221.4V I:0.1505A P:32.03W PF:0.9607 Lamp Flux:3823.39x1 lm		
NAME: 线条灯	TYPE:LED	WEIGHT:
SPEC.:LI-JE1200LM/W-CCT-SL-下发光-小蜂窝	DIM.: 60*75*1200	SERIAL No.:
MFR.: JT	SUR.:0.6*0.75*0.12	Shielding Angle:



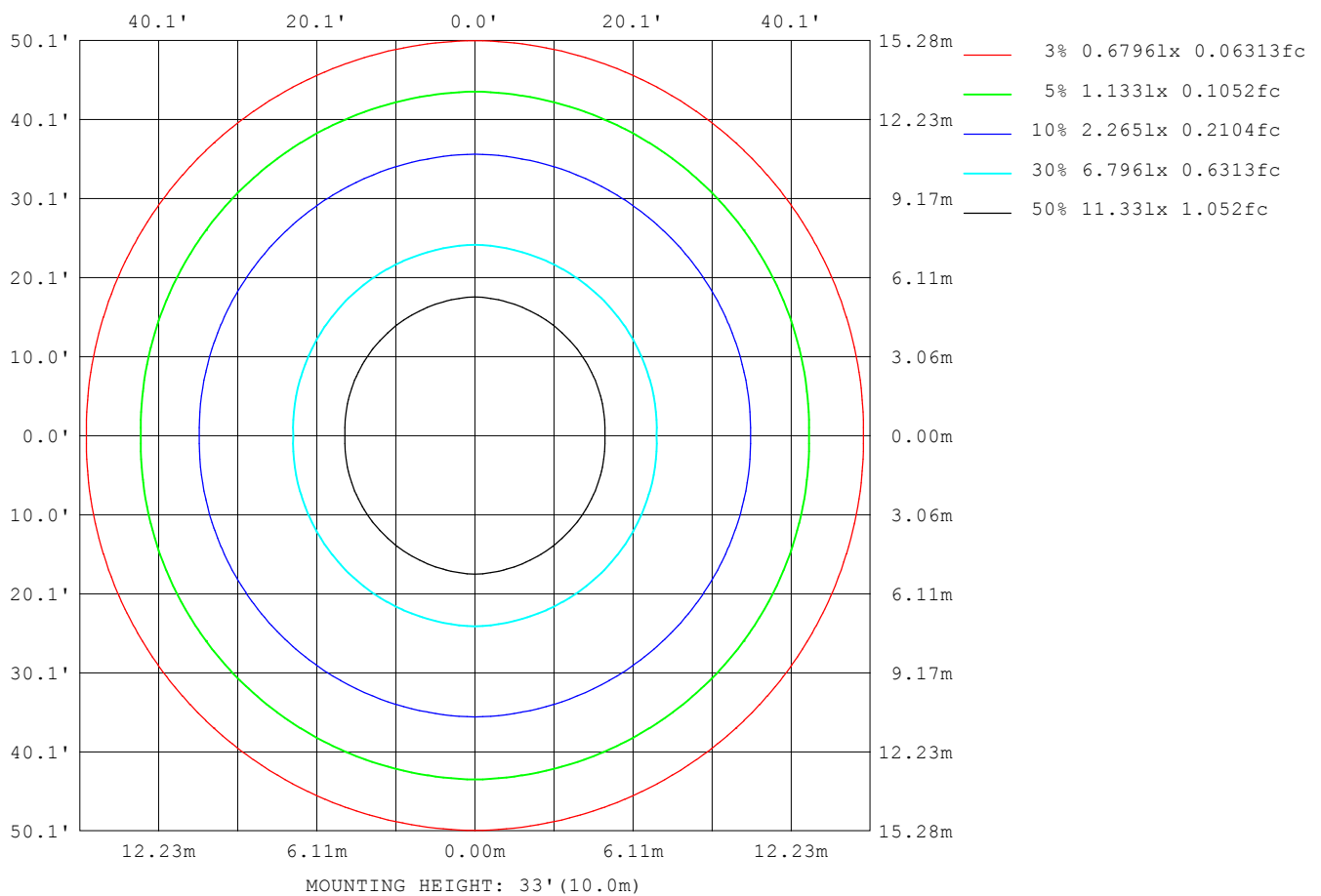
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-04-11

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:221.4V I:0.1505A P:32.03W PF:0.9607 Lamp Flux:3823.39x1 lm		
NAME: 线条灯	TYPE:LED	WEIGHT:
SPEC.:LI-JE1200LM/W-CCT-SL-下发光-小蜂窝	DIM.: 60*75*1200	SERIAL No.:
MFR.: JT	SUR.:0.6*0.75*0.12	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-04-11

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:221.4V I:0.1505A P:32.03W PF:0.9607 Lamp Flux:3823.39x1 lm		
NAME: 线条灯	TYPE:LED	WEIGHT:
SPEC.:LI-JE1200LM/W-CCT-SL-下发光-小蜂窝	DIM.: 60*75*1200	SERIAL No.:
MFR.: JT	SUR.:0.6*0.75*0.12	Shielding Angle:

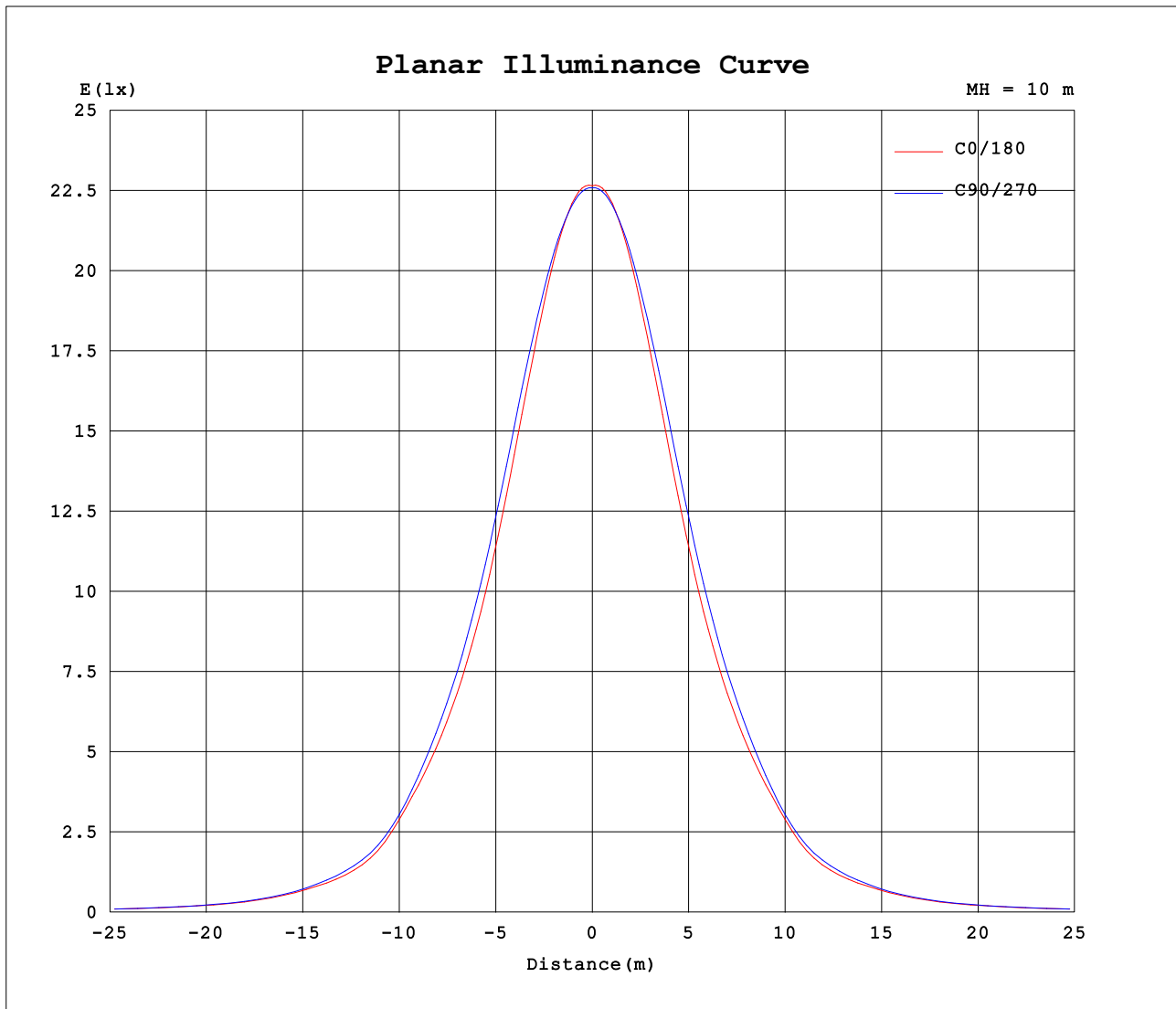
AvgL	cd/m2
L_0~180 (65) av	9919
L_0~180 (75) av	8927
L_0~180 (85) av	9144
L_90~270 (65) av	10277
L_90~270 (75) av	8858
L_90~270 (85) av	7725
L_45 (65) av	10143
L_45 (75) av	8884
L_45 (85) av	8257

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-04-11

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2023-04-11

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity: 65.0%
Test Distance: 7.580m [K=1.0000]
Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

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