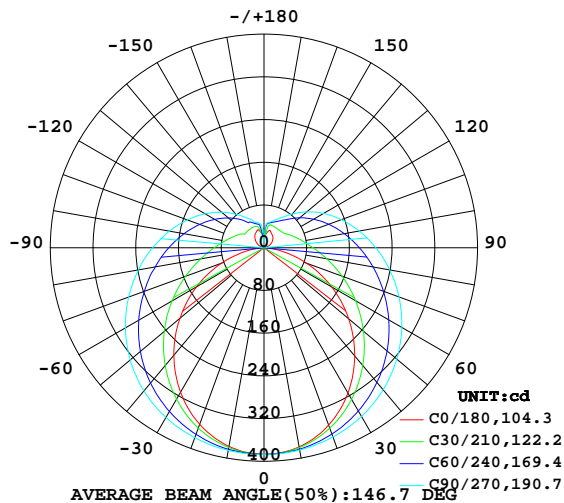


LUMINAIRE PHOTOMETRIC TEST REPORT

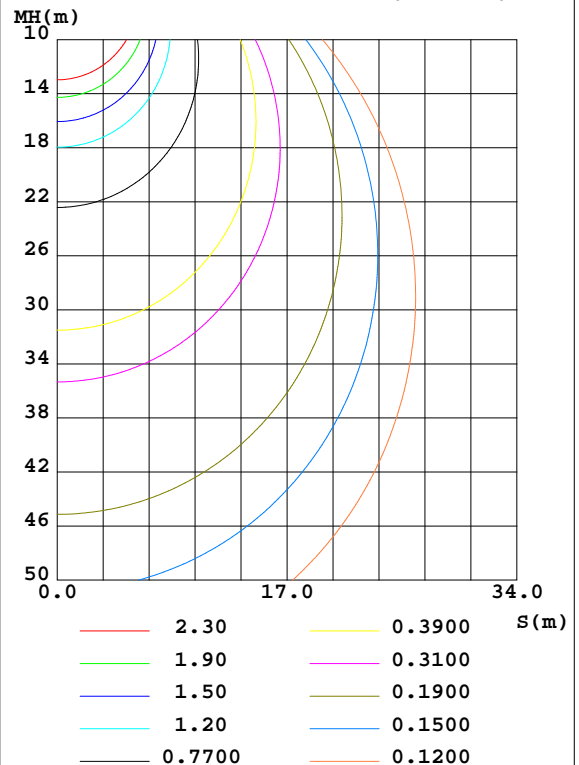
Test:U:120.0V I:0.2447A P:25.64W PF:0.8731 Freq:60.00Hz Lamp Flux:1984.88x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 77.41 lm/W			
MODEL	C06018301A	Imax(cd)	387.3	S/MH(C0/180)	1.21
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.43
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1984.9	η UP,DN(C0-180)	12.4,37.6
NOMINAL FLUX(lm)	1984.88	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	12.3,37.7
LAMPS INSIDE	1	η up(%)	24.7	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down(%)	75.3	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24.7DEG
Operators:Alan Wang
Test Date:26 December 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity:41.3%
Test Distance:2.500m [K=1.0250]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	378.6	381.3	384.6	381.0	377.7	381.5	385.3	382.0	0- 10	36.68	36.68	1.85,1.85
20	353.6	365.7	377.2	364.1	352.0	365.7	378.5	366.8	10- 20	105.9	142.6	7.18,7.18
30	314.3	340.6	364.8	338.4	312.5	341.1	366.9	341.8	20- 30	163.3	305.8	15.4,15.4
40	264.4	309.2	347.3	306.2	262.5	310.1	349.9	309.9	30- 40	203.3	509.1	25.6,25.6
50	207.1	273.8	324.6	270.5	205.6	274.8	327.1	273.8	40- 50	223.4	732.5	36.9,36.9
60	146.6	236.9	298.0	233.6	145.4	237.7	299.6	235.9	50- 60	223.7	956.2	48.2,48.2
70	85.10	201.3	269.0	198.0	84.72	201.7	269.7	199.1	60- 70	207.6	1164	58.6,58.6
80	29.09	168.9	239.0	165.8	29.23	169.1	238.9	165.7	70- 80	180.7	1344	67.7,67.7
90	0.1683	141.1	209.5	138.3	0.2189	141.2	208.5	137.6	80- 90	150.6	1495	75.3,75.3
100	2.449	118.1	181.3	115.6	2.528	117.9	179.9	114.6	90-100	125.0	1620	81.6,81.6
110	7.750	98.78	154.2	96.97	7.638	98.67	152.8	95.59	100-110	102.4	1722	86.8,86.8
120	15.07	81.87	128.8	80.68	13.70	81.92	127.4	79.57	110-120	81.65	1804	90.9,90.9
130	21.01	67.51	104.7	67.08	20.38	67.17	103.7	65.89	120-130	63.00	1867	94.1,94.1
140	26.07	56.96	82.76	56.87	26.82	53.39	82.14	55.88	130-140	46.72	1914	96.4,96.4
150	29.66	51.15	65.47	51.20	31.56	49.21	64.76	51.19	140-150	33.15	1947	98.1,98.1
160	34.19	47.68	54.53	48.11	35.58	45.63	50.73	48.94	150-160	22.30	1969	99.2,99.2
170	27.35	45.48	47.74	34.95	27.65	32.27	46.00	46.19	160-170	12.44	1982	99.8,99.8
180	37.74	25.14	1.888	27.75	35.03	31.23	13.95	20.24	170-180	3.128	1985	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 619.57 lm

%lum = 31.2%

%lamp = 31.2%

Conical surface Flux(120deg): 956.15 lm

%lum = 48.2%

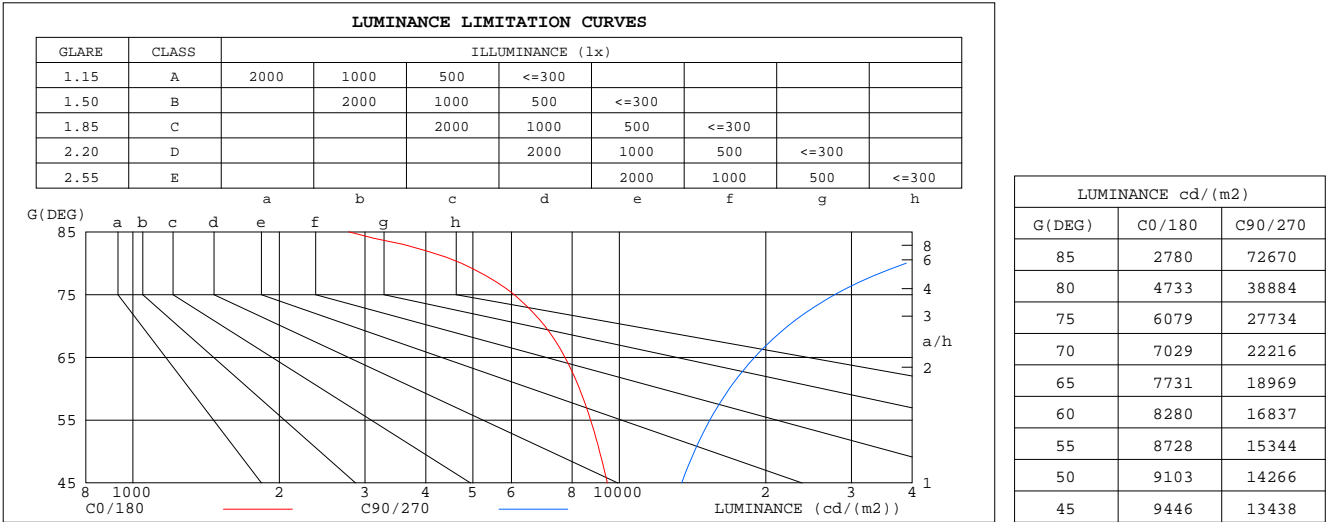
%lamp = 48.2%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24.7DEG
Operators:Alan Wang
Test Date:26 December 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity:41.3%
Test Distance:2.500m [K=1.0250]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.2447A P:25.64W PF:0.8731 Freq:60.00Hz Lamp Flux:1984.88x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:



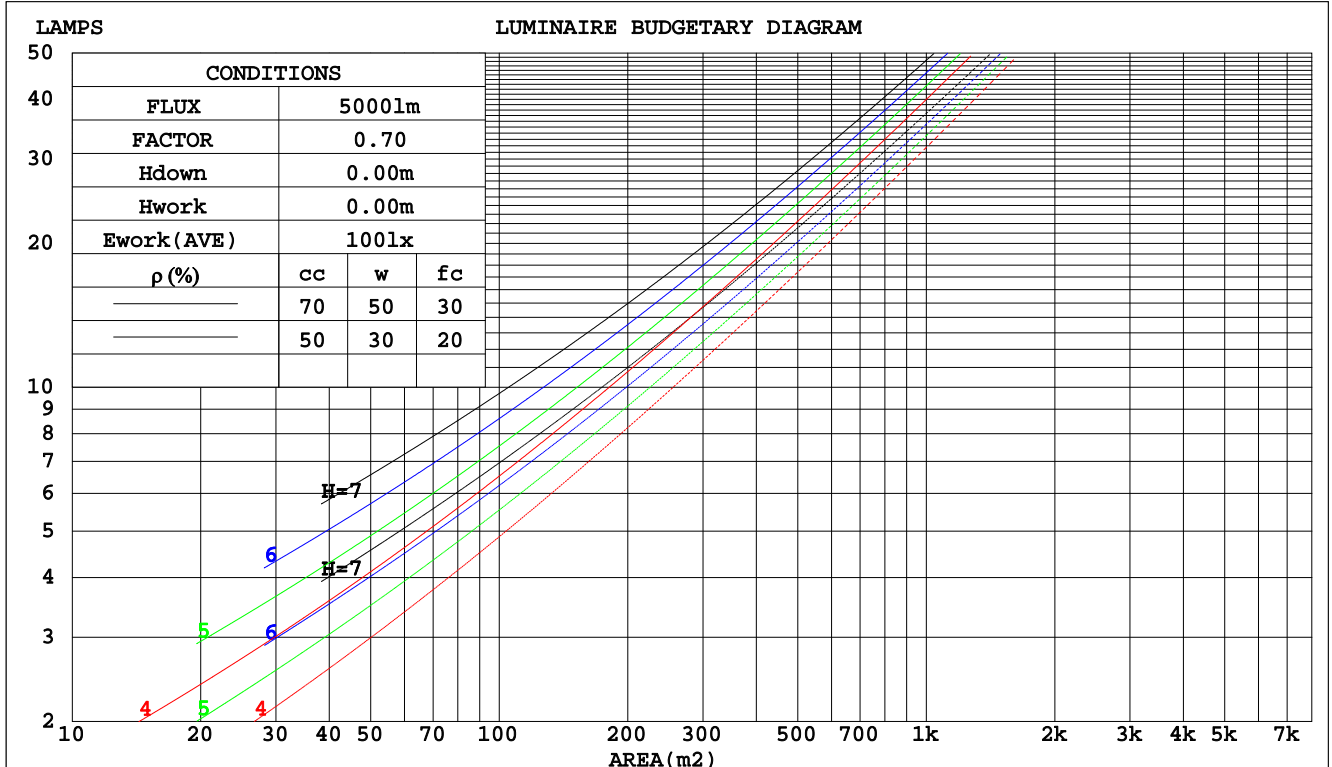
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24.7DEG
Operators:Alan Wang
Test Date:26 December 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity:41.3%
Test Distance:2.500m [K=1.0250]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.2447A P:25.64W PF:0.8731 Freq:60.00Hz Lamp Flux:1984.88x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	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															
	Coefficients of Utilization(CU)															
0.0	1.13	1.13	1.13	1.08	1.08	1.08	.97	.97	.97	.88	.88	.88	.79	.79	.79	.75
1.0	.94	.89	.84	.89	.85	.80	.80	.77	.73	.72	.69	.67	.65	.62	.60	.56
2.0	.80	.73	.66	.76	.69	.63	.69	.63	.58	.62	.57	.53	.55	.52	.48	.45
3.0	.70	.61	.54	.66	.58	.52	.60	.53	.48	.54	.48	.44	.48	.44	.40	.36
4.0	.61	.52	.45	.58	.50	.43	.53	.45	.40	.47	.41	.37	.42	.38	.34	.30
5.0	.54	.45	.38	.52	.43	.37	.47	.39	.34	.42	.36	.31	.38	.33	.29	.26
6.0	.49	.39	.33	.46	.38	.32	.42	.35	.29	.38	.32	.27	.34	.29	.25	.22
7.0	.44	.35	.29	.42	.33	.28	.38	.31	.26	.34	.28	.24	.31	.26	.22	.20
8.0	.40	.31	.25	.38	.30	.24	.35	.28	.23	.31	.25	.21	.28	.23	.20	.17
9.0	.36	.28	.22	.35	.27	.22	.32	.25	.20	.29	.23	.19	.26	.21	.18	.15
10.0	.33	.25	.20	.32	.25	.19	.29	.23	.18	.27	.21	.17	.24	.19	.16	.14



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 24.7DEG
Operators: Alan Wang
Test Date: 26 December 2024

```

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity:41.3%
Test Distance:2.500m [K=1.0250]
Remarks:

```

WEC AND CCEC

Test:U:120.0V I:0.2447A P:25.64W PF:0.8731 Freq:60.00Hz Lamp Flux:1984.88x1 lm								
NAME:			TYPE:LED			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: ETi Solid State Lighting, Inc			SUR.:			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	.384	.218	.069	.369	.211	.067	.342	.196	.063	.317	.183	.059	.293	.170	.055	
2.0	.331	.181	.056	.318	.175	.054	.293	.163	.051	.270	.151	.047	.248	.140	.044	
3.0	.293	.156	.047	.281	.151	.045	.259	.140	.043	.238	.130	.040	.218	.121	.037	
4.0	.264	.137	.040	.253	.132	.039	.232	.123	.037	.213	.114	.035	.195	.106	.032	
5.0	.240	.122	.035	.230	.118	.034	.211	.110	.032	.193	.102	.030	.177	.095	.028	
6.0	.220	.110	.032	.211	.106	.031	.193	.099	.029	.177	.092	.027	.162	.085	.025	
7.0	.203	.100	.028	.194	.097	.028	.178	.090	.026	.163	.084	.024	.150	.078	.023	
8.0	.188	.092	.026	.180	.089	.025	.166	.083	.024	.152	.077	.022	.139	.071	.021	
9.0	.175	.085	.024	.168	.082	.023	.154	.076	.022	.142	.071	.020	.130	.066	.019	
10.0	.164	.079	.022	.157	.076	.021	.145	.071	.020	.133	.066	.019	.122	.061	.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	.378	.378	.378	.323	.323	.323	.221	.221	.221	.127	.127	.127	.041	.041	.041	
1.0	.375	.345	.318	.321	.296	.274	.219	.204	.189	.126	.118	.110	.040	.038	.036	
2.0	.368	.323	.284	.315	.278	.246	.216	.192	.171	.125	.112	.100	.040	.036	.033	
3.0	.361	.306	.263	.309	.264	.228	.212	.184	.160	.123	.107	.094	.039	.035	.031	
4.0	.353	.294	.249	.303	.254	.216	.208	.177	.152	.121	.104	.090	.039	.034	.030	
5.0	.346	.284	.239	.297	.246	.208	.204	.172	.147	.118	.101	.087	.038	.033	.029	
6.0	.338	.277	.232	.291	.239	.202	.201	.168	.143	.116	.099	.085	.038	.032	.028	
7.0	.331	.270	.227	.285	.234	.198	.197	.164	.140	.114	.097	.083	.037	.032	.028	
8.0	.325	.265	.223	.279	.229	.195	.193	.161	.138	.112	.095	.082	.036	.031	.027	
9.0	.318	.260	.220	.274	.226	.192	.190	.159	.136	.111	.094	.081	.036	.031	.027	
10.0	.313	.256	.218	.270	.222	.190	.187	.156	.135	.109	.092	.081	.035	.030	.027	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:24.7DEG
 Operators:Alan Wang
 Test Date:26 December 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity:41.3%
 Test Distance:2.500m [K=1.0250]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.2447A P:25.64W PF:0.8731 Freq:60.00Hz Lamp Flux:1984.88x1 lm										
NAME:					TYPE:LED			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: ETi Solid State Lighting, Inc					SUR.:			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	18.4	19.7	19.0	20.3	21.0	21.4	22.7	22.0	23.3	24.0
3H	19.8	21.0	20.4	21.6	22.3	24.2	25.4	24.8	26.0	26.7
4H	20.3	21.4	20.9	22.1	22.8	25.8	26.9	26.4	27.5	28.3
6H	20.6	21.7	21.3	22.4	23.1	27.5	28.6	28.2	29.2	30.0
8H	20.7	21.7	21.4	22.4	23.2	28.5	29.5	29.1	30.2	31.0
12H	20.7	21.7	21.4	22.4	23.2	29.6	30.6	30.3	31.2	32.0
4H 2H	19.8	20.9	20.5	21.6	22.3	21.9	23.0	22.5	23.7	24.4
3H	21.5	22.5	22.2	23.2	24.0	25.0	26.0	25.6	26.6	27.4
4H	22.2	23.1	22.9	23.9	24.7	26.7	27.6	27.4	28.4	29.2
6H	22.8	23.6	23.5	24.3	25.2	28.7	29.5	29.4	30.3	31.1
8H	23.0	23.7	23.7	24.4	25.3	29.8	30.6	30.6	31.3	32.2
12H	23.0	23.7	23.8	24.5	25.4	31.1	31.8	31.8	32.5	33.4
8H 4H	23.6	24.4	24.4	25.1	26.0	27.1	27.8	27.8	28.6	29.4
6H	24.7	25.3	25.4	26.1	27.0	29.4	30.0	30.1	30.8	31.7
8H	25.1	25.7	25.9	26.4	27.4	30.7	31.3	31.5	32.0	33.0
12H	25.4	25.9	26.2	26.7	27.7	32.2	32.7	33.0	33.5	34.5
12H 4H	24.1	24.8	24.8	25.6	26.5	27.1	27.8	27.8	28.5	29.4
6H	25.4	26.0	26.2	26.8	27.7	29.5	30.0	30.3	30.8	31.8
8H	26.1	26.6	26.9	27.4	28.3	30.9	31.4	31.7	32.2	33.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.2					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.4					+ 0.3 / - 0.4				

CIE Pub.117, 1985 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 2.4$)
Area: 0.0354 m²

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24.7DEG
Operators:Alan Wang
Test Date:26 December 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity:41.3%
Test Distance:2.500m [K=1.0250]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.2447A P:25.64W PF:0.8731 Freq:60.00Hz Lamp Flux:1984.88x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:

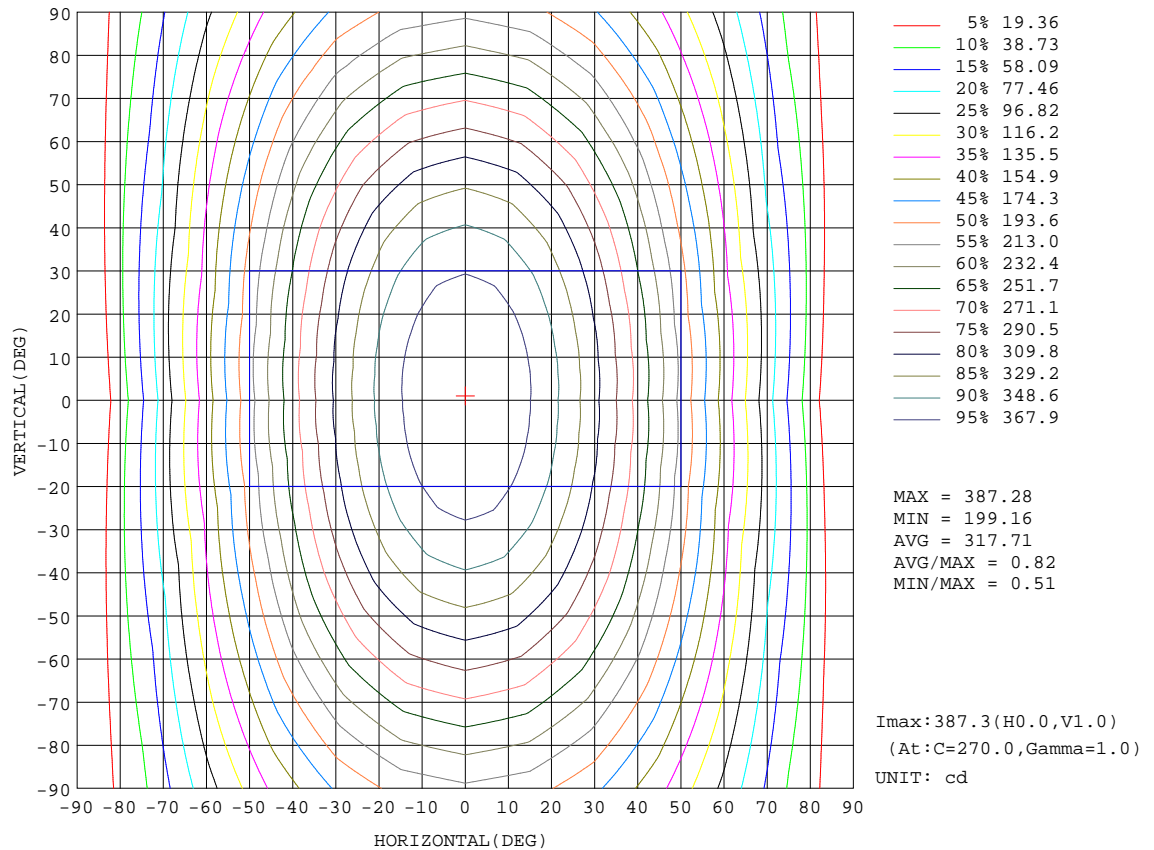
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	46	33	26	45	33	26	42	32	25	19
0.80	55	42	34	53	41	33	50	39	32	24
1.00	62	49	41	60	48	40	56	48	39	29
1.25	69	57	48	67	55	47	62	52	45	34
1.50	74	62	53	71	60	52	66	56	49	38
2.00	82	71	62	78	68	60	72	63	57	44
2.50	86	76	68	82	73	66	75	68	62	47
3.00	90	81	73	86	77	71	78	71	66	51
4.00	95	87	80	90	83	77	82	76	71	55
5.00	98	91	85	93	87	81	85	80	75	58
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.7DEG
 Operators: Alan Wang
 Test Date: 26 December 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 41.3%
 Test Distance: 2.500m [K=1.0250]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.2447A P:25.64W PF:0.8731 Freq:60.00Hz Lamp Flux:1984.88x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:



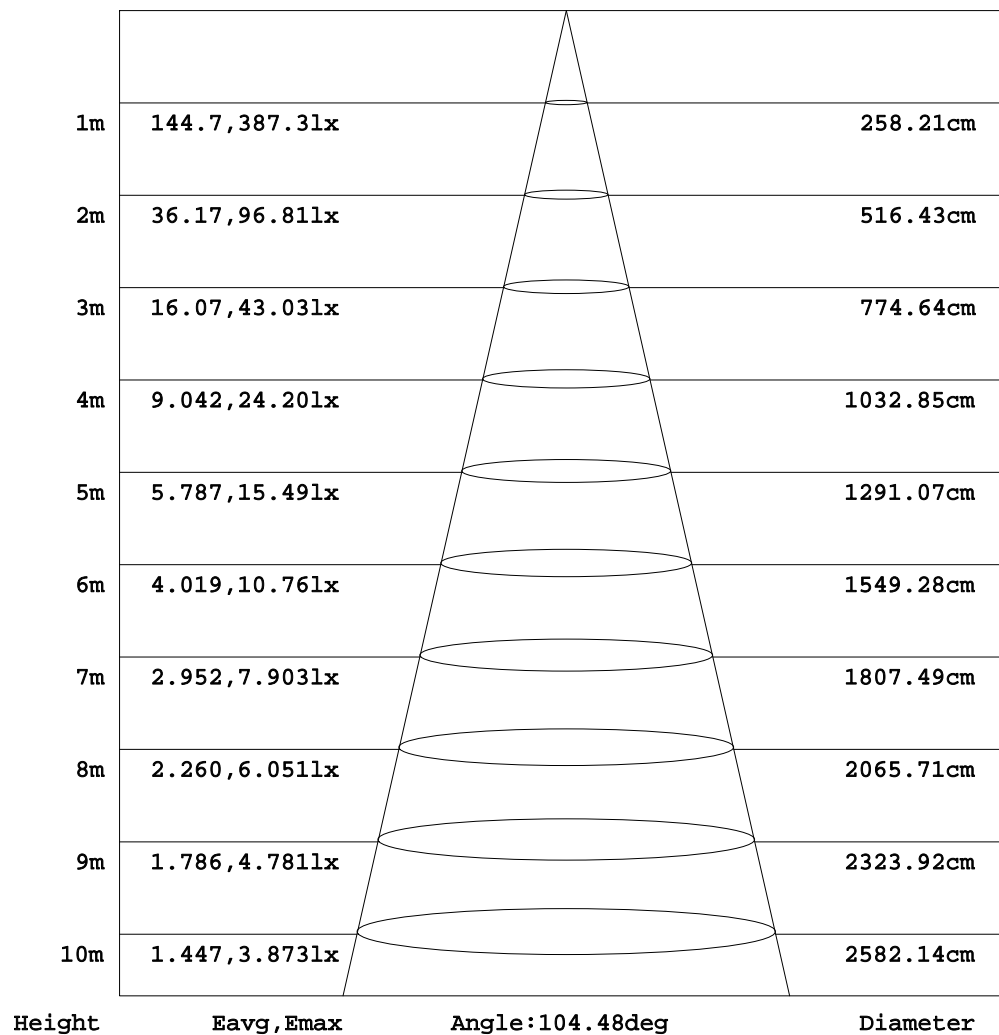
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.7DEG
 Operators: Alan Wang
 Test Date: 26 December 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 41.3%
 Test Distance: 2.500m [K=1.0250]
 Remarks:

AAI Figure

Test:U:120.0V I:0.2447A P:25.64W PF:0.8731 Freq:60.00Hz Lamp Flux:1984.88x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:

Flux out:800.4 lm



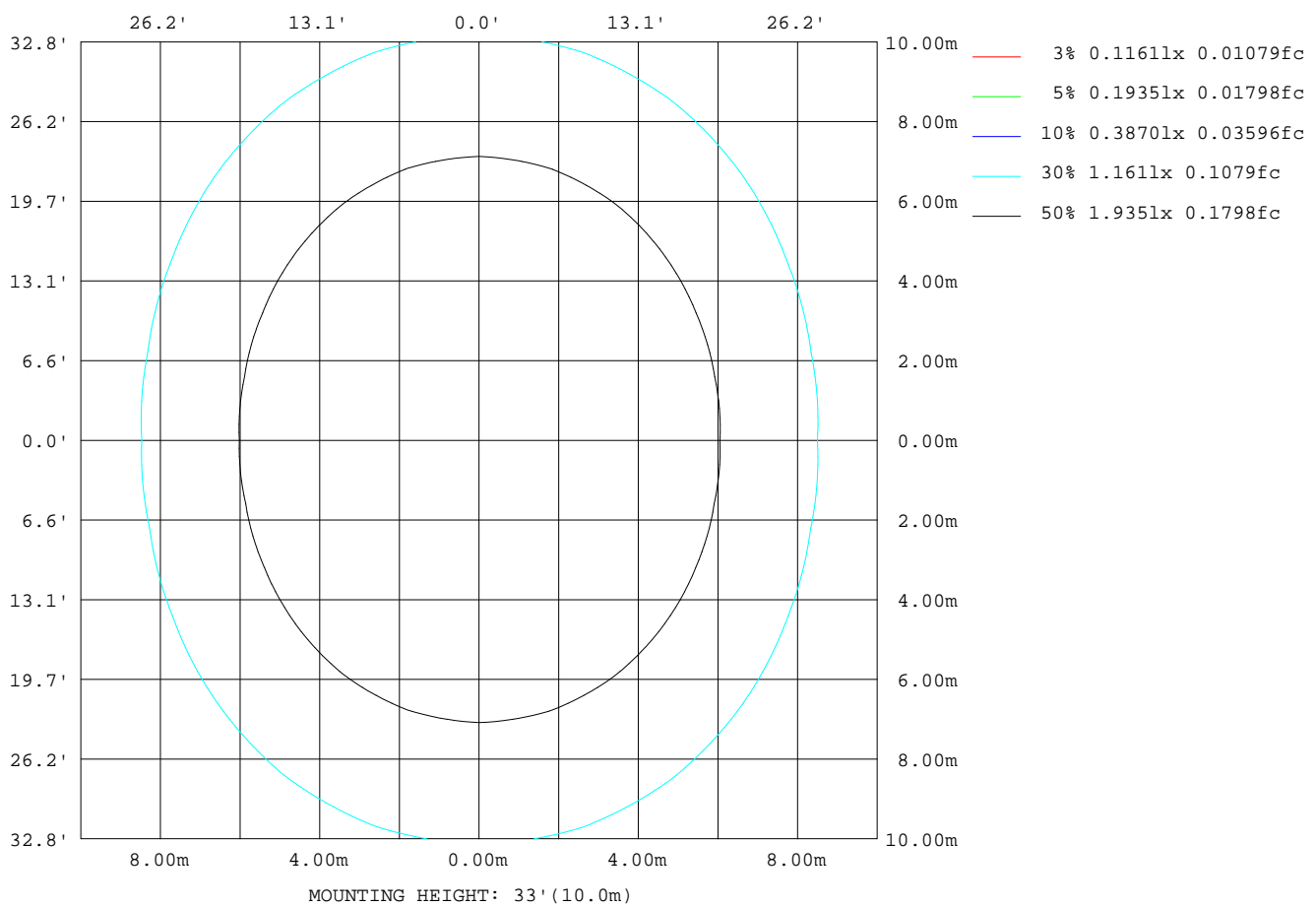
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.7DEG
 Operators: Alan Wang
 Test Date: 26 December 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 41.3%
 Test Distance: 2.500m [K=1.0250]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.0V I:0.2447A P:25.64W PF:0.8731 Freq:60.00Hz Lamp Flux:1984.88x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.7DEG
 Operators: Alan Wang
 Test Date: 26 December 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 41.3%
 Test Distance: 2.500m [K=1.0250]
 Remarks:

LED Avg.L Report

Test:U:120.0V I:0.2447A P:25.64W PF:0.8731 Freq:60.00Hz Lamp Flux:1984.88x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:

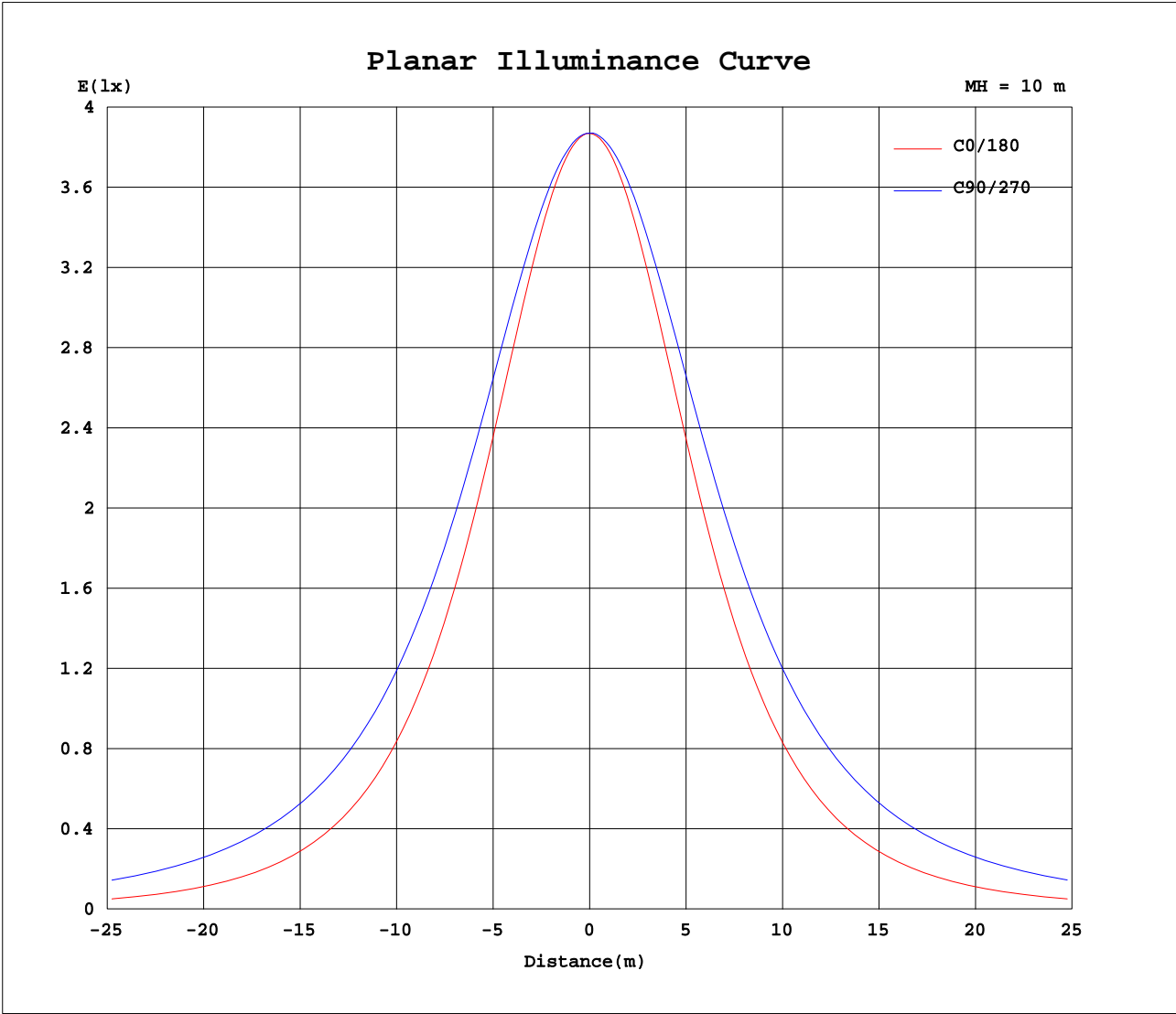
AvgL	cd/m2
L_0~180(65)av	7706
L_0~180(75)av	6074
L_0~180(85)av	2744
L_90~270(65)av	19004
L_90~270(75)av	27744
L_90~270(85)av	72600
L_45(65)av	14574
L_45(75)av	19992
L_45(85)av	49529

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24.7DEG
Operators:Alan Wang
Test Date:26 December 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity:41.3%
Test Distance:2.500m [K=1.0250]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24.7DEG
Operators:Alan Wang
Test Date:26 December 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity:41.3%
Test Distance:2.500m [K=1.0250]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.2447A P:25.64W PF:0.8731 Freq:60.00Hz Lamp Flux:1984.88x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	387	387	387	387	387	387	387	387	387	387	387	387	387	387	387	387	387	387	387
5	385	385	385	386	386	386	387	386	386	385	385	385	384	385	385	386	386	387	387
10	379	379	380	381	383	384	385	384	383	381	379	378	378	378	380	381	383	385	385
15	368	369	371	375	378	381	381	380	377	374	370	367	367	368	371	375	379	382	383
20	354	355	360	366	371	376	377	375	370	364	358	353	352	354	359	366	372	377	379
25	336	338	345	354	363	370	372	369	362	352	343	336	334	337	345	355	364	371	373
30	314	318	328	341	353	362	365	361	352	338	325	315	312	317	327	341	354	364	367
35	290	296	309	325	342	353	357	352	340	323	306	292	289	295	308	326	343	355	359
40	264	271	288	309	329	343	347	342	327	306	284	268	263	270	288	310	331	345	350
45	236	245	266	292	316	331	336	330	313	289	262	242	235	244	266	293	317	333	339
50	207	218	243	274	301	319	325	317	299	271	239	214	206	217	244	275	302	320	327
55	177	190	220	256	286	305	312	304	283	252	217	187	176	190	221	256	287	307	314
60	147	162	198	237	270	291	298	290	267	234	194	159	145	162	199	238	271	292	300
65	116	135	176	219	254	276	284	275	251	216	173	132	115	136	177	220	255	277	285
70	85.1	109	156	201	238	261	269	260	236	198	152	106	84.7	110	156	202	238	262	270
75	55.7	85.1	136	185	223	246	254	245	220	181	133	81.5	55.6	86.5	137	185	223	247	254
80	29.1	64.3	119	169	207	231	239	230	205	166	116	60.9	29.2	66.0	120	169	207	231	239
85	8.58	48.1	105	154	193	217	224	215	190	151	101	44.8	8.35	49.8	106	154	192	217	224
90	0.17	37.0	92.1	141	179	202	210	201	177	138	88.6	34.1	0.22	38.7	93.0	141	178	201	208
95	0.87	30.6	81.9	129	165	188	195	187	163	127	78.8	28.2	0.98	32.0	82.9	129	165	187	194
100	2.45	26.4	73.6	118	153	174	181	173	151	116	70.9	24.4	2.53	27.7	74.5	118	152	173	180
105	4.72	23.3	66.7	108	141	161	168	160	139	106	64.3	21.6	4.77	24.4	67.4	108	140	160	166
110	7.75	21.3	60.6	98.8	129	148	154	147	128	97.0	58.6	20.3	7.64	22.3	61.2	98.7	128	147	153
115	11.5	22.3	55.4	89.9	118	136	141	135	117	88.4	53.8	21.7	11.0	22.6	55.9	89.9	117	134	140
120	15.1	24.3	50.9	81.9	107	123	129	123	106	80.7	49.7	24.0	13.7	24.3	51.0	81.9	107	122	127
125	18.1	26.8	47.0	74.4	97.1	112	117	111	96.5	73.6	46.2	26.6	17.0	26.6	44.9	74.4	96.6	111	115
130	21.0	29.3	45.2	67.5	87.3	100	105	100.0	86.9	67.1	44.8	28.7	20.4	29.1	44.1	67.2	87.0	99.6	104
135	23.7	31.5	44.3	61.3	78.3	89.5	93.4	89.3	78.1	61.1	44.1	30.9	23.6	32.0	44.2	59.1	77.8	89.0	92.6
140	26.1	33.7	43.9	57.0	69.8	79.4	82.8	79.3	69.9	56.9	43.8	32.8	26.8	34.0	44.2	53.4	69.3	78.9	82.1
145	27.9	35.9	43.9	53.6	63.3	70.3	72.9	70.2	63.3	53.7	43.5	34.6	29.6	35.5	43.9	52.1	60.5	69.6	72.5
150	29.7	37.8	43.9	51.2	58.3	63.5	65.5	63.5	58.4	51.2	43.1	36.8	31.6	36.7	43.8	49.2	55.5	62.1	64.8
155	31.7	39.6	44.0	49.3	54.3	58.0	59.5	58.1	54.4	49.4	43.4	38.7	33.6	35.9	43.5	46.9	52.1	53.3	58.6
160	34.2	40.7	44.4	47.7	51.1	53.6	54.5	53.6	51.3	48.1	42.6	40.0	35.6	35.8	43.0	45.6	48.3	51.6	50.7
165	32.3	37.0	45.0	46.8	48.7	50.2	50.7	50.2	48.9	45.0	42.0	36.1	33.1	30.9	38.7	45.3	45.8	47.8	49.4
170	27.3	28.3	37.9	45.5	46.9	47.5	47.7	47.6	45.8	34.9	31.2	27.4	27.7	27.4	28.3	32.3	39.4	44.6	46.0
175	24.0	24.0	24.4	26.8	37.6	42.9	41.9	34.3	24.6	23.9	24.2	24.2	24.4	24.4	24.3	24.1	23.9	25.0	34.4
180	37.7	36.6	33.1	25.1	21.2	8.75	1.89	9.13	18.5	27.8	33.2	36.5	35.0	35.0	34.1	31.2	26.1	19.3	14.0

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:24.7DEG

Operators:Alan Wang

Test Date:26 December 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416

Humidity:41.3%

Test Distance:2.500m [K=1.0250]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.2447A P:25.64W PF:0.8731 Freq:60.00Hz Lamp Flux:1984.88x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	387	387	387	387	387														
5	386	387	386	386	386														
10	385	384	382	381	379														
15	382	379	376	372	370														
20	377	373	367	361	356														
25	371	365	355	346	339														
30	364	355	342	329	319														
35	355	343	327	309	296														
40	345	331	310	288	272														
45	333	317	292	266	245														
50	320	301	274	243	218														
55	306	286	255	220	190														
60	291	269	236	197	162														
65	276	253	218	174	134														
70	261	237	199	153	107														
75	245	221	182	133	82.9														
80	230	205	166	116	61.5														
85	215	190	151	101	44.7														
90	200	176	138	88.2	33.5														
95	186	163	125	78.1	27.4														
100	172	150	115	70.0	23.4														
105	159	138	105	63.3	20.6														
110	146	126	95.6	57.6	19.3														
115	133	115	87.2	52.7	20.8														
120	121	105	79.6	48.5	23.2														
125	110	95.1	72.5	45.0	25.9														
130	98.9	85.8	65.9	43.7	28.2														
135	88.4	77.0	59.9	43.1	30.1														
140	78.6	69.0	55.9	43.0	32.0														
145	69.7	62.7	53.1	43.3	34.1														
150	63.3	58.3	51.2	43.7	36.5														
155	57.9	54.9	50.0	44.5	39.0														
160	53.5	51.6	48.9	45.3	41.0														
165	47.5	49.0	47.4	45.6	41.3														
170	46.7	45.6	46.2	42.9	33.2														
175	41.9	41.1	35.5	25.6	23.4														
180	1.12	13.7	20.2	26.5	31.7														

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:24.7DEG

Operators:Alan Wang

Test Date:26 December 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416

Humidity:41.3%

Test Distance:2.500m [K=1.0250]

Remarks: