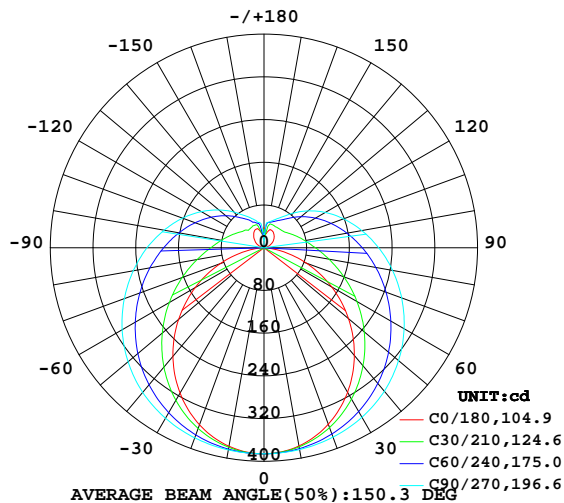


LUMINAIRE PHOTOMETRIC TEST REPORT

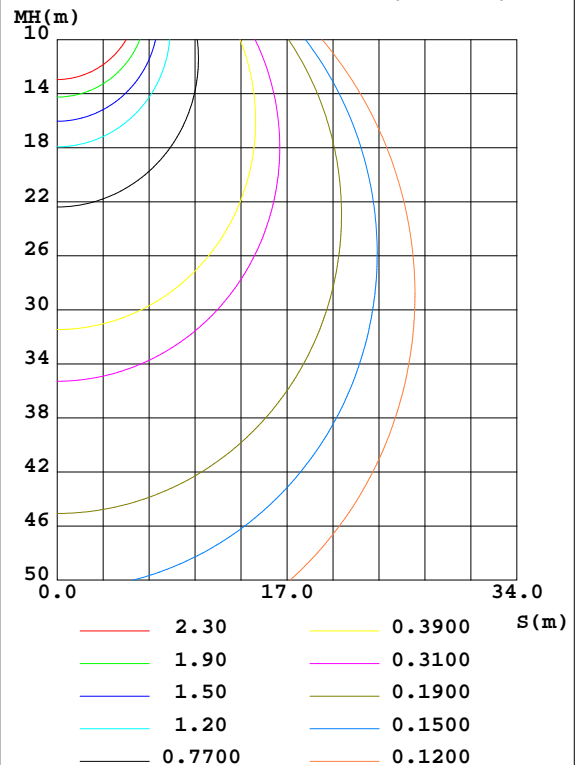
Test:U:120.0V I:0.2509A P:26.40W PF:0.8768 Freq:60.00Hz Lamp Flux:2030.95x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 76.93 lm/W			
MODEL	C06018302A	Imax(cd)	386.0	S/MH(C0/180)	1.22
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.44
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2030.9	η UP,DN(C0-180)	12.5,37.2
NOMINAL FLUX(lm)	2030.95	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	12.8,37.5
LAMPS INSIDE	1	η up(%)	25.3	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down(%)	74.7	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	376.9	380.5	383.7	380.6	377.5	381.3	384.4	380.7	0- 10	36.59	36.59	1.8,1.8
20	351.8	365.1	377.5	365.1	353.0	366.9	378.8	365.5	10- 20	105.7	142.3	7.01,7.01
30	312.8	341.1	366.7	340.7	314.4	343.8	368.7	341.4	20- 30	163.5	305.8	15.1,15.1
40	263.3	310.9	350.6	309.7	265.3	314.2	353.4	310.5	30- 40	204.4	510.2	25.1,25.1
50	206.7	276.9	328.9	274.6	208.7	280.6	332.3	275.7	40- 50	225.6	735.8	36.2,36.2
60	146.1	241.0	302.9	237.8	148.4	244.9	306.7	239.1	50- 60	227.1	962.9	47.4,47.4
70	84.64	206.0	274.2	201.9	87.28	209.4	278.3	202.9	60- 70	212.0	1175	57.9,57.9
80	28.78	174.0	244.4	169.2	31.40	177.6	248.6	170.5	70- 80	185.9	1361	67,67
90	0.6635	146.3	214.7	141.2	1.043	149.9	219.1	142.9	80- 90	156.1	1517	74.7,74.7
100	3.775	123.1	186.2	118.3	3.632	126.6	190.0	120.2	90-100	130.5	1647	81.1,81.1
110	9.376	103.4	158.7	99.12	9.111	106.5	162.3	100.9	100-110	107.5	1755	86.4,86.4
120	17.05	85.87	132.6	82.38	16.59	88.83	135.6	84.06	110-120	86.01	1841	90.6,90.6
130	23.97	70.81	107.6	68.18	23.40	73.42	110.3	69.58	120-130	66.50	1907	93.9,93.9
140	29.73	59.09	84.70	57.63	30.19	61.12	87.25	59.29	130-140	49.23	1957	96.3,96.3
150	34.29	52.71	66.55	52.04	36.25	50.20	68.97	54.13	140-150	34.85	1991	98.1,98.1
160	35.98	49.07	55.52	49.11	38.08	47.11	56.75	51.52	150-160	23.36	2015	99.2,99.2
170	27.94	46.91	48.89	36.49	28.42	34.21	47.94	48.26	160-170	12.94	2028	99.8,99.8
180	38.63	25.75	3.819	28.94	35.92	31.97	14.50	21.37	170-180	3.242	2031	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 621.63 lm

%lum = 30.6%

%lamp = 30.6%

Conical surface Flux(120deg): 962.89 lm

%lum = 47.4%

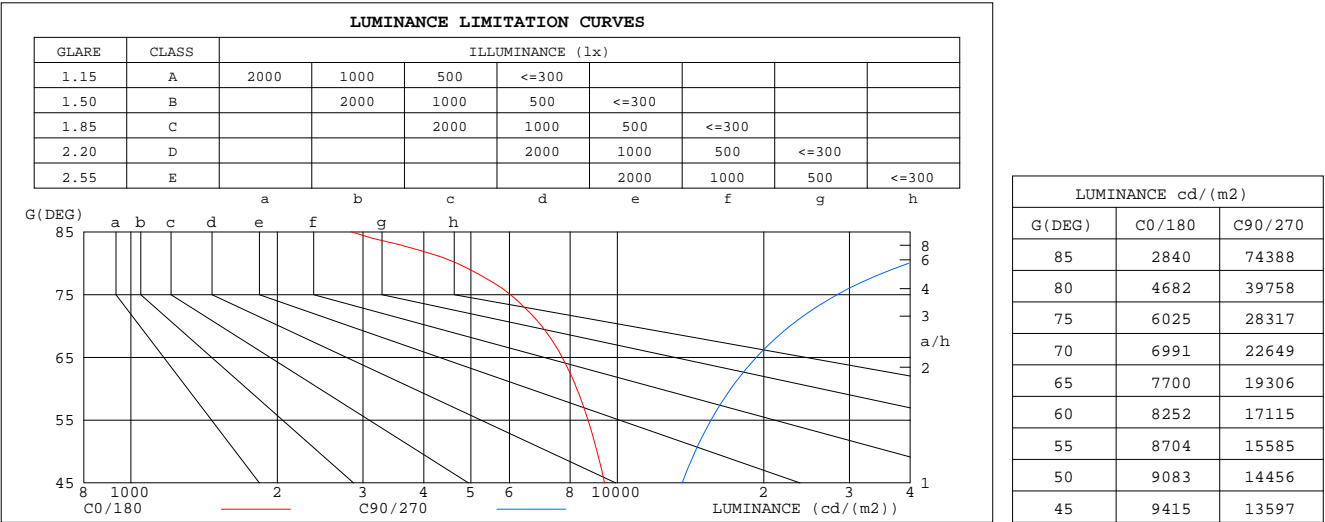
%lamp = 47.4%

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:0.2509A P:26.40W PF:0.8768 Freq:60.00Hz Lamp Flux:2030.95x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:



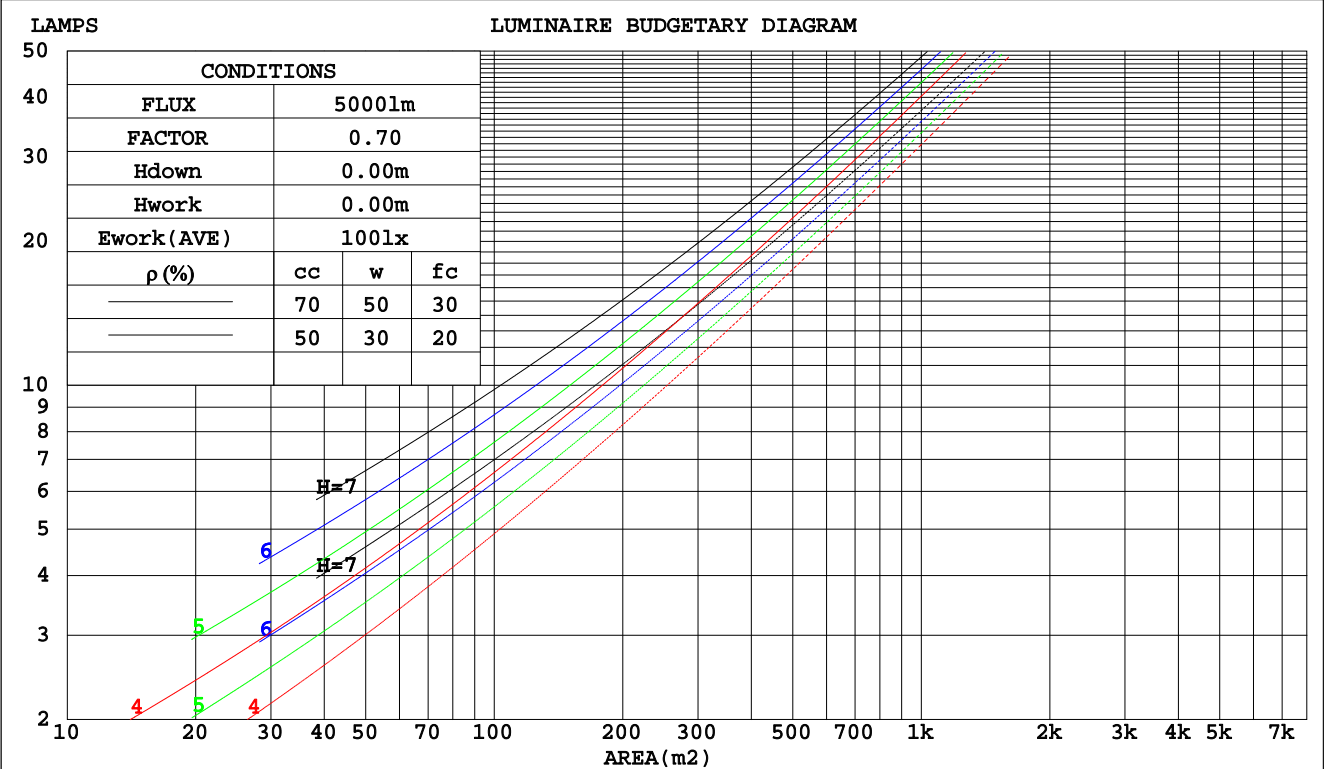
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24.7DEG
Operators:Alan Wang
Test Date:26 December 2024

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:0.2509A P:26.40W PF:0.8768 Freq:60.00Hz Lamp Flux:2030.95x1 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
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.13	1.13	1.13	1.07	1.07	1.07	.97	.97	.97	.88	.88	.88	.79	.79	.79	.75
1.0	.94	.88	.84	.89	.84	.80	.80	.76	.73	.72	.69	.66	.64	.62	.60	.56
2.0	.80	.72	.66	.76	.69	.63	.68	.63	.58	.61	.57	.53	.55	.51	.48	.44
3.0	.69	.61	.53	.66	.58	.51	.59	.53	.47	.53	.48	.43	.47	.43	.39	.36
4.0	.61	.52	.44	.58	.49	.43	.52	.45	.39	.47	.41	.36	.42	.37	.33	.30
5.0	.54	.45	.38	.51	.43	.36	.46	.39	.34	.42	.36	.31	.37	.32	.28	.25
6.0	.48	.39	.32	.46	.37	.31	.42	.34	.29	.38	.31	.27	.34	.29	.25	.22
7.0	.44	.35	.28	.42	.33	.27	.38	.31	.25	.34	.28	.24	.31	.26	.22	.19
8.0	.40	.31	.25	.38	.30	.24	.34	.27	.22	.31	.25	.21	.28	.23	.19	.17
9.0	.36	.28	.22	.35	.27	.21	.31	.25	.20	.29	.23	.19	.26	.21	.17	.15
10.0	.33	.25	.20	.32	.24	.19	.29	.23	.18	.26	.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:0.2509A P:26.40W PF:0.8768 Freq:60.00Hz Lamp Flux:2030.95x1 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	.386	.219	.069	.371	.212	.067	.343	.197	.063	.317	.183	.059	.293	.170	.055		
2.0	.332	.182	.056	.318	.175	.054	.293	.163	.051	.270	.151	.047	.248	.140	.044		
3.0	.294	.156	.047	.282	.151	.045	.259	.140	.043	.237	.130	.040	.218	.120	.037		
4.0	.264	.137	.040	.253	.132	.039	.232	.123	.037	.213	.114	.034	.195	.106	.032		
5.0	.240	.122	.035	.230	.118	.034	.211	.110	.032	.193	.102	.030	.176	.094	.028		
6.0	.220	.110	.032	.211	.106	.031	.193	.099	.029	.177	.092	.027	.161	.085	.025		
7.0	.203	.100	.028	.194	.097	.028	.178	.090	.026	.163	.084	.024	.149	.077	.023		
8.0	.188	.092	.026	.180	.089	.025	.165	.083	.024	.151	.077	.022	.138	.071	.021		
9.0	.175	.085	.024	.168	.082	.023	.154	.076	.022	.141	.071	.020	.129	.066	.019		
10.0	.164	.079	.022	.157	.076	.021	.144	.071	.020	.132	.066	.019	.121	.061	.017		

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	.383	.383	.383	.328	.328	.328	.224	.224	.224	.128	.128	.128	.041	.041	.041	
1.0	.380	.350	.323	.325	.300	.278	.222	.207	.192	.128	.120	.112	.041	.038	.036	
2.0	.373	.327	.289	.320	.282	.250	.219	.195	.174	.126	.113	.102	.041	.037	.033	
3.0	.366	.311	.268	.314	.269	.232	.215	.187	.163	.124	.109	.096	.040	.035	.031	
4.0	.358	.299	.254	.307	.258	.220	.211	.180	.155	.122	.105	.092	.039	.034	.030	
5.0	.351	.289	.244	.301	.250	.212	.207	.175	.150	.120	.103	.089	.039	.034	.029	
6.0	.343	.282	.237	.295	.244	.207	.204	.171	.146	.118	.100	.087	.038	.033	.029	
7.0	.336	.275	.232	.289	.238	.202	.200	.167	.143	.116	.098	.085	.038	.032	.028	
8.0	.330	.270	.228	.284	.234	.199	.196	.164	.141	.114	.097	.084	.037	.032	.028	
9.0	.324	.265	.225	.279	.230	.196	.193	.162	.140	.112	.095	.083	.036	.031	.028	
10.0	.318	.261	.223	.274	.226	.194	.190	.159	.138	.111	.094	.082	.036	.031	.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:0.2509A P:26.40W PF:0.8768 Freq:60.00Hz Lamp Flux:2030.95x1 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	20.9	20.4	21.6	22.3	24.2	25.4	24.9	26.0	26.8
4H	20.3	21.4	20.9	22.1	22.8	25.8	26.9	26.5	27.6	28.3
6H	20.6	21.7	21.3	22.4	23.1	27.5	28.6	28.2	29.3	30.1
8H	20.7	21.7	21.4	22.4	23.2	28.5	29.5	29.2	30.2	31.0
12H	20.7	21.7	21.4	22.4	23.2	29.6	30.6	30.3	31.3	32.1
4H 2H	19.8	20.9	20.5	21.6	22.4	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	25.7	26.7	27.5
4H	22.3	23.2	23.0	23.9	24.7	26.8	27.7	27.5	28.4	29.2
6H	22.8	23.6	23.6	24.4	25.2	28.8	29.6	29.5	30.3	31.2
8H	23.0	23.8	23.7	24.5	25.4	29.9	30.6	30.6	31.4	32.3
12H	23.1	23.8	23.9	24.6	25.5	31.1	31.8	31.9	32.6	33.5
8H 4H	23.7	24.4	24.4	25.2	26.1	27.1	27.9	27.9	28.6	29.5
6H	24.7	25.4	25.5	26.1	27.1	29.4	30.1	30.2	30.8	31.8
8H	25.2	25.7	26.0	26.5	27.5	30.7	31.3	31.5	32.1	33.1
12H	25.5	26.0	26.3	26.8	27.8	32.3	32.8	33.1	33.6	34.6
12H 4H	24.1	24.8	24.9	25.6	26.5	27.1	27.8	27.9	28.6	29.5
6H	25.5	26.1	26.3	26.9	27.8	29.5	30.1	30.3	30.9	31.8
8H	26.2	26.7	27.0	27.5	28.5	31.0	31.5	31.8	32.3	33.3
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, 2031 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 2.5$)
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:0.2509A P:26.40W PF:0.8768 Freq:60.00Hz Lamp Flux:2030.95x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:

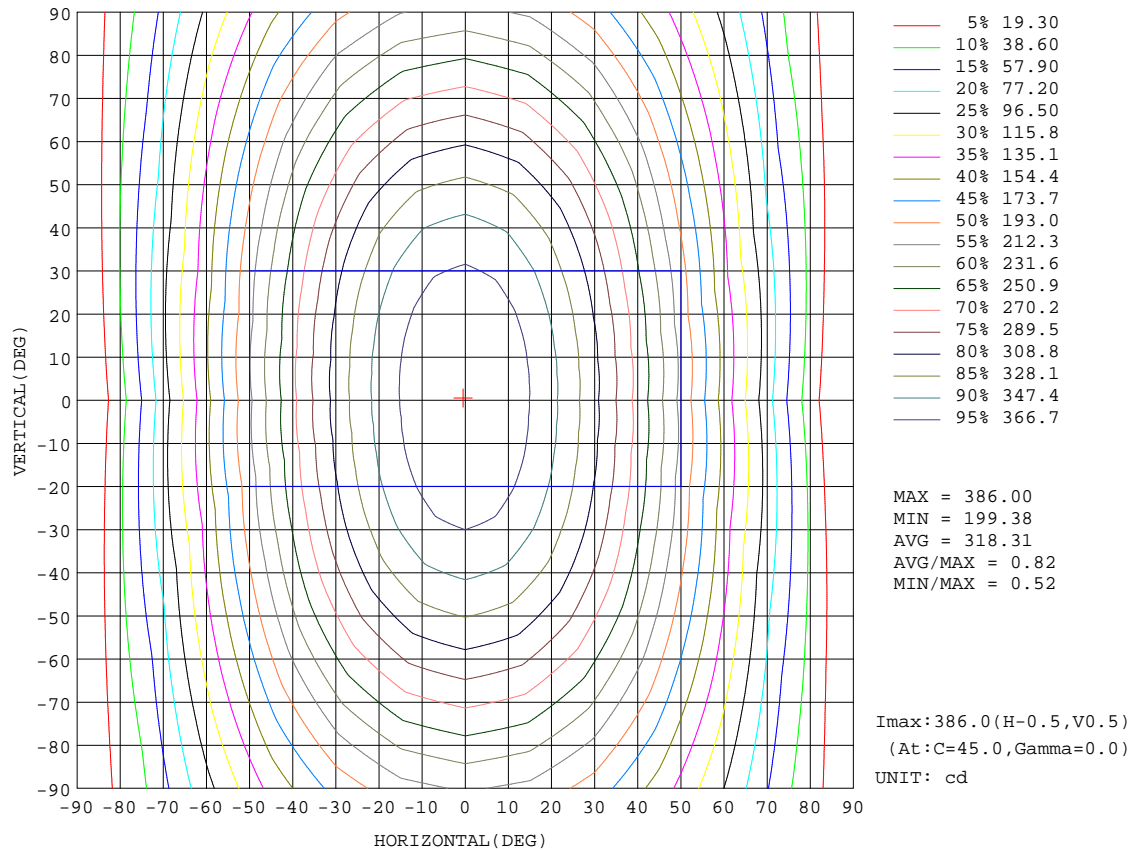
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	45	33	26	44	33	26	42	31	25	18
0.80	55	41	33	53	41	33	49	39	32	24
1.00	62	49	41	60	48	40	56	48	38	29
1.25	69	56	47	66	55	46	61	51	44	34
1.50	74	62	53	71	60	52	65	56	49	37
2.00	81	70	62	78	68	60	71	63	56	43
2.50	86	76	67	82	73	65	75	67	61	47
3.00	90	80	73	86	77	70	78	71	65	50
4.00	95	86	80	90	83	77	82	76	71	54
5.00	98	91	84	93	87	81	84	79	75	57
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:0.2509A P:26.40W PF:0.8768 Freq:60.00Hz Lamp Flux:2030.95x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:



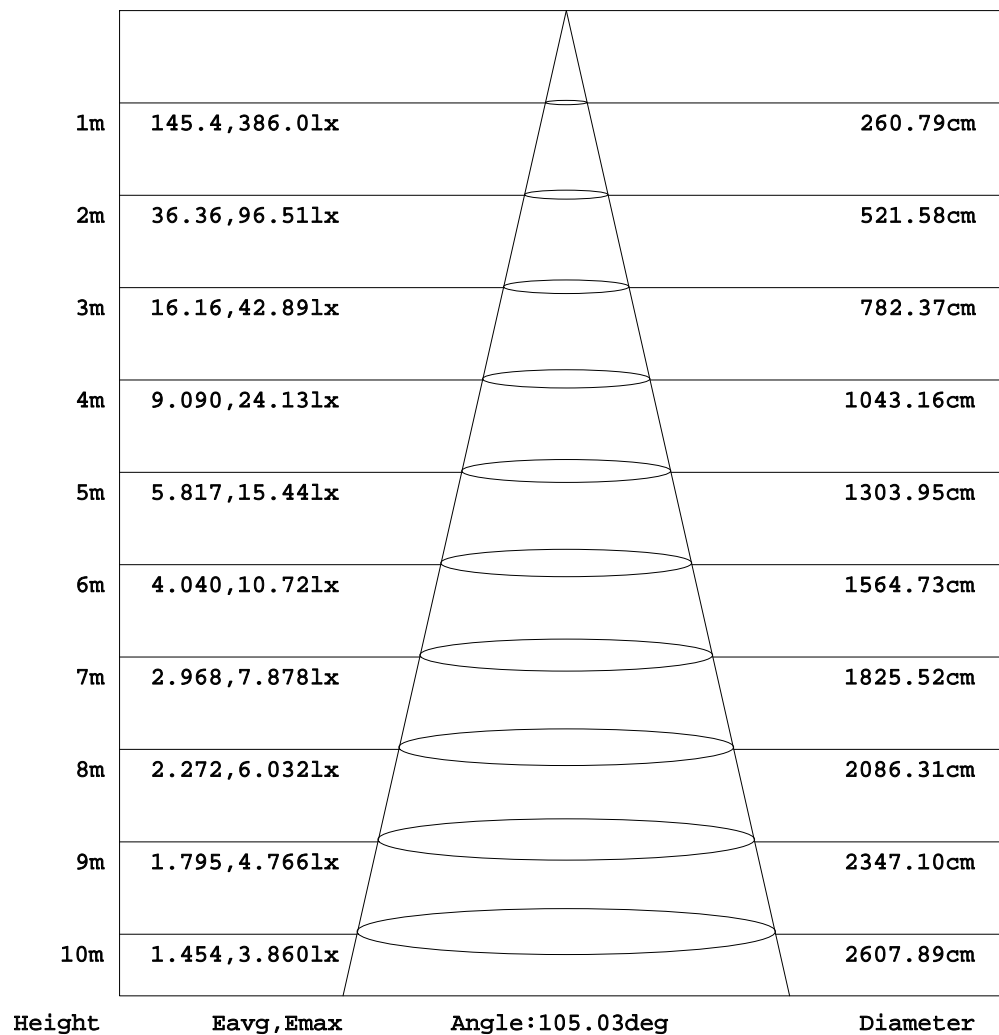
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.7DEG
 Operators: Alan Wang
 Test Date: 26 December 2024

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:0.2509A P:26.40W PF:0.8768 Freq:60.00Hz Lamp Flux:2030.95x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:

Flux out:804.6 lm



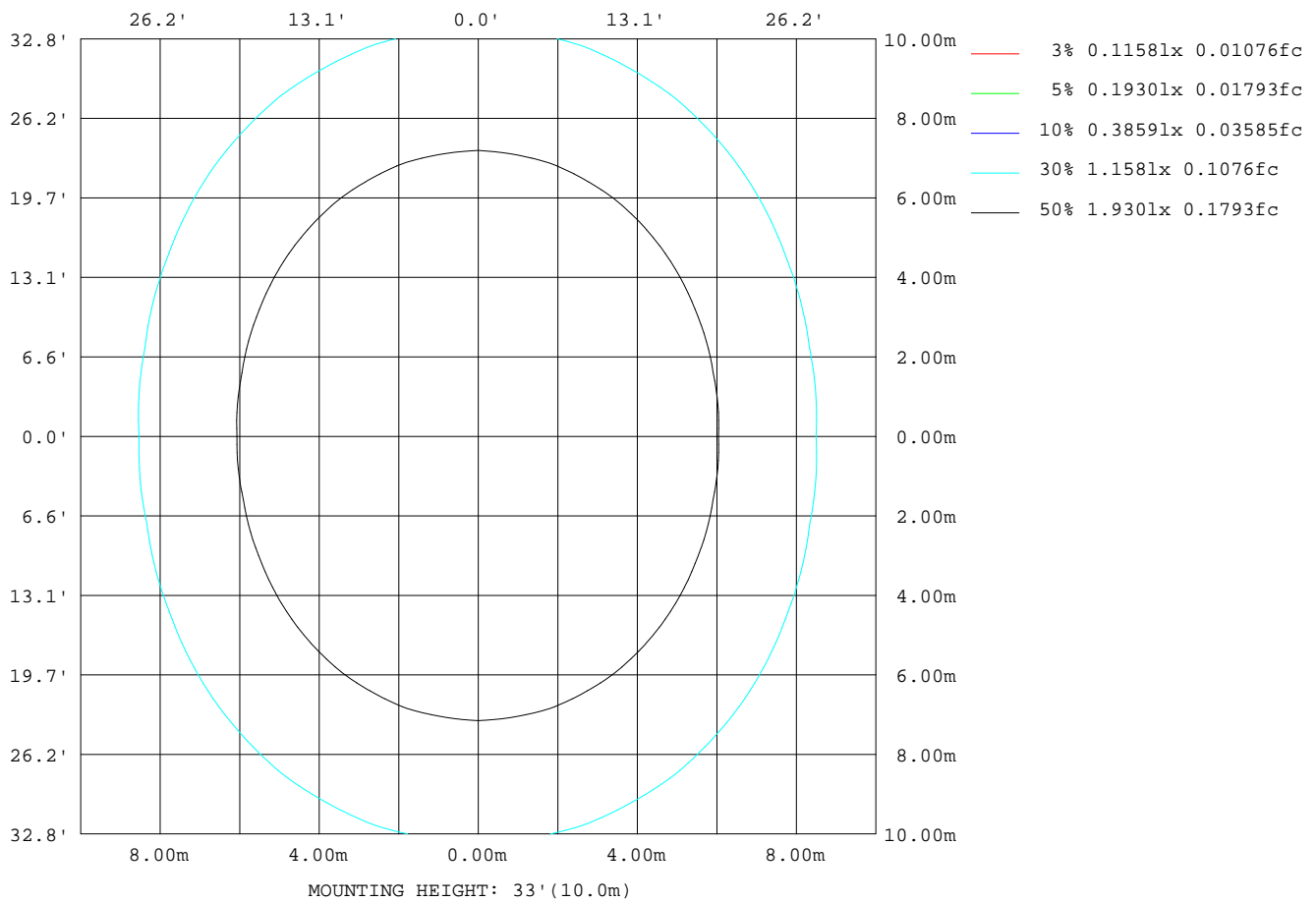
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.2509A P:26.40W PF:0.8768 Freq:60.00Hz Lamp Flux:2030.95x1 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:0.2509A P:26.40W PF:0.8768 Freq:60.00Hz Lamp Flux:2030.95x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:

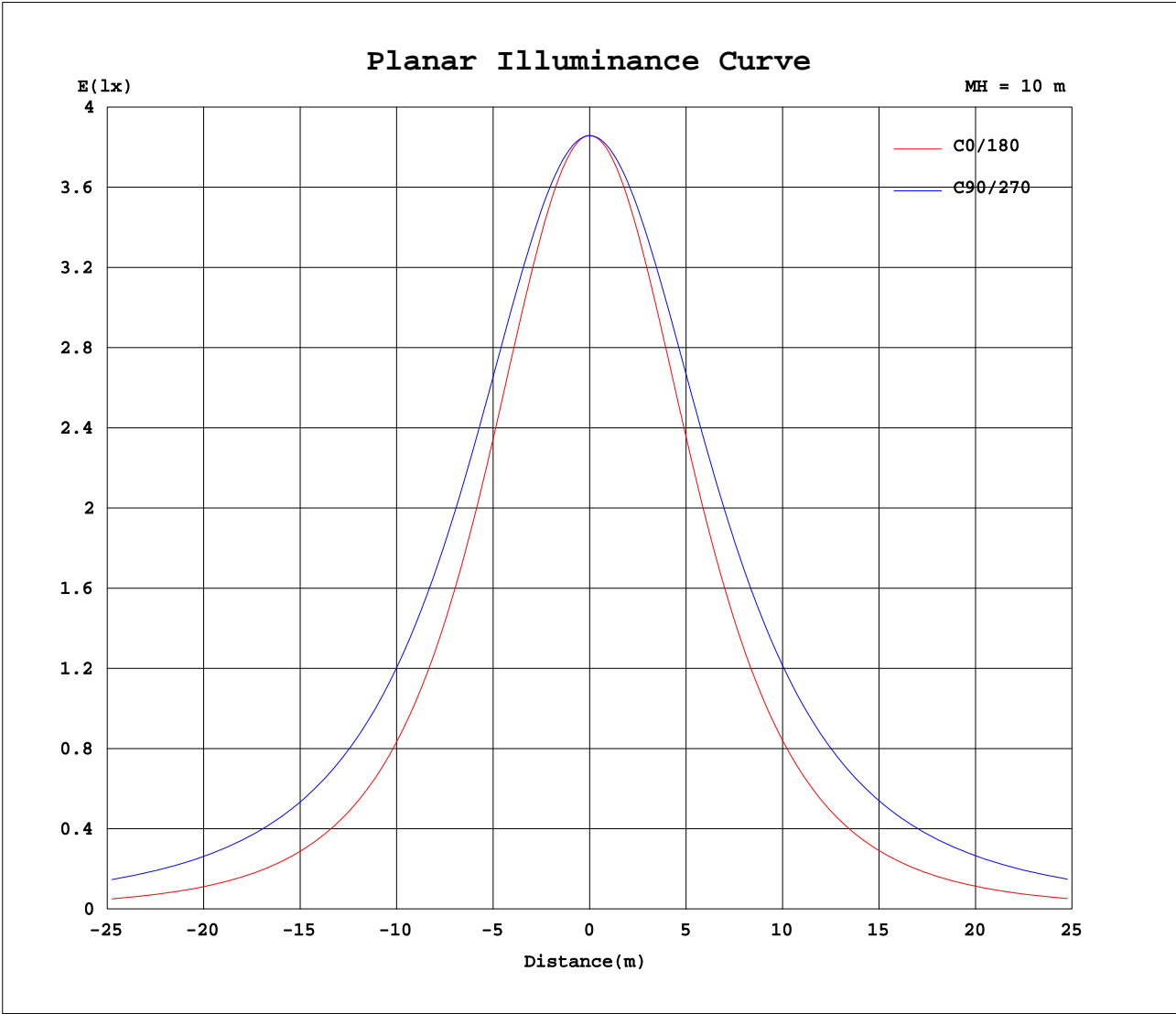
AvgL	cd/m2
L_0~180(65)av	7782
L_0~180(75)av	6179
L_0~180(85)av	3073
L_90~270(65)av	19437
L_90~270(75)av	28537
L_90~270(85)av	75061
L_45(65)av	14893
L_45(75)av	20570
L_45(85)av	51317

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:0.2509A P:26.40W PF:0.8768 Freq:60.00Hz Lamp Flux:2030.95x1 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	386	386	386	386	386	386	386	386	386	386	386	386	386	386	386	386	386	386	386
5	384	384	384	385	385	385	385	385	385	385	384	384	384	384	384	385	385	386	386
10	377	377	379	380	382	383	384	384	382	381	379	378	378	378	380	381	383	384	384
15	366	367	370	374	377	380	381	380	377	374	370	368	367	369	371	375	379	382	382
20	352	353	358	365	371	376	378	376	371	365	359	354	353	355	360	367	373	378	379
25	334	337	344	354	364	370	373	370	363	354	344	337	335	339	346	356	366	372	374
30	313	317	327	341	354	363	367	363	354	341	327	317	314	319	330	344	357	366	369
35	289	295	309	327	343	355	359	355	343	326	308	295	291	297	312	330	346	358	362
40	263	271	288	311	332	346	351	345	331	310	288	270	265	273	292	314	335	349	353
45	236	245	267	294	319	335	340	334	317	293	266	244	238	248	270	298	322	338	343
50	207	218	245	277	304	323	329	322	303	275	243	217	209	222	249	281	308	326	332
55	177	191	223	259	290	310	316	309	288	256	220	190	179	194	227	263	294	314	320
60	146	164	201	241	274	296	303	295	272	238	198	162	148	167	204	245	278	300	307
65	115	137	180	223	259	281	289	280	256	220	176	134	118	140	183	227	263	286	293
70	84.6	111	159	206	243	267	274	265	240	202	155	108	87.3	115	163	209	247	271	278
75	55.2	88.0	141	190	228	252	259	250	225	185	135	83.6	58.0	91.8	144	193	232	256	263
80	28.8	67.4	124	174	213	237	244	235	209	169	118	62.3	31.4	71.3	127	178	217	241	249
85	8.76	51.3	109	160	198	222	230	220	195	155	103	45.5	10.2	54.8	112	163	202	226	234
90	0.66	40.3	96.3	146	184	207	215	206	181	141	90.2	34.5	1.04	43.4	99.9	150	188	212	219
95	1.94	33.9	86.2	134	171	193	200	192	167	129	80.3	28.4	1.91	36.6	89.7	138	175	197	204
100	3.77	29.7	77.8	123	158	179	186	178	155	118	72.2	24.8	3.63	32.0	81.1	127	162	183	190
105	6.26	26.5	70.7	113	145	166	172	164	142	108	65.6	22.0	6.04	28.6	73.8	116	149	170	176
110	9.38	24.4	64.5	103	134	153	159	151	131	99.1	59.7	20.7	9.11	26.2	67.3	107	137	156	162
115	13.1	25.0	59.1	94.3	122	140	145	138	120	90.3	54.8	22.3	12.8	26.4	61.7	97.4	126	143	149
120	17.0	26.9	54.3	85.9	111	127	133	126	109	82.4	50.6	24.8	16.6	28.1	56.8	88.8	114	131	136
125	20.8	29.1	50.2	78.1	101	115	120	114	98.5	75.0	47.0	27.6	19.8	29.8	52.5	80.9	104	118	123
130	24.0	31.4	47.8	70.8	90.6	103	108	102	88.6	68.2	45.5	30.0	23.4	32.1	49.7	73.4	93.5	106	110
135	27.0	33.2	46.6	64.1	81.1	92.3	95.9	91.3	79.4	61.9	44.8	32.8	27.0	34.2	47.1	66.6	83.9	95.0	98.5
140	29.7	35.7	45.9	59.1	72.3	81.7	84.7	80.9	70.9	57.6	44.6	35.1	30.2	36.0	44.3	61.1	74.8	84.2	87.2
145	32.2	38.0	45.5	55.4	65.1	71.9	74.4	71.4	64.2	54.4	44.7	36.8	33.4	38.6	44.5	56.4	67.2	74.3	76.7
150	34.3	39.5	45.0	52.7	59.8	64.9	66.6	64.5	59.2	52.0	45.0	38.4	36.2	40.2	45.3	50.2	61.2	67.0	69.0
155	35.6	41.0	45.6	50.6	55.6	59.3	60.5	59.1	55.3	50.4	44.8	39.4	37.8	40.1	45.9	49.1	54.3	60.4	62.5
160	36.0	42.3	46.1	49.1	52.3	54.7	55.5	54.6	52.3	49.1	44.9	41.1	38.1	38.0	45.6	47.1	50.9	53.9	56.7
165	33.0	38.3	46.3	48.2	49.9	51.2	51.7	51.2	49.9	46.8	41.8	36.9	34.1	33.6	41.7	47.3	47.5	50.1	51.2
170	27.9	29.2	39.2	46.9	48.2	48.7	48.9	48.7	46.8	36.5	31.6	29.0	28.4	28.6	29.8	34.2	41.3	46.2	47.9
175	24.8	24.8	25.4	27.8	39.0	43.9	43.3	34.8	25.3	24.5	24.8	24.9	25.1	25.2	25.1	25.0	24.8	26.2	36.2
180	38.6	37.4	33.8	25.7	22.0	10.0	3.82	10.1	20.0	28.9	34.3	40.7	35.9	35.9	34.9	32.0	26.8	19.9	14.5

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:0.2509A P:26.40W PF:0.8768 Freq:60.00Hz Lamp Flux:2030.95x1 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	386	386	386	386	386														
5	386	385	385	384	384														
10	384	383	381	379	378														
15	381	378	374	370	368														
20	377	372	366	359	354														
25	371	364	354	344	337														
30	365	355	341	328	317														
35	357	344	327	308	295														
40	347	332	310	288	270														
45	337	319	293	266	244														
50	325	305	276	243	217														
55	312	290	257	221	189														
60	298	274	239	198	161														
65	283	259	221	176	134														
70	269	243	203	155	107														
75	254	227	186	135	82.8														
80	239	212	171	118	61.5														
85	224	197	156	103	44.8														
90	209	183	143	91.0	34.0														
95	195	170	131	81.2	28.3														
100	181	157	120	73.2	24.5														
105	168	145	110	66.4	21.7														
110	154	133	101	60.6	21.0														
115	141	122	92.1	55.6	22.8														
120	129	111	84.1	51.3	25.5														
125	117	101	76.6	47.9	28.3														
130	105	90.7	69.6	46.7	30.8														
135	93.7	81.4	63.3	46.0	33.0														
140	83.2	72.8	59.3	45.8	34.7														
145	73.8	66.4	56.3	46.0	36.4														
150	67.0	61.6	54.1	46.4	38.4														
155	61.5	57.9	52.8	46.9	40.6														
160	56.6	54.8	51.5	47.5	42.8														
165	52.5	51.6	50.0	47.8	43.1														
170	48.1	48.9	48.3	45.2	33.7														
175	43.5	42.7	36.7	26.8	24.4														
180	10.9	14.7	21.4	27.6	32.7														

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: