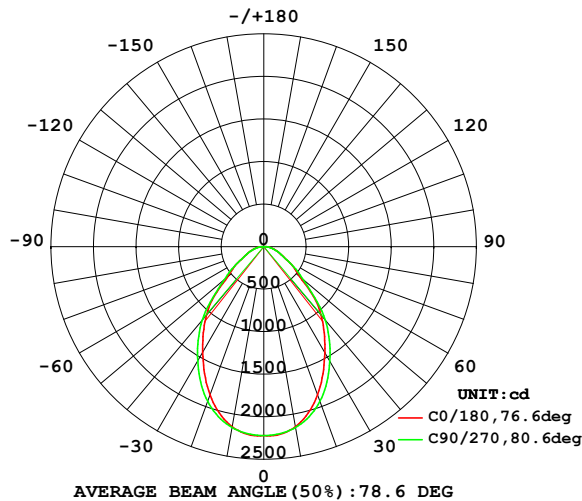


## LUMINAIRE PHOTOMETRIC TEST REPORT

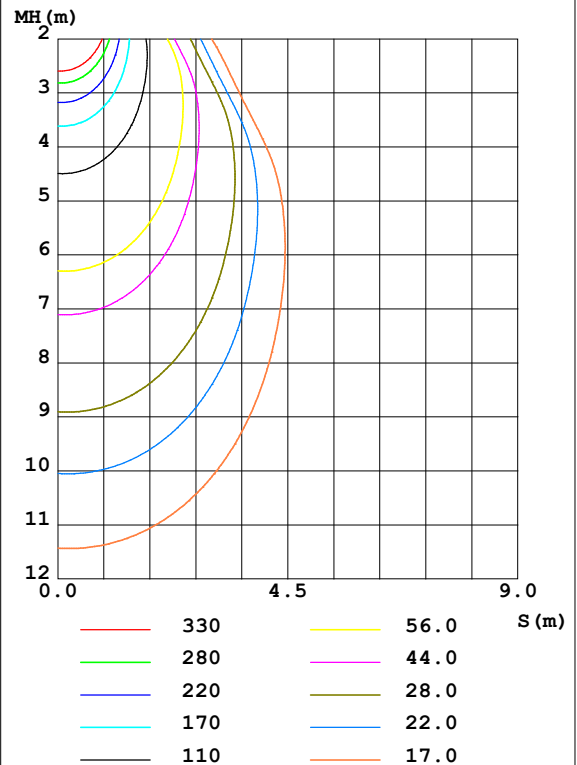
Test:U:221.4V I:0.1484A P:31.53W PF:0.9592 Lamp Flux:3817.95x1 lm		
NAME: 线条灯	TYPE:LED	WEIGHT:
SPEC.:LI-JE1200LM/W-CCT-SL-下发光-小蜂窝	DIM.: 60*75*1200	SERIAL No.:
MFR.: JT	SUR.:0.6*0.75*0.12	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 121.11 lm/W			
MODEL	LSM 32-50CCT-silver	Imax(cd)	2226	S/MH(C0/180)	1.02
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	1.08
RATED VOLTAGE(V)	220-240	TOTAL FLUX(lm)	3818.0	$\eta$ UP,DN(C0-180)	0.0,50.0
NOMINAL FLUX(lm)	3817.95	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	0.0,50.0
LAMPS INSIDE	1	$\eta$ up(%)	0.0	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	220	$\eta$ down(%)	100.0	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

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity: 65.0%  
Test Distance: 7.560m [K=0.9656]  
Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C90	C180	C270					$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	2149	2158	2149	2158					0- 10	209.2	209.2	5.48,5.48
20	1852	1933	1852	1933					10- 20	573.7	782.9	20.5,20.5
30	1437	1554	1437	1554					20- 30	781.0	1564	41,41
40	1048	1125	1048	1125					30- 40	806.2	2370	62.1,62.1
50	563.2	608.8	563.2	608.8					40- 50	640.5	3011	78.9,78.9
60	311.7	318.0	311.7	318.0					50- 60	397.7	3408	89.3,89.3
70	175.8	173.3	175.8	173.3					60- 70	232.0	3640	95.3,95.3
80	84.09	83.26	84.09	83.26					70- 80	133.0	3773	98.8,98.8
90	5.823	0.6687	5.823	0.6687					80- 90	44.63	3818	100,100
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		

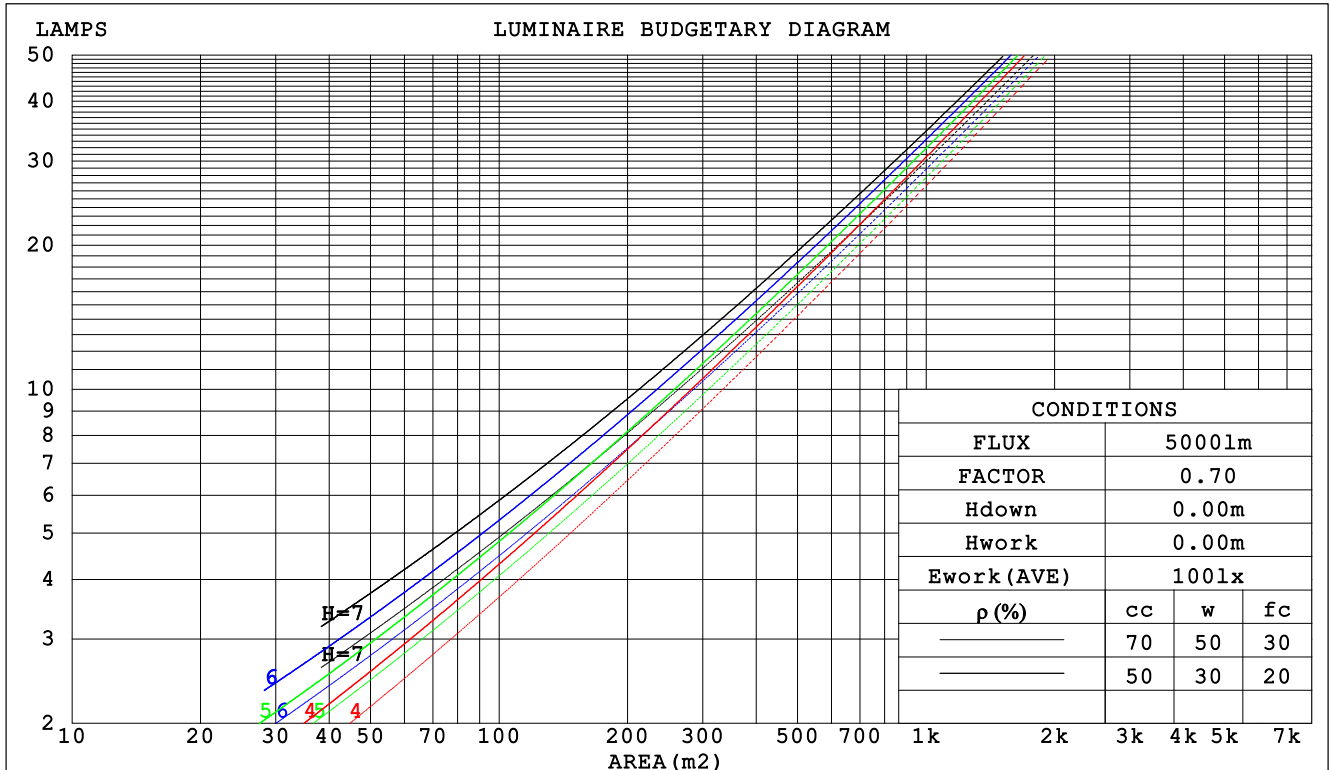
C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-04-11

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:7.560m [K=0.9656]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:221.4V I:0.1484A P:31.53W PF:0.9592 Lamp Flux:3817.95x1 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:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.07	1.03	1.00	1.05	1.01	.98	1.00	.98	.95	.97	.94	.92	.93	.91	.90	.88
2.0	.96	.90	.85	.94	.89	.84	.90	.86	.82	.87	.84	.80	.84	.81	.79	.77
3.0	.86	.79	.74	.85	.78	.73	.82	.76	.72	.79	.74	.71	.77	.73	.69	.67
4.0	.78	.70	.65	.77	.70	.64	.74	.68	.63	.72	.67	.63	.70	.65	.62	.60
5.0	.71	.63	.57	.70	.62	.57	.68	.61	.56	.66	.60	.56	.64	.59	.55	.53
6.0	.65	.57	.51	.64	.56	.51	.62	.56	.51	.61	.55	.50	.59	.54	.50	.48
7.0	.60	.52	.46	.59	.51	.46	.57	.51	.46	.56	.50	.46	.55	.49	.45	.43
8.0	.55	.47	.42	.54	.47	.42	.53	.46	.42	.52	.46	.42	.51	.45	.41	.40
9.0	.51	.44	.38	.50	.43	.38	.49	.43	.38	.48	.42	.38	.47	.42	.38	.36
10.0	.47	.40	.35	.47	.40	.35	.46	.40	.35	.45	.39	.35	.44	.39	.35	.33



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

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:7.560m [K=0.9656]  
Remarks:

## WEC AND CCEC

Test:U:221.4V I:0.1484A P:31.53W PF:0.9592 Lamp Flux:3817.95x1 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	.255	.145	.046	.248	.141	.045	.235	.135	.043	.223	.128	.041	.212	.123	.040		
2.0	.242	.133	.041	.236	.130	.040	.225	.125	.039	.214	.120	.038	.205	.116	.037		
3.0	.227	.121	.036	.222	.119	.036	.212	.115	.035	.203	.111	.034	.194	.108	.033		
4.0	.213	.110	.032	.208	.109	.032	.199	.106	.032	.191	.103	.031	.184	.100	.030		
5.0	.199	.101	.029	.195	.100	.029	.187	.098	.029	.180	.095	.028	.174	.093	.028		
6.0	.187	.094	.027	.183	.093	.027	.176	.090	.026	.170	.088	.026	.164	.086	.026		
7.0	.176	.087	.025	.173	.086	.024	.166	.084	.024	.161	.082	.024	.155	.081	.024		
8.0	.166	.081	.023	.163	.080	.023	.157	.079	.022	.152	.077	.022	.148	.076	.022		
9.0	.157	.076	.021	.154	.075	.021	.149	.074	.021	.145	.072	.021	.140	.071	.021		
10.0	.148	.071	.020	.146	.071	.020	.142	.069	.020	.137	.068	.019	.134	.067	.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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.176	.157	.139	.151	.134	.119	.103	.092	.083	.059	.054	.048	.019	.017	.016	
2.0	.166	.132	.104	.142	.114	.090	.097	.079	.063	.056	.046	.037	.018	.015	.012	
3.0	.156	.114	.080	.134	.098	.070	.092	.068	.049	.053	.040	.029	.017	.013	.009	
4.0	.148	.100	.064	.127	.087	.055	.087	.060	.039	.050	.035	.023	.016	.012	.008	
5.0	.140	.089	.052	.120	.077	.045	.083	.054	.032	.048	.032	.019	.015	.010	.006	
6.0	.133	.081	.043	.114	.070	.037	.079	.049	.026	.046	.029	.016	.015	.009	.005	
7.0	.127	.074	.036	.109	.064	.032	.075	.045	.022	.044	.026	.013	.014	.009	.004	
8.0	.121	.068	.031	.104	.059	.027	.072	.041	.019	.042	.024	.012	.014	.008	.004	
9.0	.115	.063	.027	.099	.054	.024	.069	.038	.017	.040	.023	.010	.013	.007	.003	
10.0	.110	.058	.024	.095	.051	.021	.066	.036	.015	.038	.021	.009	.012	.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:7.560m [K=0.9656]  
Remarks:

UGR(Unified Glare Rating) Table

Test:U:221.4V I:0.1484A P:31.53W PF:0.9592 Lamp Flux:3817.95x1 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	21.1	22.4	21.3	22.6	22.8	21.3	22.6	21.5	22.8	23.0
3H	21.8	23.0	22.1	23.3	23.5	22.0	23.2	22.3	23.4	23.6
4H	22.2	23.3	22.5	23.6	23.8	22.3	23.5	22.6	23.7	23.9
6H	22.5	23.6	22.8	23.9	24.1	22.6	23.7	22.9	23.9	24.2
8H	22.7	23.7	23.0	24.0	24.3	22.7	23.8	23.1	24.0	24.3
12H	22.8	23.8	23.1	24.1	24.3	22.8	23.8	23.2	24.1	24.4
4H 2H	21.3	22.5	21.6	22.7	23.0	21.5	22.6	21.8	22.9	23.1
3H	22.3	23.3	22.6	23.6	23.9	22.4	23.4	22.8	23.7	24.0
4H	22.8	23.7	23.2	24.0	24.3	22.9	23.8	23.3	24.1	24.4
6H	23.3	24.1	23.7	24.4	24.8	23.3	24.1	23.7	24.5	24.8
8H	23.5	24.2	23.9	24.6	25.0	23.5	24.3	23.9	24.6	25.0
12H	23.7	24.4	24.1	24.7	25.1	23.7	24.3	24.1	24.7	25.1
8H 4H	23.0	23.7	23.4	24.1	24.5	23.1	23.8	23.5	24.2	24.5
6H	23.6	24.2	24.1	24.6	25.1	23.7	24.3	24.1	24.7	25.1
8H	23.9	24.5	24.4	24.9	25.3	23.9	24.5	24.4	24.9	25.4
12H	24.2	24.7	24.7	25.1	25.6	24.2	24.6	24.6	25.1	25.5
12H 4H	23.0	23.7	23.4	24.1	24.5	23.1	23.7	23.5	24.1	24.5
6H	23.7	24.2	24.1	24.6	25.1	23.7	24.3	24.2	24.7	25.1
8H	24.0	24.5	24.5	24.9	25.4	24.0	24.5	24.5	25.0	25.4
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 3818 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:7.560m [K=0.9656]  
 Remarks:

## UTILIZATION FACTORS TABLE

Test:U:221.4V I:0.1484A P:31.53W PF:0.9592 Lamp Flux:3817.95x1 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) $k(RI) \times RCR = 5$									
$k = 0.60$	68	58	52	67	58	52	66	57	52	46
0.80	77	68	62	77	68	62	75	67	61	56
1.00	85	76	70	84	75	70	82	76	69	63
1.25	91	83	77	90	82	77	87	81	76	70
1.50	95	87	82	94	87	81	91	85	80	74
2.00	101	94	89	99	93	88	96	91	86	80
2.50	104	97	93	102	96	92	98	93	90	82
3.00	106	101	96	104	99	95	100	96	93	85
4.00	109	105	101	107	103	100	103	100	97	89
5.00	111	107	104	109	105	102	104	102	99	91
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:7.560m [K=0.9656]  
 Remarks:

## ISOCANDELA DIAGRAM

Test:U:221.4V I:0.1484A P:31.53W PF:0.9592 Lamp Flux:3817.95x1 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):

2728 lm

%lum = 71.5%

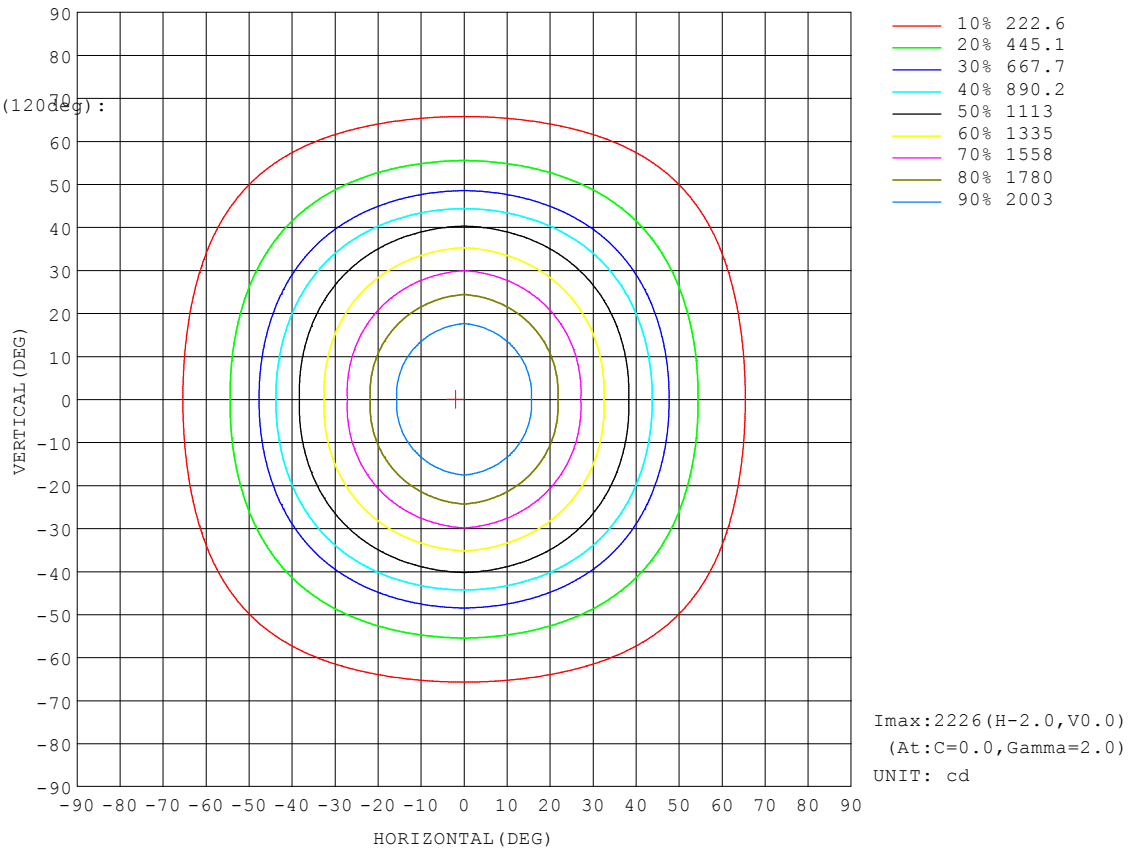
%lamp = 71.5%

Conical surface Flux(120deg):

3408.4 lm

%lum = 89.3%

%lamp = 89.3%

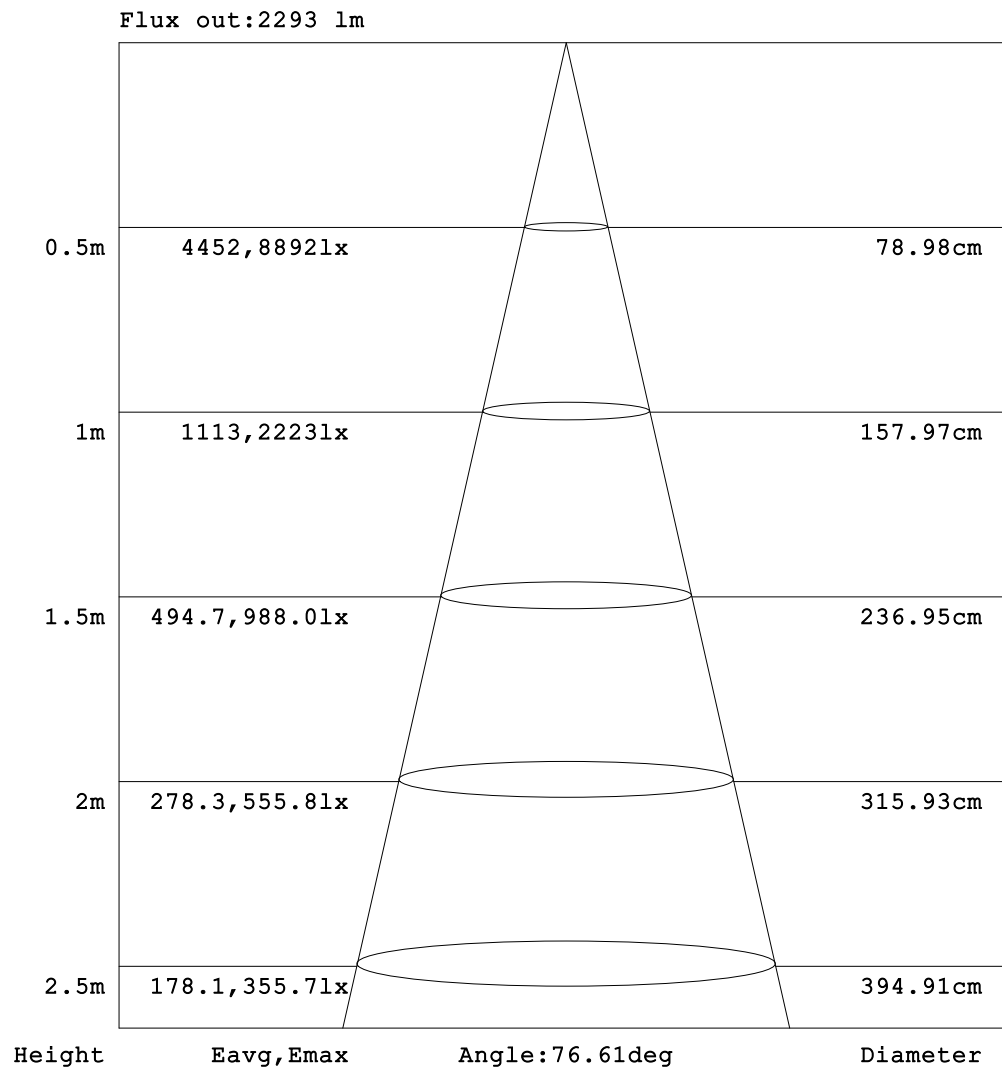


C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-04-11

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:7.560m [K=0.9656]  
Remarks:

## AAI Figure

Test:U:221.4V I:0.1484A P:31.53W PF:0.9592 Lamp Flux:3817.95x1 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.

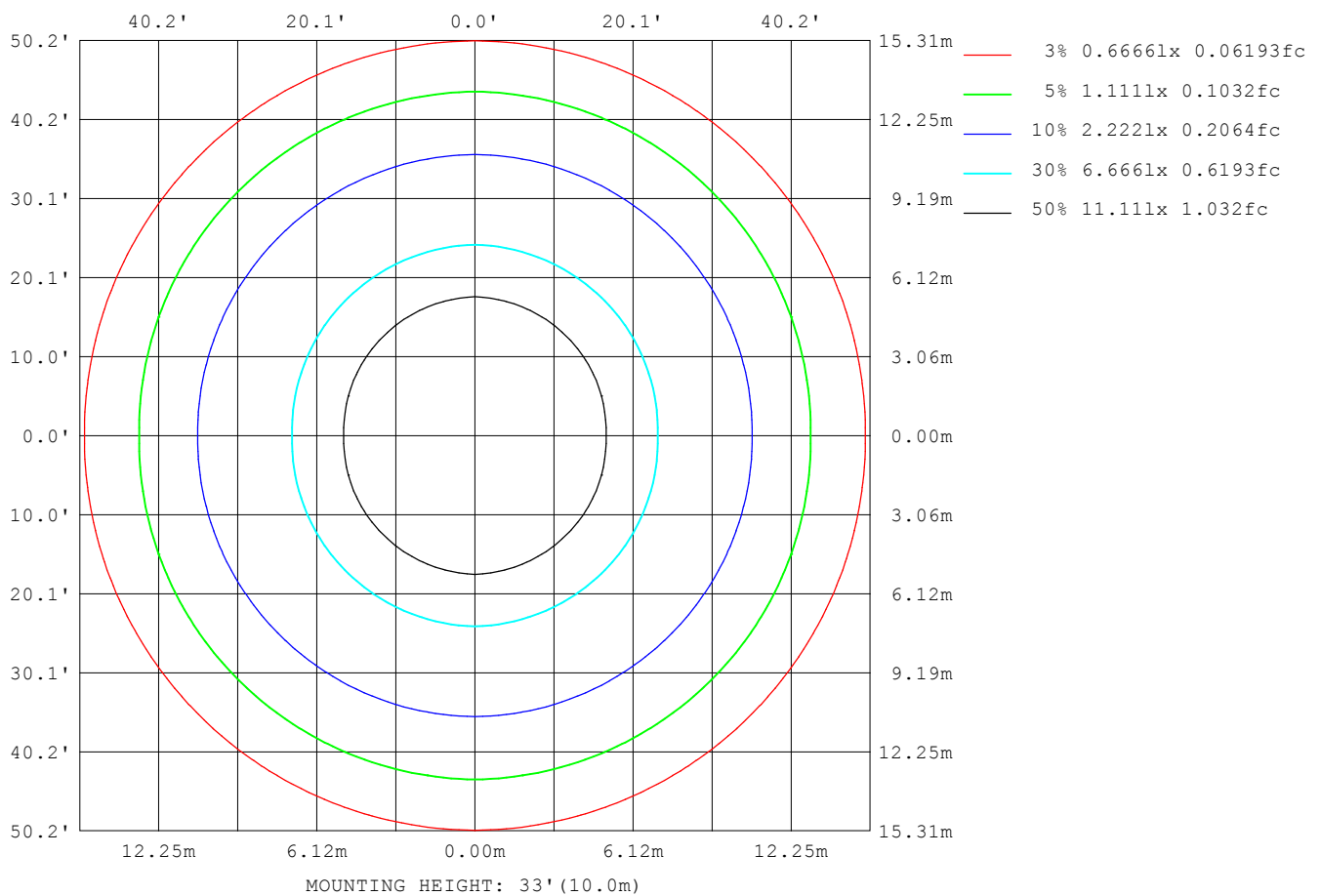
C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2023-04-11

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
 Humidity: 65.0%  
 Test Distance: 7.560m [K=0.9656]  
 Remarks:



## ISOLUX DIAGRAM

Test:U:221.4V I:0.1484A P:31.53W PF:0.9592 Lamp Flux:3817.95x1 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

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:7.560m [K=0.9656]  
Remarks:

## LED Avg.L Report

Test:U:221.4V I:0.1484A P:31.53W PF:0.9592 Lamp Flux:3817.95x1 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:

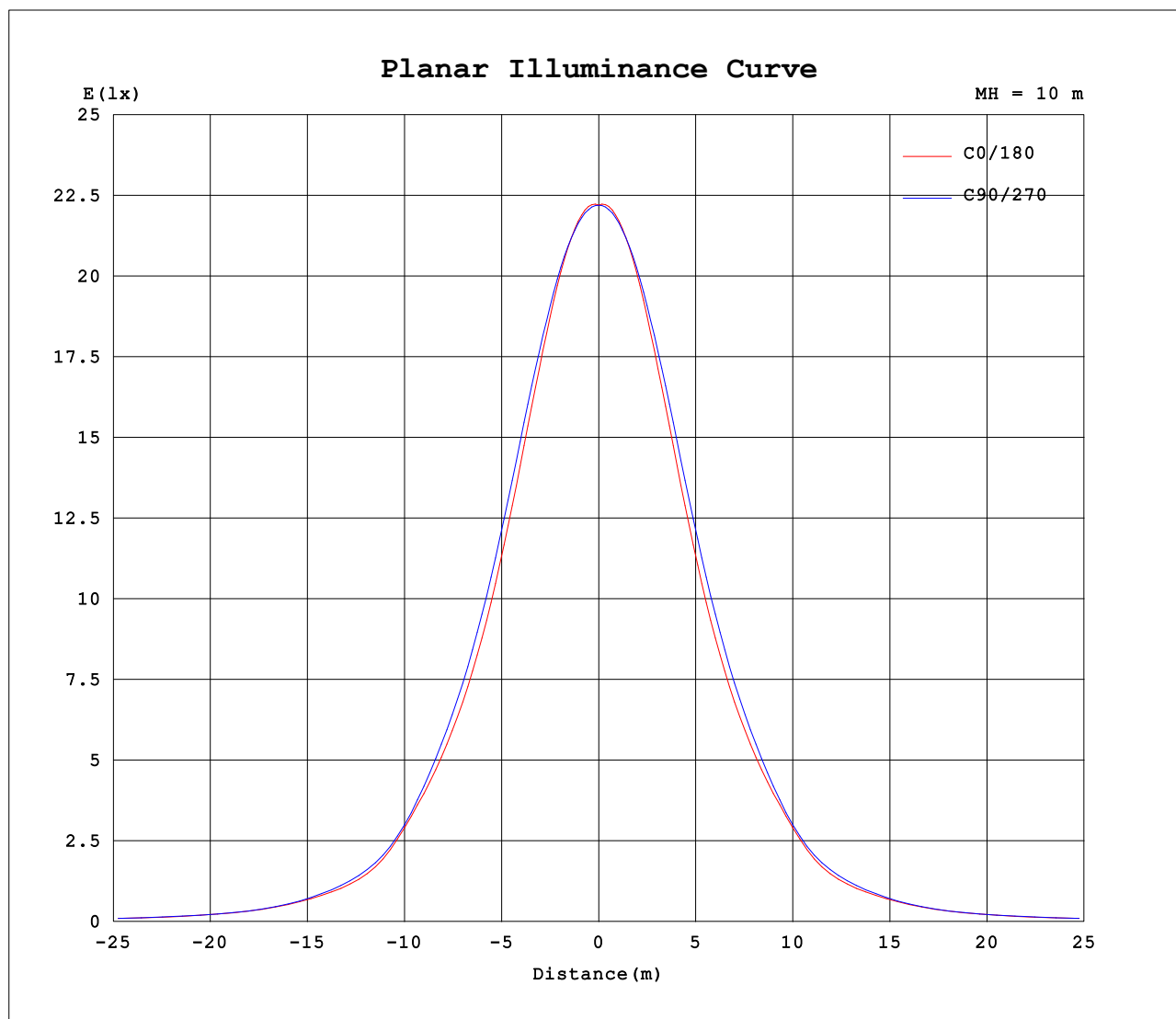
AvgL	cd/m2
L_0~180 (65) av	9939
L_0~180 (75) av	9029
L_0~180 (85) av	9504
L_90~270 (65) av	10141
L_90~270 (75) av	8746
L_90~270 (85) av	7637
L_45 (65) av	10065
L_45 (75) av	8852
L_45 (85) av	8337

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:7.560m [K=0.9656]  
Remarks:

## Planar Illuminance Curve



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

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity: 65.0%  
Test Distance: 7.560m [K=0.9656]  
Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.560m [K=0.9656]
Remarks:

```