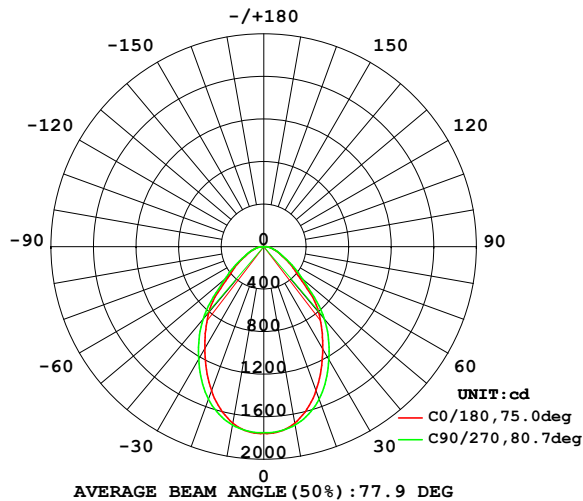


LUMINAIRE PHOTOMETRIC TEST REPORT

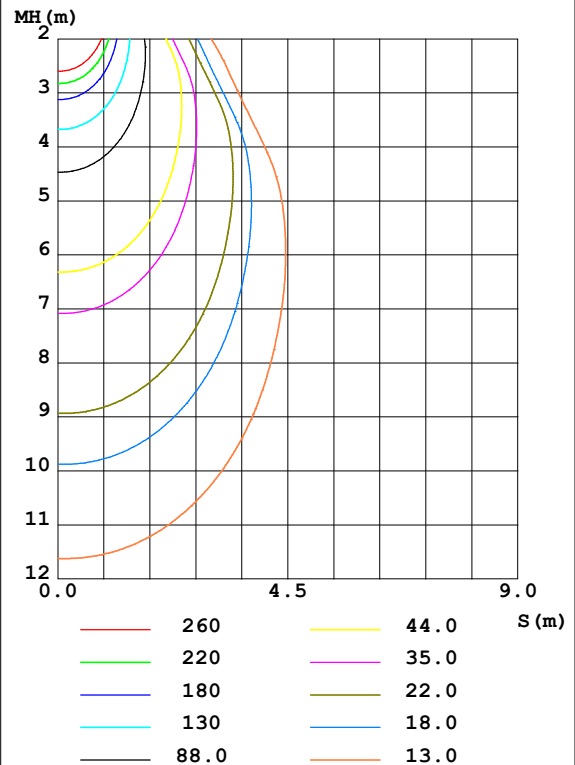
Test:U:221.5V I:0.1123A P:23.67W PF:0.9514 Lamp Flux:2971.56x1 lm		
NAME: 线条灯	TYPE:LED	WEIGHT:
SPEC.:LI-JE1200LM/W-CCT-SL-下发光-小蜂窝	DIM.: 60*75*1200	SERIAL No.:
MFR.: JT	SUR.:0.6*0.75*0.12	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 125.53 lm/W			
MODEL	LSM 32-50CCT-silver	I _{max} (cd)	1757	S/MH(C0/180)	1.00
NOMINAL POWER(W)	24	LOR(%)	100.0	S/MH(C90/270)	1.08
RATED VOLTAGE(V)	220-240	TOTAL FLUX(lm)	2971.6	η UP,DN(C0-180)	0.0,50.0
NOMINAL FLUX(lm)	2971.56	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	220	η 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

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=0.9974]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C90	C180	C270					γ	Φ zone	Φ total	%lum,lamp
10	1685	1702	1685	1702					0- 10	164.7	164.7	5.54,5.54
20	1440	1526	1440	1526					10- 20	450.2	615.0	20.7,20.7
30	1109	1227	1109	1227					20- 30	610.8	1226	41.2,41.2
40	802.5	888.7	802.5	888.7					30- 40	628.9	1855	62.4,62.4
50	423.8	481.7	423.8	481.7					40- 50	494.8	2349	79.1,79.1
60	232.9	251.8	232.9	251.8					50- 60	307.6	2657	89.4,89.4
70	132.5	136.8	132.5	136.8					60- 70	179.4	2836	95.5,95.5
80	62.17	65.26	62.17	65.26					70- 80	102.2	2939	98.9,98.9
90	1.241	0.3190	1.241	0.3190					80- 90	32.90	2972	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		

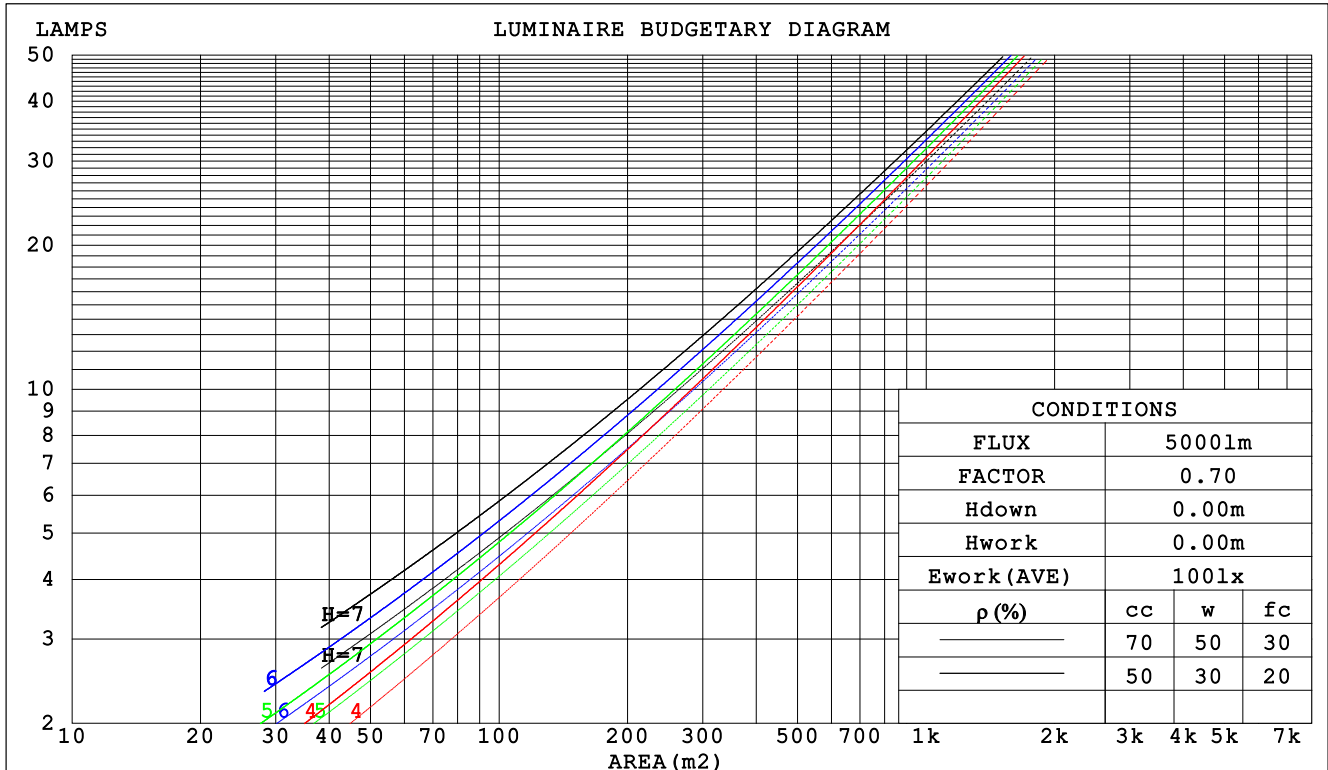
C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-04-11

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=0.9974]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:221.5V I:0.1123A P:23.67W PF:0.9514 Lamp Flux:2971.56x1 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	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	.00
1.0	1.07	1.03	1.00	1.05	1.01	.99	1.00	.98	.95	.97	.94	.93	.93	.91	.90	.88
2.0	.96	.90	.85	.94	.89	.84	.90	.86	.82	.87	.84	.81	.84	.81	.79	.77
3.0	.86	.79	.74	.85	.78	.73	.82	.76	.72	.79	.75	.71	.77	.73	.70	.68
4.0	.78	.70	.65	.77	.70	.64	.74	.68	.63	.72	.67	.63	.70	.66	.62	.60
5.0	.71	.63	.57	.70	.63	.57	.68	.62	.57	.66	.60	.56	.64	.59	.55	.54
6.0	.65	.57	.51	.64	.57	.51	.62	.56	.51	.61	.55	.50	.59	.54	.50	.48
7.0	.60	.52	.46	.59	.52	.46	.57	.51	.46	.56	.50	.46	.55	.50	.45	.44
8.0	.55	.47	.42	.54	.47	.42	.53	.47	.42	.52	.46	.42	.51	.46	.41	.40
9.0	.51	.44	.39	.51	.43	.39	.49	.43	.38	.48	.43	.38	.47	.42	.38	.36
10.0	.48	.40	.36	.47	.40	.36	.46	.40	.35	.45	.39	.35	.44	.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:7.560m [K=0.9974]
Remarks:

WEC AND CCEC

Test:U:221.5V I:0.1123A P:23.67W PF:0.9514 Lamp Flux:2971.56x1 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	.253	.144	.046	.246	.141	.045	.233	.134	.043	.222	.128	.041	.211	.122	.039		
2.0	.241	.132	.041	.235	.129	.040	.224	.124	.039	.213	.120	.037	.204	.115	.036		
3.0	.226	.120	.036	.221	.118	.036	.211	.114	.035	.202	.111	.034	.194	.107	.033		
4.0	.212	.110	.032	.207	.108	.032	.199	.105	.031	.191	.102	.031	.183	.100	.030		
5.0	.198	.101	.029	.194	.100	.029	.187	.097	.029	.180	.095	.028	.173	.092	.028		
6.0	.186	.093	.027	.183	.092	.027	.176	.090	.026	.170	.088	.026	.164	.086	.026		
7.0	.175	.087	.025	.172	.086	.024	.166	.084	.024	.160	.082	.024	.155	.081	.024		
8.0	.165	.081	.023	.162	.080	.023	.157	.078	.022	.152	.077	.022	.147	.076	.022		
9.0	.156	.076	.021	.154	.075	.021	.149	.074	.021	.144	.072	.021	.140	.071	.021		
10.0	.148	.071	.020	.146	.070	.020	.141	.069	.019	.137	.068	.019	.133	.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	.165	.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	.038	.079	.049	.027	.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=0.9974]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:221.5V I:0.1123A P:23.67W PF:0.9514 Lamp Flux:2971.56x1 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	20.1	21.4	20.3	21.6	21.8	20.5	21.8	20.7	21.9	22.1	
	3H	20.8	22.0	21.1	22.2	22.5	21.2	22.4	21.5	22.6	22.8
	4H	21.2	22.3	21.5	22.6	22.8	21.5	22.6	21.8	22.9	23.1
	6H	21.5	22.6	21.8	22.8	23.1	21.8	22.9	22.1	23.1	23.4
	8H	21.6	22.7	22.0	22.9	23.2	21.9	23.0	22.3	23.2	23.5
	12H	21.7	22.7	22.1	23.0	23.3	22.0	23.0	22.3	23.3	23.6
4H	2H	20.4	21.5	20.7	21.7	22.0	20.7	21.8	21.0	22.0	22.3
	3H	21.3	22.3	21.7	22.6	22.9	21.6	22.6	21.9	22.9	23.2
	4H	21.8	22.7	22.2	23.0	23.3	22.1	23.0	22.4	23.3	23.6
	6H	22.3	23.1	22.7	23.4	23.8	22.5	23.3	22.9	23.6	24.0
	8H	22.5	23.2	22.9	23.6	23.9	22.7	23.4	23.1	23.8	24.2
	12H	22.6	23.3	23.0	23.7	24.1	22.8	23.5	23.3	23.9	24.3
8H	4H	22.0	22.7	22.4	23.1	23.5	22.2	23.0	22.6	23.3	23.7
	6H	22.6	23.2	23.0	23.6	24.0	22.8	23.4	23.3	23.8	24.3
	8H	22.9	23.4	23.3	23.8	24.3	23.1	23.6	23.6	24.1	24.5
	12H	23.1	23.6	23.6	24.0	24.5	23.3	23.8	23.8	24.2	24.7
12H	4H	22.0	22.7	22.4	23.0	23.4	22.2	22.9	22.6	23.3	23.7
	6H	22.7	23.2	23.1	23.6	24.1	22.9	23.4	23.3	23.8	24.3
	8H	23.0	23.4	23.5	23.9	24.4	23.2	23.7	23.7	24.1	24.6
Variations with the observer position at spacings:											
S = 1.0H	+ 0.5 / - 0.6					+ 0.5 / - 0.6					
1.5H	+ 0.3 / - 0.5					+ 0.4 / - 0.3					
2.0H	+ 1.0 / - 0.7					+ 1.0 / - 0.7					

CIE Pub.117 Corrected 2972 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.8)

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=0.9974]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:221.5V I:0.1123A P:23.67W PF:0.9514 Lamp Flux:2971.56x1 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	58	52	47
0.80	78	68	62	77	68	62	75	67	62	56
1.00	85	76	70	84	76	70	82	76	69	64
1.25	91	83	77	90	82	77	88	81	76	70
1.50	95	88	82	94	87	82	91	85	81	74
2.00	101	94	89	99	93	88	96	91	87	80
2.50	104	97	93	102	96	92	98	94	90	83
3.00	106	101	96	104	99	95	100	96	93	86
4.00	109	105	101	107	103	100	103	100	97	89
5.00	111	107	104	109	105	103	105	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=0.9974]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:221.5V I:0.1123A P:23.67W PF:0.9514 Lamp Flux:2971.56x1 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):

2132.1 lm

%lum = 71.8%

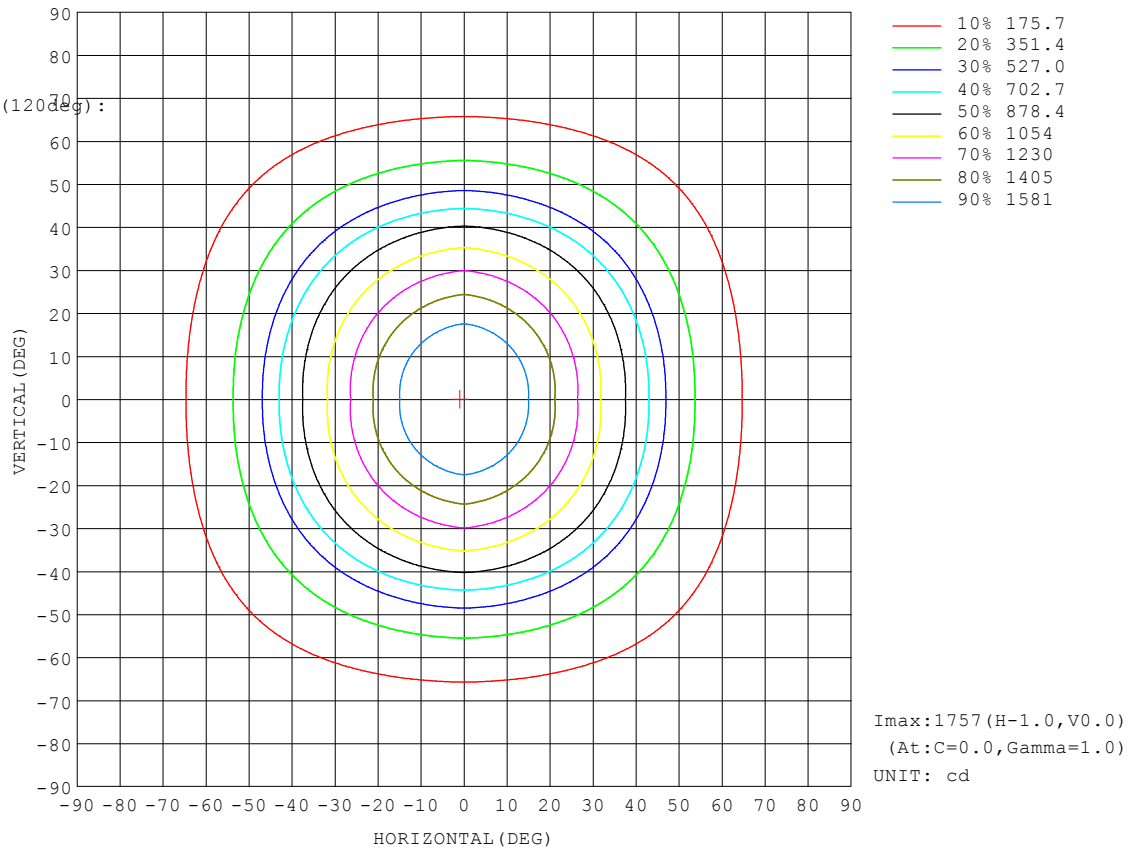
%lamp = 71.8%

Conical surface Flux(120deg):

2657.1 lm

%lum = 89.4%

%lamp = 89.4%

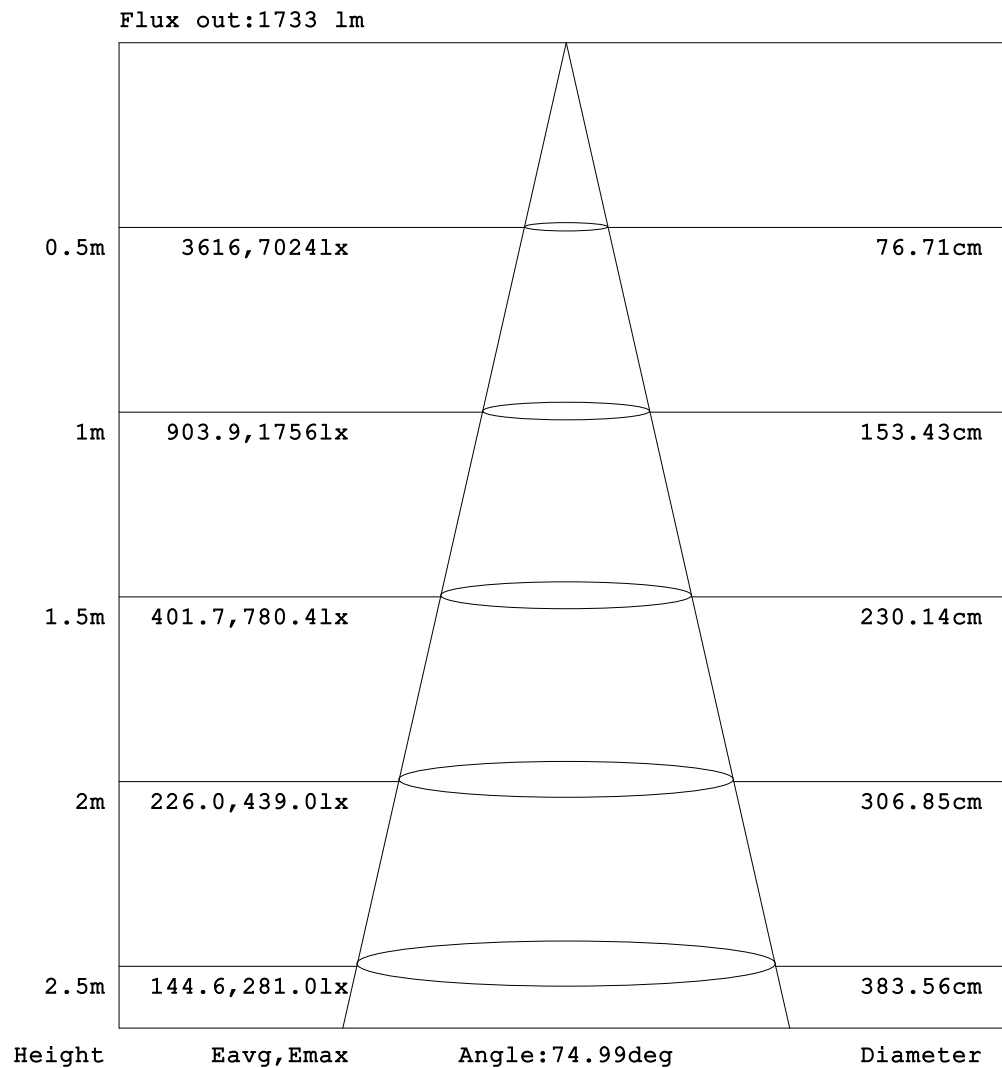


C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-04-11

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=0.9974]
Remarks:

AAI Figure

Test:U:221.5V I:0.1123A P:23.67W PF:0.9514 Lamp Flux:2971.56x1 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:



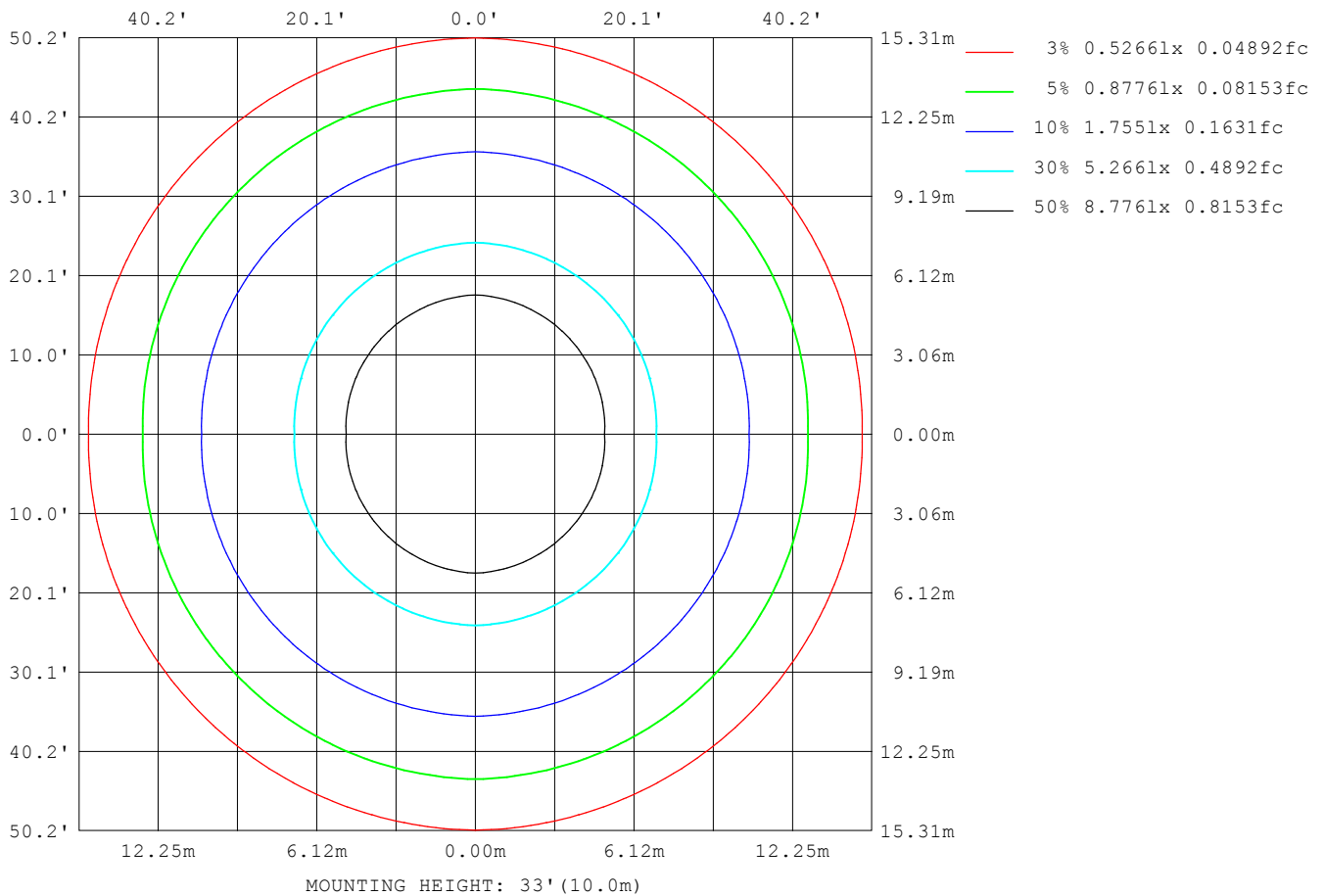
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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=0.9974]
 Remarks:

ISOLUX DIAGRAM

Test:U:221.5V I:0.1123A P:23.67W PF:0.9514 Lamp Flux:2971.56x1 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:7.560m [K=0.9974]
Remarks:

LED Avg.L Report

Test:U:221.5V I:0.1123A P:23.67W PF:0.9514 Lamp Flux:2971.56x1 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:

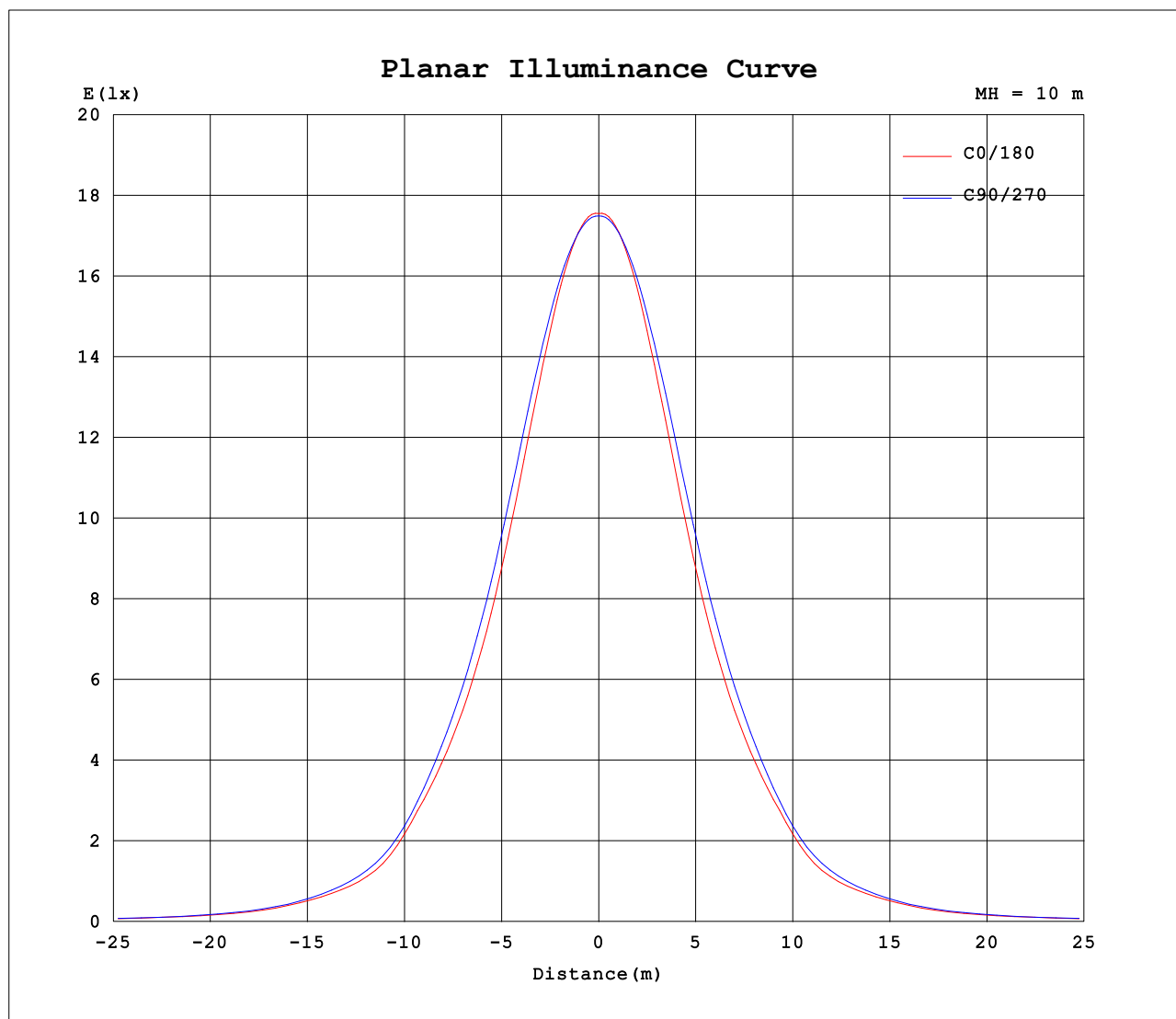
AvgL	cd/m2
L_0~180 (65) av	7573
L_0~180 (75) av	6738
L_0~180 (85) av	6474
L_90~270 (65) av	8009
L_90~270 (75) av	6898
L_90~270 (85) av	6082
L_45 (65) av	7845
L_45 (75) av	6838
L_45 (85) av	6229

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=0.9974]
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: 7.560m [K=0.9974]
Remarks:

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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=0.9974]
Remarks:

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