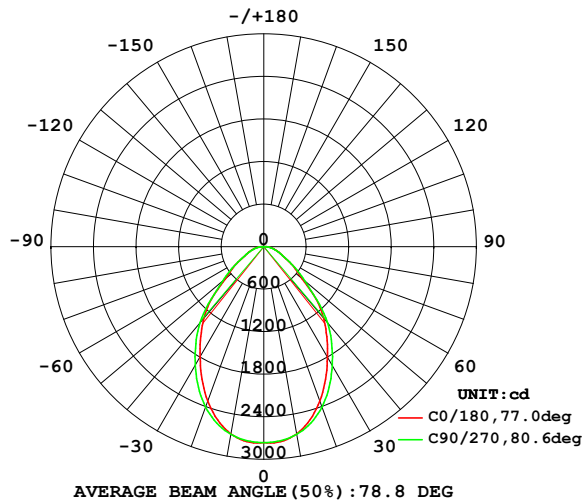


LUMINAIRE PHOTOMETRIC TEST REPORT

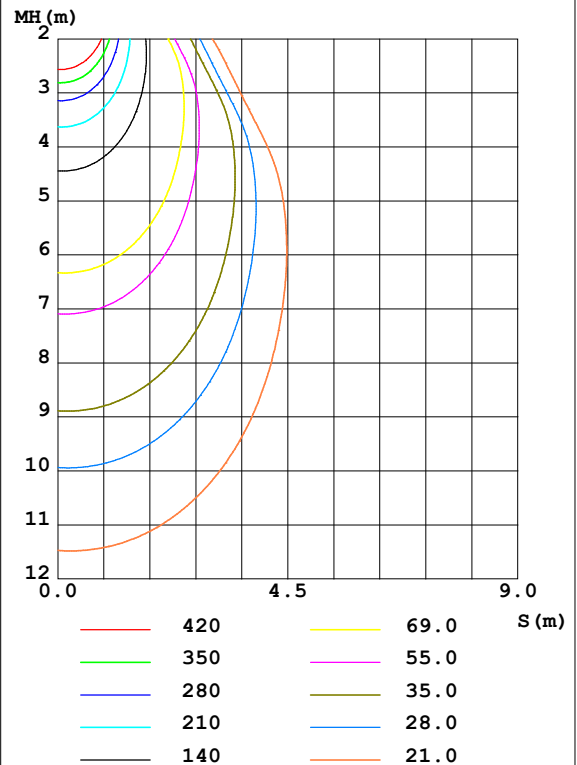
Test:U:221.6V I:0.1782A P:38.54W PF:0.9762 Lamp Flux:5024.01x1 lm		
NAME: 线条灯	TYPE:LED	WEIGHT:
SPEC.:LI-JE1200LM/W-CCT-SL-下发光-小蜂窝	DIM.: 60*75*1200	SERIAL No.:
MFR.: JT	SUR.:0.6*0.75*0.12	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 123.74 lm/W			
MODEL	LSM 32-50CCT-silver	Imax(cd)	2772	S/MH(C0/180)	1.02
NOMINAL POWER(W)	30	LOR(%)	94.9	S/MH(C90/270)	1.08
RATED VOLTAGE(V)	220-240	TOTAL FLUX(lm)	4768.8	η UP,DN(C0-180)	0.0,47.5
NOMINAL FLUX(lm)	5024.01	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,47.5
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	220	η down(%)	94.9	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:7.400m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C90	C180	C270					γ	Φ zone	Φ total	%lum, lamp
10	2680	2687	2680	2687					0- 10	260.6	260.6	5.47,5.19
20	2315	2406	2315	2406					10- 20	715.3	976.0	20.5,19.4
30	1800	1934	1800	1934					20- 30	974.6	1951	40.9,38.8
40	1313	1399	1313	1399					30- 40	1006	2957	62,58.9
50	710.3	756.4	710.3	756.4					40- 50	801.3	3758	78.8,74.8
60	393.9	395.5	393.9	395.5					50- 60	497.2	4255	89.2,84.7
70	221.0	215.6	221.0	215.6					60- 70	290.4	4546	95.3,90.5
80	106.1	103.8	106.1	103.8					70- 80	166.6	4712	98.8,93.8
90	8.579	0.9390	8.579	0.9390					80- 90	56.45	4769	100,94.9
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		

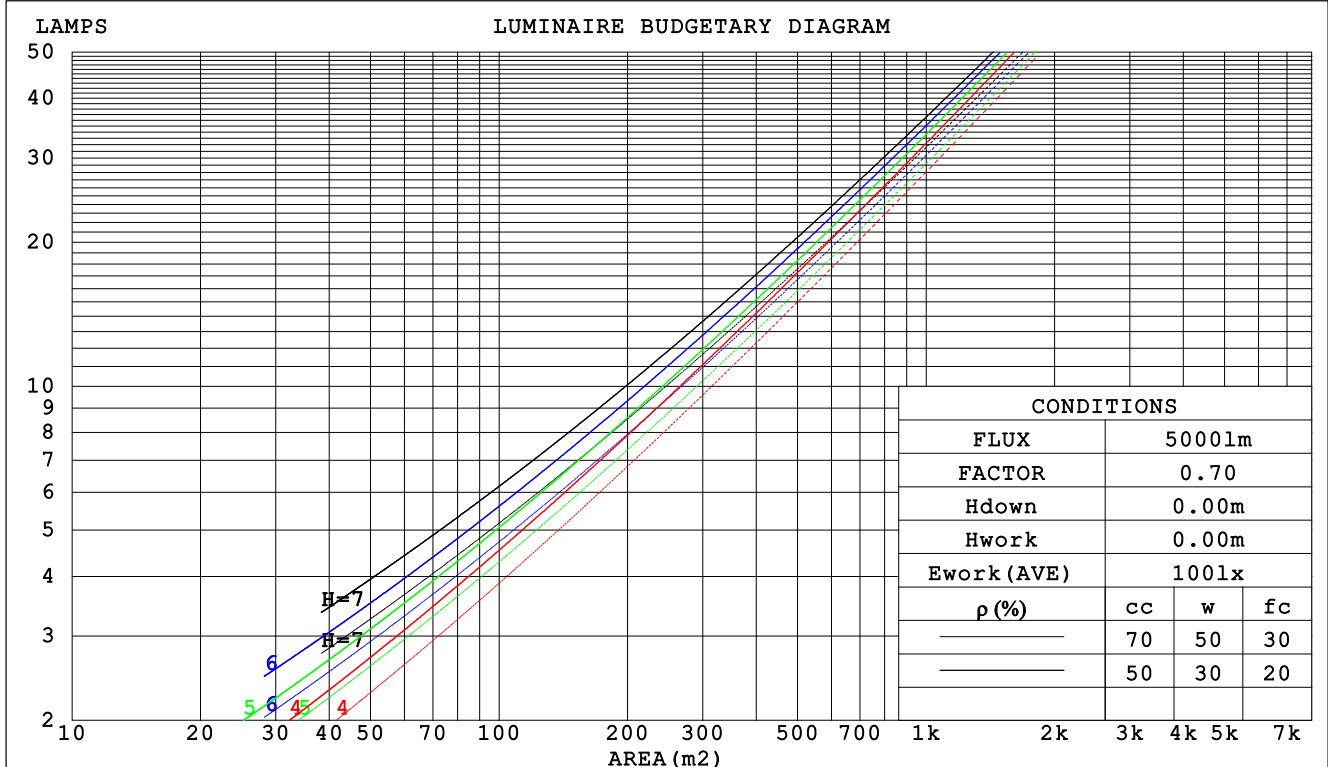
C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-04-11

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.400m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:221.6V I:0.1782A P:38.54W PF:0.9762 Lamp Flux:5024.01x1 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	1.13	1.13	1.13	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.97	.97	.97	.95
1.0	1.01	.98	.95	.99	.96	.93	.95	.93	.90	.92	.90	.88	.88	.87	.85	.83
2.0	.91	.85	.81	.89	.84	.80	.86	.82	.78	.83	.79	.76	.80	.77	.75	.73
3.0	.82	.75	.70	.80	.74	.69	.78	.72	.68	.75	.71	.67	.73	.69	.66	.64
4.0	.74	.67	.61	.73	.66	.61	.70	.65	.60	.68	.63	.59	.66	.62	.59	.57
5.0	.67	.60	.54	.66	.59	.54	.64	.58	.53	.63	.57	.53	.61	.56	.52	.51
6.0	.61	.54	.49	.61	.54	.48	.59	.53	.48	.57	.52	.48	.56	.51	.47	.46
7.0	.56	.49	.44	.56	.49	.44	.54	.48	.43	.53	.47	.43	.52	.47	.43	.41
8.0	.52	.45	.40	.52	.45	.40	.50	.44	.40	.49	.44	.39	.48	.43	.39	.38
9.0	.48	.41	.36	.48	.41	.36	.47	.41	.36	.46	.40	.36	.45	.40	.36	.34
10.0	.45	.38	.34	.44	.38	.34	.44	.38	.33	.43	.37	.33	.42	.37	.33	.32



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:7.400m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:221.6V I:0.1782A P:38.54W PF:0.9762 Lamp Flux:5024.01x1 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	.242	.138	.044	.235	.134	.043	.223	.128	.041	.212	.122	.039	.201	.117	.038		
2.0	.230	.126	.039	.224	.123	.038	.214	.119	.037	.204	.114	.036	.195	.110	.035		
3.0	.216	.115	.034	.211	.113	.034	.201	.109	.033	.193	.106	.032	.185	.102	.032		
4.0	.202	.105	.031	.198	.103	.031	.189	.100	.030	.182	.098	.029	.175	.095	.029		
5.0	.189	.096	.028	.185	.095	.028	.178	.093	.027	.171	.090	.027	.165	.088	.026		
6.0	.177	.089	.025	.174	.088	.025	.168	.086	.025	.162	.084	.025	.156	.082	.024		
7.0	.167	.083	.023	.164	.082	.023	.158	.080	.023	.153	.078	.023	.148	.077	.023		
8.0	.157	.077	.022	.155	.076	.022	.149	.075	.021	.145	.073	.021	.140	.072	.021		
9.0	.149	.072	.020	.146	.071	.020	.142	.070	.020	.137	.069	.020	.133	.068	.020		
10.0	.141	.068	.019	.139	.067	.019	.134	.066	.019	.131	.065	.018	.127	.064	.018		

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	.181	.181	.181	.155	.155	.155	.105	.105	.105	.061	.061	.061	.019	.019	.019	
1.0	.168	.149	.132	.143	.128	.113	.098	.088	.078	.056	.051	.046	.018	.016	.015	
2.0	.157	.125	.099	.135	.108	.085	.092	.075	.060	.053	.043	.035	.017	.014	.011	
3.0	.148	.108	.076	.127	.093	.066	.087	.065	.046	.050	.038	.027	.016	.012	.009	
4.0	.140	.095	.061	.120	.082	.053	.083	.057	.037	.048	.034	.022	.015	.011	.007	
5.0	.133	.085	.049	.114	.073	.043	.079	.051	.030	.046	.030	.018	.015	.010	.006	
6.0	.126	.077	.041	.109	.066	.036	.075	.046	.025	.043	.027	.015	.014	.009	.005	
7.0	.120	.070	.034	.103	.061	.030	.071	.042	.021	.042	.025	.013	.013	.008	.004	
8.0	.115	.064	.030	.099	.056	.026	.068	.039	.018	.040	.023	.011	.013	.008	.004	
9.0	.109	.060	.026	.094	.052	.023	.065	.036	.016	.038	.021	.010	.012	.007	.003	
10.0	.104	.055	.023	.090	.048	.020	.062	.034	.014	.036	.020	.008	.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:7.400m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:221.6V I:0.1782A P:38.54W PF:0.9762 Lamp Flux:5024.01x1 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	21.9	23.2	22.1	23.4	23.6	22.0	23.3	22.3	23.5	23.7
3H	22.6	23.8	22.9	24.1	24.3	22.7	23.9	23.0	24.2	24.4
4H	23.0	24.1	23.3	24.4	24.6	23.1	24.2	23.4	24.4	24.7
6H	23.3	24.4	23.7	24.7	24.9	23.4	24.4	23.7	24.7	25.0
8H	23.5	24.5	23.8	24.8	25.1	23.5	24.5	23.8	24.8	25.1
12H	23.6	24.6	23.9	24.9	25.2	23.6	24.6	23.9	24.8	25.1
4H 2H	22.1	23.3	22.4	23.5	23.8	22.3	23.4	22.6	23.6	23.9
3H	23.1	24.1	23.5	24.4	24.7	23.2	24.2	23.5	24.5	24.8
4H	23.6	24.5	24.0	24.8	25.2	23.6	24.6	24.0	24.9	25.2
6H	24.1	24.9	24.5	25.2	25.6	24.1	24.9	24.5	25.2	25.6
8H	24.3	25.1	24.7	25.4	25.8	24.3	25.0	24.7	25.4	25.8
12H	24.5	25.2	24.9	25.6	26.0	24.4	25.1	24.8	25.5	25.9
8H 4H	23.8	24.5	24.2	24.9	25.3	23.8	24.6	24.2	24.9	25.3
6H	24.4	25.0	24.9	25.4	25.9	24.4	25.0	24.9	25.4	25.9
8H	24.7	25.3	25.2	25.7	26.2	24.7	25.3	25.2	25.7	26.1
12H	25.0	25.5	25.5	25.9	26.4	24.9	25.4	25.4	25.8	26.3
12H 4H	23.8	24.5	24.2	24.9	25.3	23.8	24.5	24.2	24.9	25.3
6H	24.5	25.0	24.9	25.5	25.9	24.5	25.0	24.9	25.5	25.9
8H	24.8	25.3	25.3	25.8	26.2	24.8	25.3	25.3	25.7	26.2
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 / - 0.4				
2.0H	+ 1.0 / - 0.7					+ 1.0 / - 0.7				

CIE Pub.117 Corrected 5024 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.6)

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:7.400m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:221.6V I:0.1782A P:38.54W PF:0.9762 Lamp Flux:5024.01x1 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) $k(RI) \times RCR = 5$									
$k = 0.60$	64	55	49	64	55	49	63	54	49	44
0.80	73	64	59	73	64	59	71	63	58	53
1.00	81	72	66	80	71	66	78	72	66	60
1.25	86	78	73	85	78	73	83	77	72	66
1.50	90	83	78	89	82	77	86	81	76	70
2.00	95	89	84	94	88	83	91	86	82	76
2.50	98	92	88	96	91	87	93	89	85	78
3.00	101	96	91	99	94	90	95	91	88	81
4.00	104	99	96	102	98	95	98	95	92	84
5.00	105	102	99	103	100	97	99	97	94	86
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:7.400m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:221.6V I:0.1782A P:38.54W PF:0.9762 Lamp Flux:5024.01x1 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):

3404 lm

%lum = 71.4%

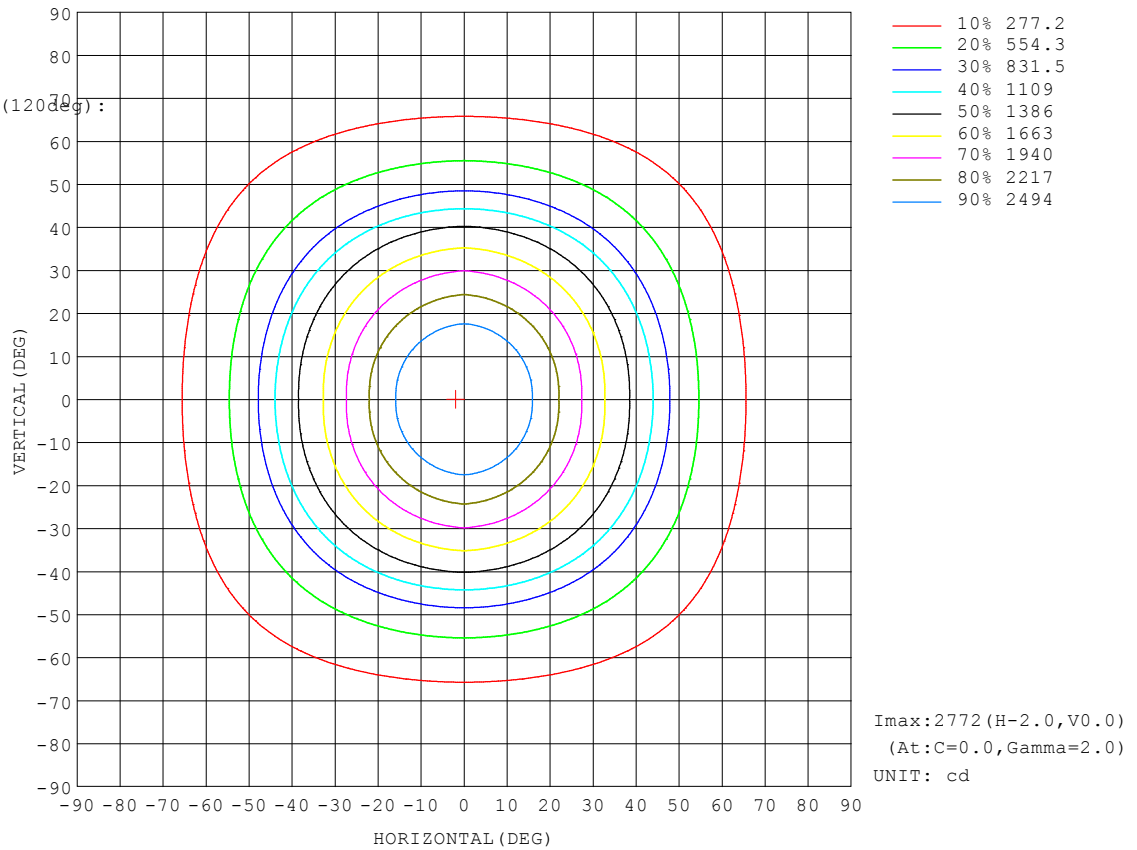
%lamp = 67.8%

Conical surface Flux(120deg):

4255.4 lm

%lum = 89.2%

%lamp = 84.7%

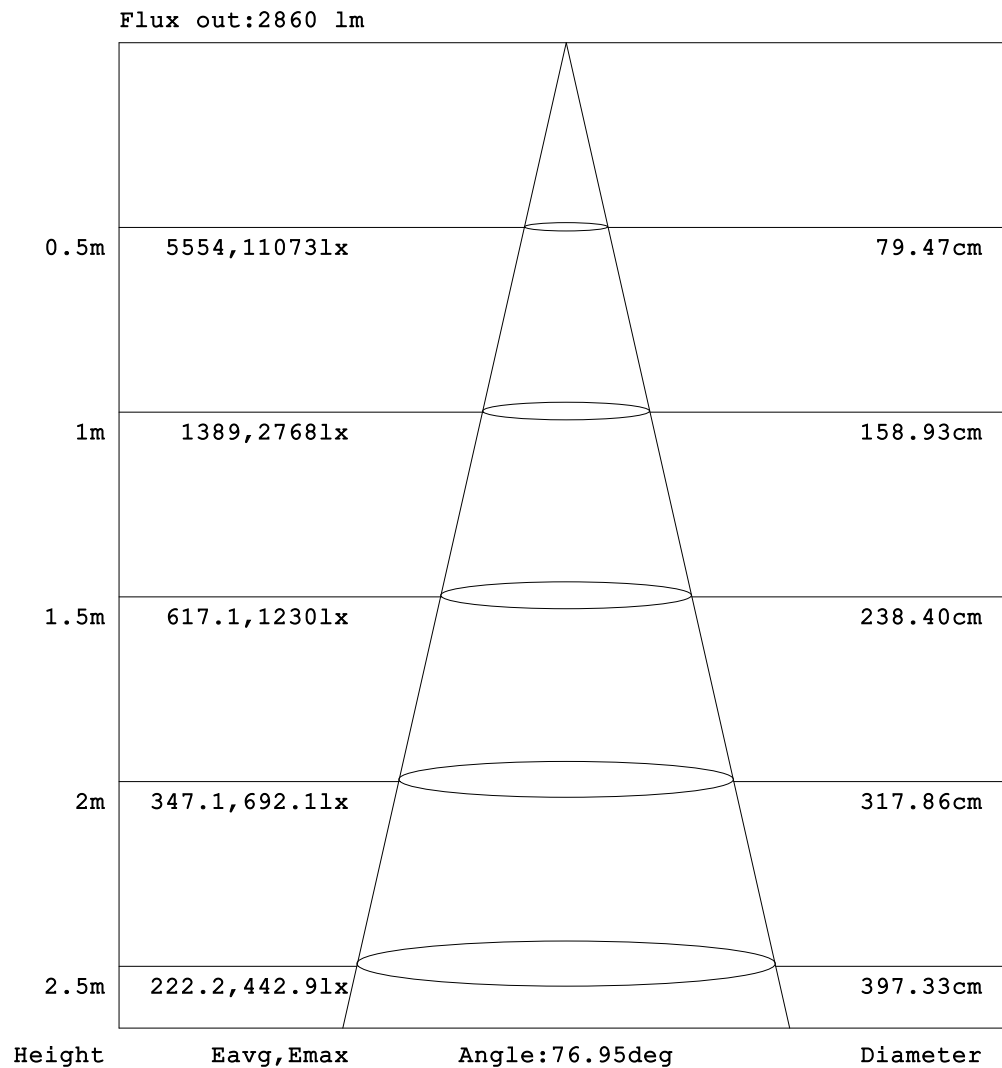


C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-04-11

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.400m [K=1.0000]
Remarks:

AAI Figure

Test:U:221.6V I:0.1782A P:38.54W PF:0.9762 Lamp Flux:5024.01x1 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:



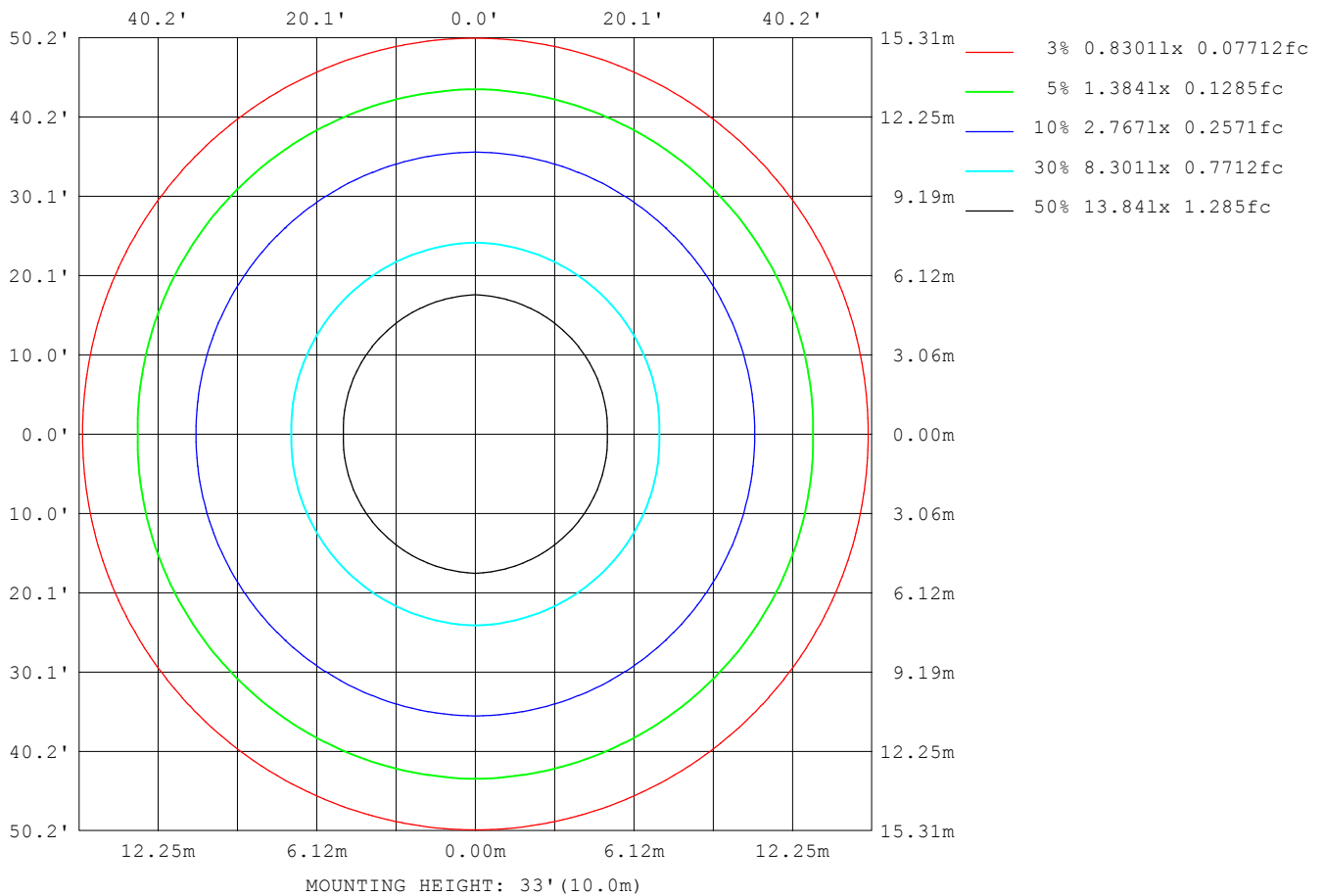
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:7.400m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:221.6V I:0.1782A P:38.54W PF:0.9762 Lamp Flux:5024.01x1 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:7.400m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:221.6V I:0.1782A P:38.54W PF:0.9762 Lamp Flux:5024.01x1 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:

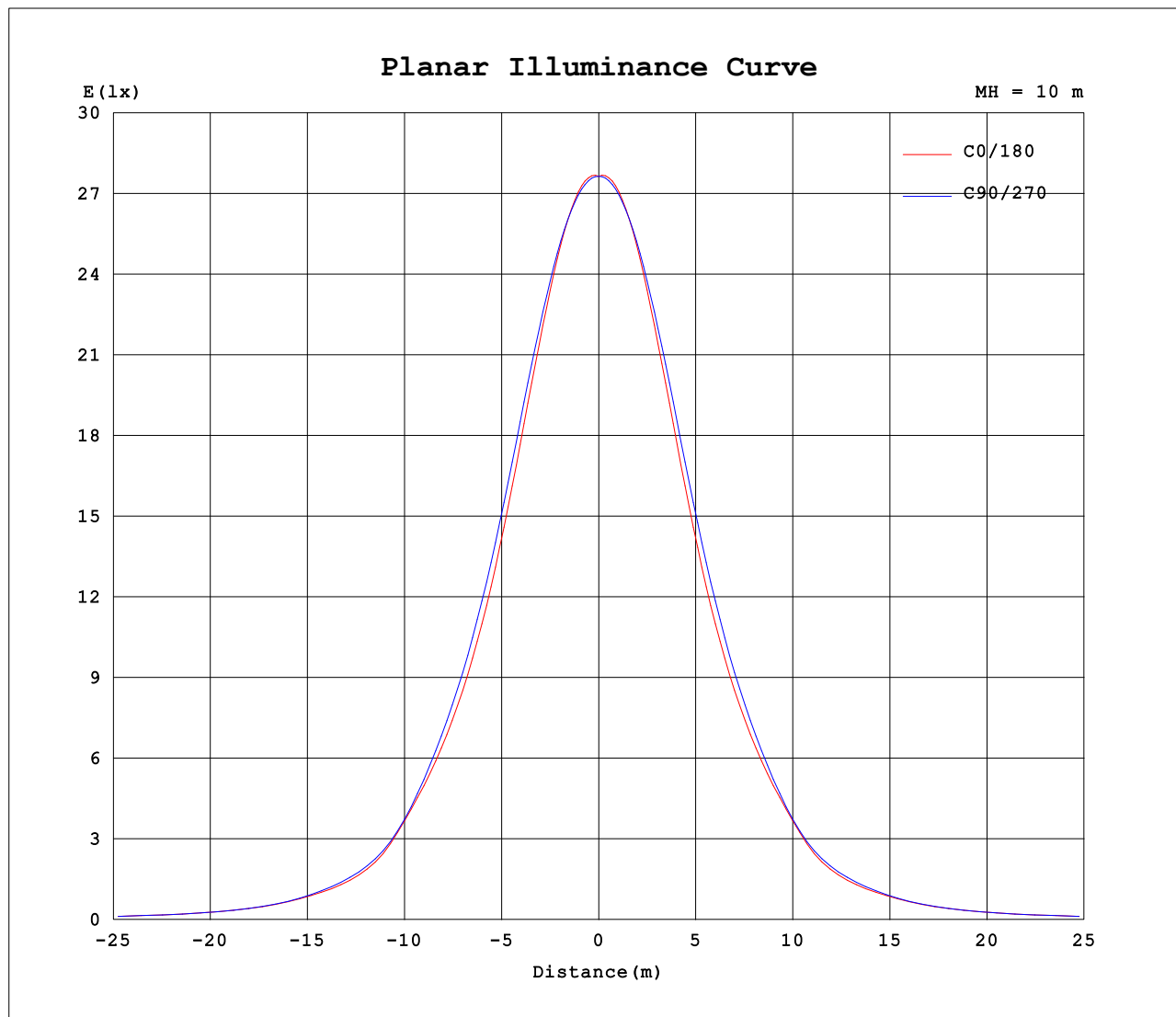
AvgL	cd/m2
L_0~180 (65) av	12486
L_0~180 (75) av	11363
L_0~180 (85) av	12225
L_90~270 (65) av	12649
L_90~270 (75) av	10881
L_90~270 (85) av	9418
L_45 (65) av	12588
L_45 (75) av	11062
L_45 (85) av	10471

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:7.400m [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: 7.400m [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:7.400m [K=1.0000]
Remarks:

```