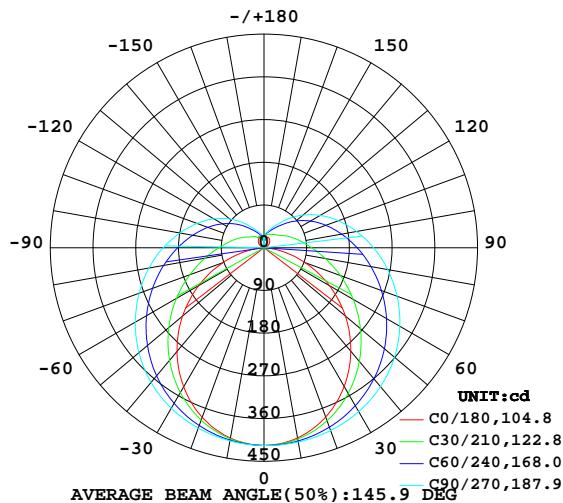


LUMINAIRE PHOTOMETRIC TEST REPORT

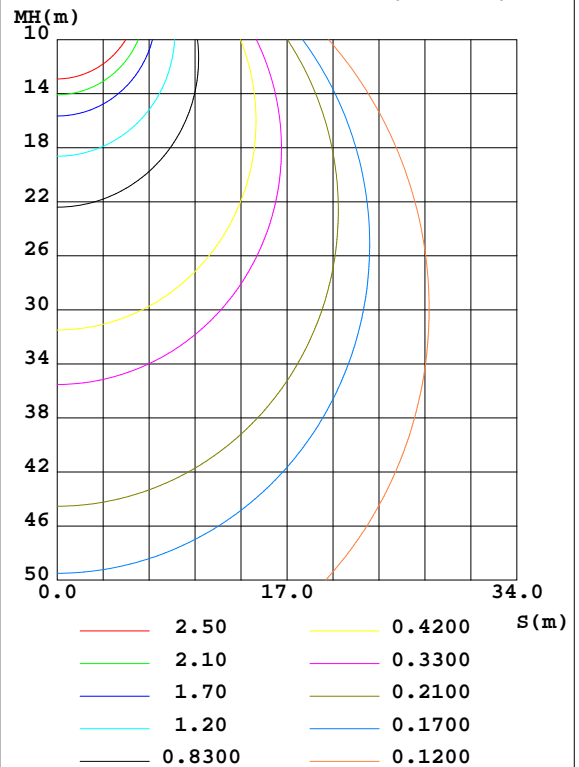
Test:U:120.0V I:0.2502A P:26.12W PF:0.8700 Freq:60.00Hz Lamp Flux:2084.81x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 79.82 lm/W			
MODEL	C06015302A	Imax(cd)	417.0	S/MH(C0/180)	1.21
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.41
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2084.8	η UP,DN(C0-180)	12.0,39.3
NOMINAL FLUX(lm)	2084.81	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	10.7,38.1
LAMPS INSIDE	1	η up(%)	22.7	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down(%)	77.3	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:24.9DEG
Operators:Alan Wang
Test Date:27 December 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity:41.5%
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	406.8	411.2	415.6	411.8	407.2	410.0	413.1	409.8	0- 10	39.49	39.49	1.89,1.89
20	379.6	395.3	409.7	395.6	380.4	392.6	404.4	391.7	10- 20	114.0	153.5	7.36,7.36
30	337.6	369.8	398.7	369.8	338.4	365.7	390.4	364.0	20- 30	176.0	329.5	15.8,15.8
40	284.4	337.2	381.9	336.4	285.1	331.8	370.2	329.1	30- 40	219.4	548.9	26.3,26.3
50	223.9	300.1	358.7	298.7	224.2	293.3	343.9	290.0	40- 50	241.4	790.3	37.9,37.9
60	158.9	261.0	330.4	259.0	158.3	252.7	313.1	249.1	50- 60	241.9	1032	49.5,49.5
70	92.66	222.2	298.3	220.0	92.22	212.6	279.9	208.7	60- 70	224.3	1256	60.3,60.3
80	32.21	186.2	264.6	183.9	32.16	176.1	246.0	172.1	70- 80	194.5	1451	69.6,69.6
90	0.4369	154.6	230.8	152.6	0.4584	144.4	212.3	140.5	80- 90	160.9	1612	77.3,77.3
100	2.063	128.1	198.1	126.4	2.046	118.0	180.2	114.4	90-100	131.7	1744	83.6,83.6
110	5.325	105.6	166.8	104.3	5.229	96.15	150.4	92.93	100-110	105.8	1849	88.7,88.7
120	10.36	84.86	136.6	84.10	10.04	76.21	122.0	73.44	110-120	81.76	1931	92.6,92.6
130	15.24	66.38	107.2	66.03	14.89	58.30	94.45	56.17	120-130	59.91	1991	95.5,95.5
140	19.24	51.05	79.91	50.89	18.90	44.08	69.07	42.55	130-140	41.17	2032	97.5,97.5
150	22.50	41.14	57.17	41.16	22.33	34.58	48.79	34.85	140-150	26.37	2059	98.7,98.7
160	23.96	34.51	42.12	34.59	24.74	27.39	36.10	31.40	150-160	16.03	2075	99.5,99.5
170	17.90	29.67	32.17	25.03	17.88	19.47	27.86	28.37	160-170	8.255	2083	99.9,99.9
180	22.78	16.35	0	17.91	21.33	19.14	7.736	12.28	170-180	1.980	2085	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 668.25 lm

%lum = 32.1%

%lamp = 32.1%

Conical surface Flux(120deg): 1032.2 lm

%lum = 49.5%

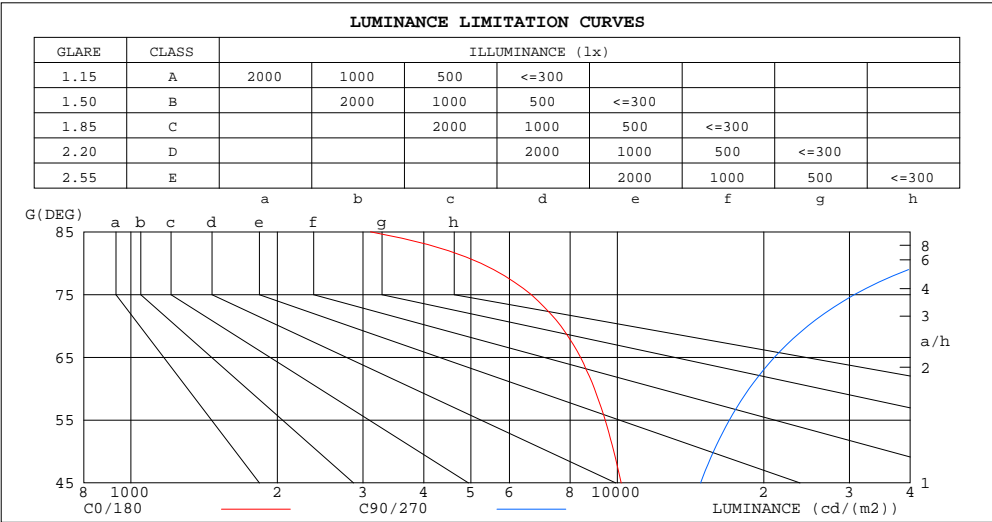
%lamp = 49.5%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:24.9DEG
 Operators:Alan Wang
 Test Date:27 December 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity:41.5%
 Test Distance:2.500m [K=1.0250]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.2502A P:26.12W PF:0.8700 Freq:60.00Hz Lamp Flux:2084.81x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	3110	80226
80	5240	43044
75	6655	30722
70	7653	24635
65	8398	21030
60	8977	18664
55	9440	16996
50	9839	15766
45	10183	14826

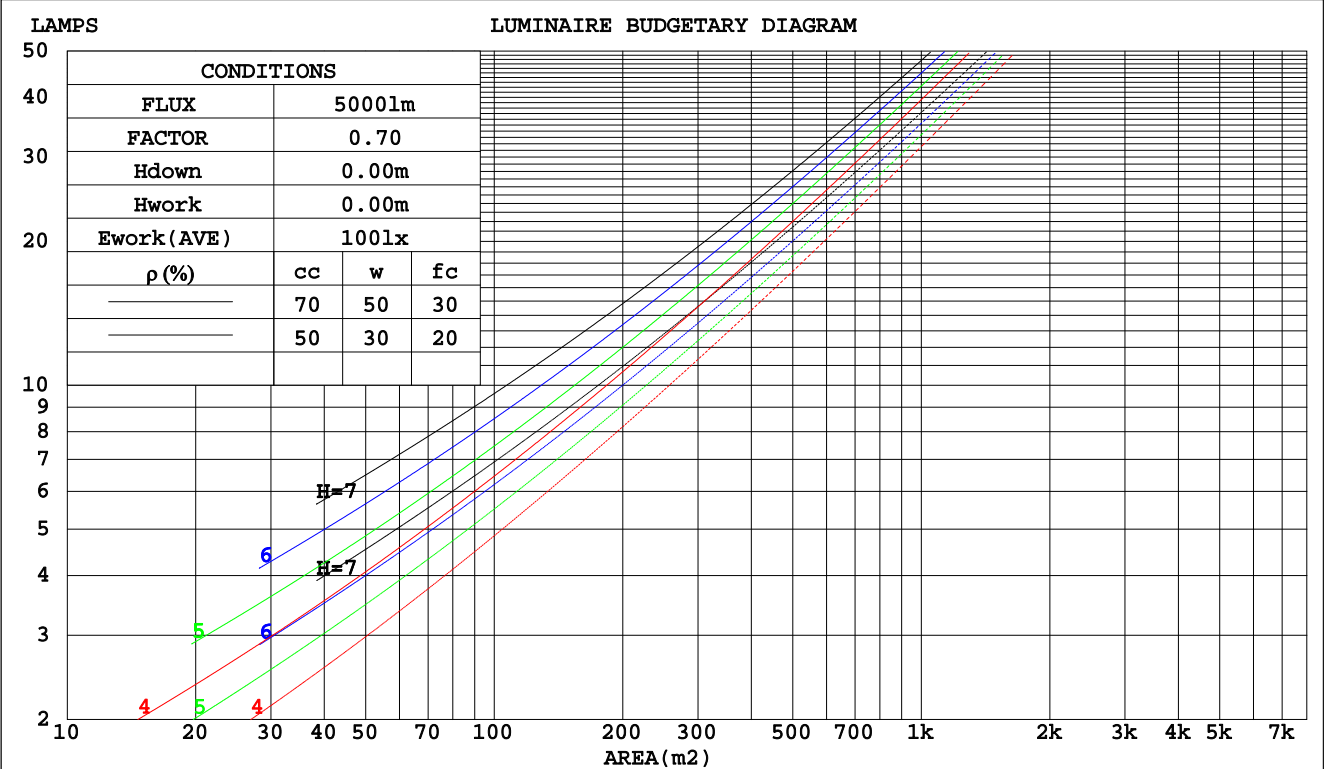
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24.9DEG
Operators:Alan Wang
Test Date:27 December 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity:41.5%
Test Distance:2.500m [K=1.0250]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.2502A P:26.12W PF:0.8700 Freq:60.00Hz Lamp Flux:2084.81x1 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															



WEC AND CCEC

Test:U:120.0V I:0.2502A P:26.12W PF:0.8700 Freq:60.00Hz Lamp Flux:2084.81x1 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	.387	.220	.070	.373	.213	.068	.346	.199	.063	.322	.186	.060	.299	.174	.056		
2.0	.333	.183	.056	.320	.176	.054	.296	.165	.051	.274	.154	.048	.254	.144	.045		
3.0	.295	.157	.047	.284	.152	.046	.262	.142	.043	.242	.132	.041	.223	.124	.038		
4.0	.265	.138	.041	.255	.133	.039	.235	.125	.037	.217	.116	.035	.200	.108	.033		
5.0	.241	.123	.036	.232	.119	.035	.213	.111	.033	.197	.104	.031	.181	.097	.029		
6.0	.221	.111	.032	.212	.107	.031	.196	.100	.029	.180	.094	.028	.166	.087	.026		
7.0	.204	.101	.029	.196	.097	.028	.180	.091	.026	.166	.085	.025	.153	.079	.023		
8.0	.189	.092	.026	.181	.089	.025	.167	.084	.024	.154	.078	.023	.142	.073	.021		
9.0	.176	.085	.024	.169	.082	.023	.156	.077	.022	.144	.072	.021	.133	.067	.019		
10.0	.165	.079	.022	.158	.076	.021	.146	.072	.020	.135	.067	.019	.125	.063	.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	.363	.363	.363	.311	.311	.311	.212	.212	.212	.122	.122	.122	.039	.039	.039		
1.0	.360	.330	.303	.308	.283	.260	.211	.195	.180	.121	.113	.105	.039	.036	.034		
2.0	.353	.307	.268	.303	.264	.232	.207	.183	.162	.120	.106	.095	.038	.034	.031		
3.0	.346	.291	.247	.296	.251	.214	.203	.174	.150	.118	.102	.089	.038	.033	.029		
4.0	.338	.279	.233	.290	.241	.202	.199	.168	.143	.115	.098	.084	.037	.032	.028		
5.0	.330	.269	.223	.284	.233	.194	.195	.162	.137	.113	.095	.081	.036	.031	.027		
6.0	.323	.261	.216	.278	.226	.188	.192	.158	.133	.111	.093	.079	.036	.030	.026		
7.0	.316	.254	.211	.272	.221	.184	.188	.155	.130	.109	.091	.078	.035	.030	.026		
8.0	.309	.249	.207	.266	.216	.181	.184	.152	.128	.107	.089	.076	.035	.029	.025		
9.0	.303	.244	.204	.261	.212	.178	.181	.149	.127	.105	.088	.075	.034	.029	.025		
10.0	.297	.240	.202	.256	.208	.176	.178	.147	.125	.104	.087	.075	.034	.028	.025		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:24.9DEG
 Operators:Alan Wang
 Test Date:27 December 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity:41.5%
 Test Distance:2.500m [K=1.0250]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.2502A P:26.12W PF:0.8700 Freq:60.00Hz Lamp Flux:2084.8lx1 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		18.9	20.2	19.5	20.8	21.4	21.9	23.3	22.5	23.8	24.5
3H		20.3	21.5	20.9	22.1	22.8	24.8	26.0	25.4	26.6	27.3
4H		20.8	21.9	21.4	22.6	23.3	26.3	27.5	27.0	28.1	28.8
6H		21.1	22.2	21.8	22.9	23.6	28.1	29.2	28.7	29.8	30.5
8H		21.2	22.3	21.9	22.9	23.7	29.0	30.1	29.7	30.7	31.5
12H		21.2	22.3	21.9	22.9	23.7	30.1	31.2	30.8	31.8	32.6
4H 2H		20.3	21.5	20.9	22.1	22.8	22.4	23.6	23.1	24.2	24.9
3H		22.0	23.0	22.7	23.7	24.5	25.5	26.6	26.2	27.2	28.0
4H		22.8	23.7	23.4	24.4	25.2	27.3	28.3	28.0	28.9	29.7
6H		23.3	24.1	24.0	24.8	25.7	29.3	30.1	30.0	30.8	31.7
8H		23.5	24.3	24.2	25.0	25.8	30.4	31.2	31.1	31.9	32.7
12H		23.6	24.3	24.3	25.0	25.9	31.6	32.4	32.4	33.1	34.0
8H 4H		24.2	24.9	24.9	25.7	26.5	27.6	28.4	28.4	29.1	30.0
6H		25.2	25.9	26.0	26.6	27.5	29.9	30.6	30.7	31.3	32.2
8H		25.6	26.2	26.4	27.0	27.9	31.3	31.9	32.0	32.6	33.5
12H		25.9	26.5	26.7	27.2	28.2	32.8	33.3	33.6	34.1	35.0
12H 4H		24.6	25.4	25.4	26.1	27.0	27.7	28.4	28.4	29.1	30.0
6H		26.0	26.6	26.7	27.3	28.2	30.1	30.6	30.8	31.4	32.3
8H		26.6	27.1	27.4	27.9	28.9	31.5	32.0	32.3	32.8	33.7
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, 2085 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 2.6$)
Area: 0.0354 m²

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24.9DEG
Operators:Alan Wang
Test Date:27 December 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity:41.5%
Test Distance:2.500m [K=1.0250]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.2502A P:26.12W PF:0.8700 Freq:60.00Hz Lamp Flux:2084.81x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:

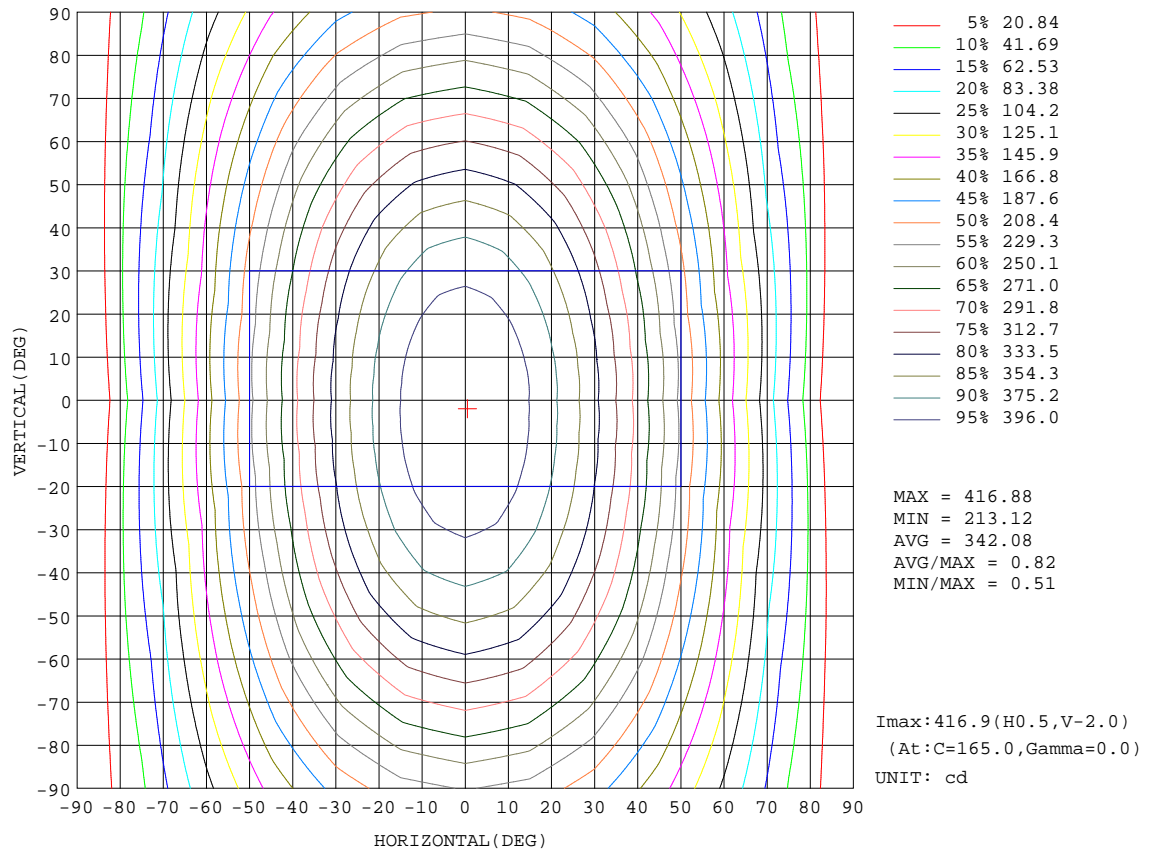
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	46	34	27	45	33	26	43	32	26	19
0.80	55	42	34	54	41	34	50	40	33	25
1.00	63	50	41	61	49	41	57	49	39	30
1.25	70	57	48	67	55	47	62	53	45	35
1.50	75	63	54	72	61	53	67	57	50	39
2.00	82	71	63	79	69	61	73	64	58	45
2.50	87	76	68	83	74	66	76	68	62	49
3.00	91	81	73	87	78	71	79	72	67	52
4.00	95	87	80	91	84	78	83	77	72	57
5.00	98	91	85	94	88	82	86	81	76	59
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: 24.9DEG
 Operators: Alan Wang
 Test Date: 27 December 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 41.5%
 Test Distance: 2.500m [K=1.0250]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.2502A P:26.12W PF:0.8700 Freq:60.00Hz Lamp Flux:2084.81x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:



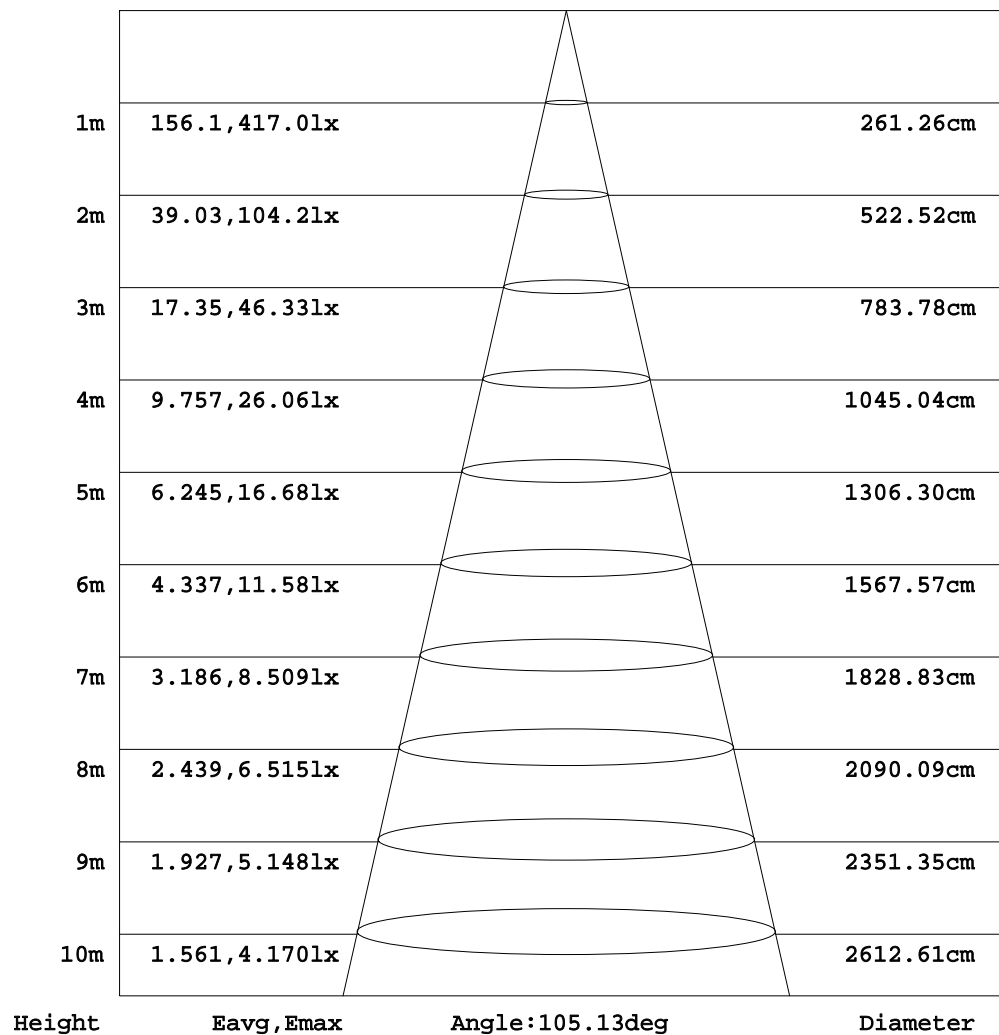
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.9DEG
 Operators: Alan Wang
 Test Date: 27 December 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 41.5%
 Test Distance: 2.500m [K=1.0250]
 Remarks:

AAI Figure

Test:U:120.0V I:0.2502A P:26.12W PF:0.8700 Freq:60.00Hz Lamp Flux:2084.81x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:

Flux out:863.7 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: 24.9DEG

Operators: Alan Wang

Test Date: 27 December 2024

 γ Range: 0 - 180DEG γ Interval: 1.0DEG

Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416

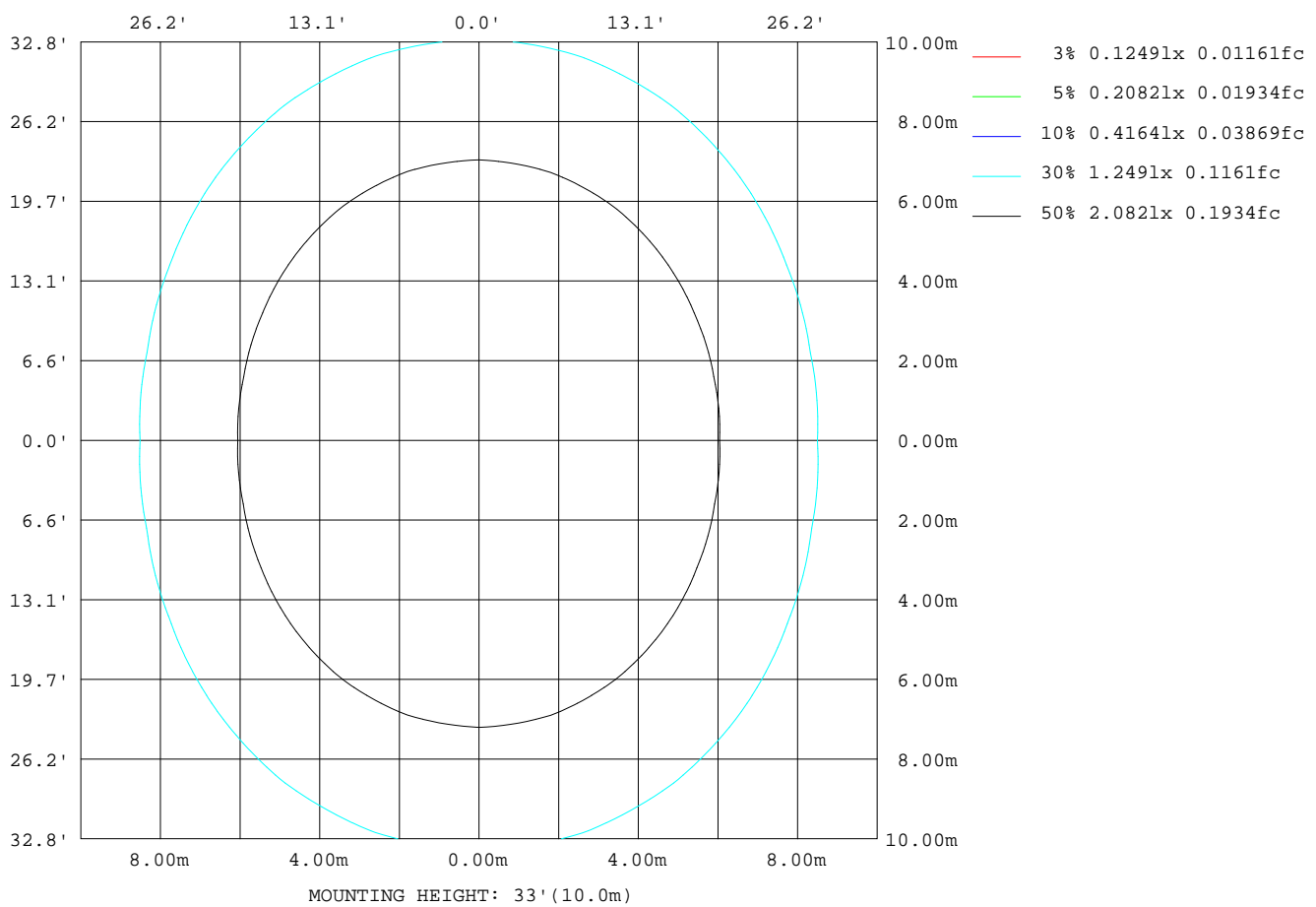
Humidity: 41.5%

Test Distance: 2.500m [K=1.0250]

Remarks:

ISOLUX DIAGRAM

Test:U:120.0V I:0.2502A P:26.12W PF:0.8700 Freq:60.00Hz Lamp Flux:2084.81x1 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: 24.9DEG
 Operators: Alan Wang
 Test Date: 27 December 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 41.5%
 Test Distance: 2.500m [K=1.0250]
 Remarks:

LED Avg.L Report

Test:U:120.0V I:0.2502A P:26.12W PF:0.8700 Freq:60.00Hz Lamp Flux:2084.81x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:

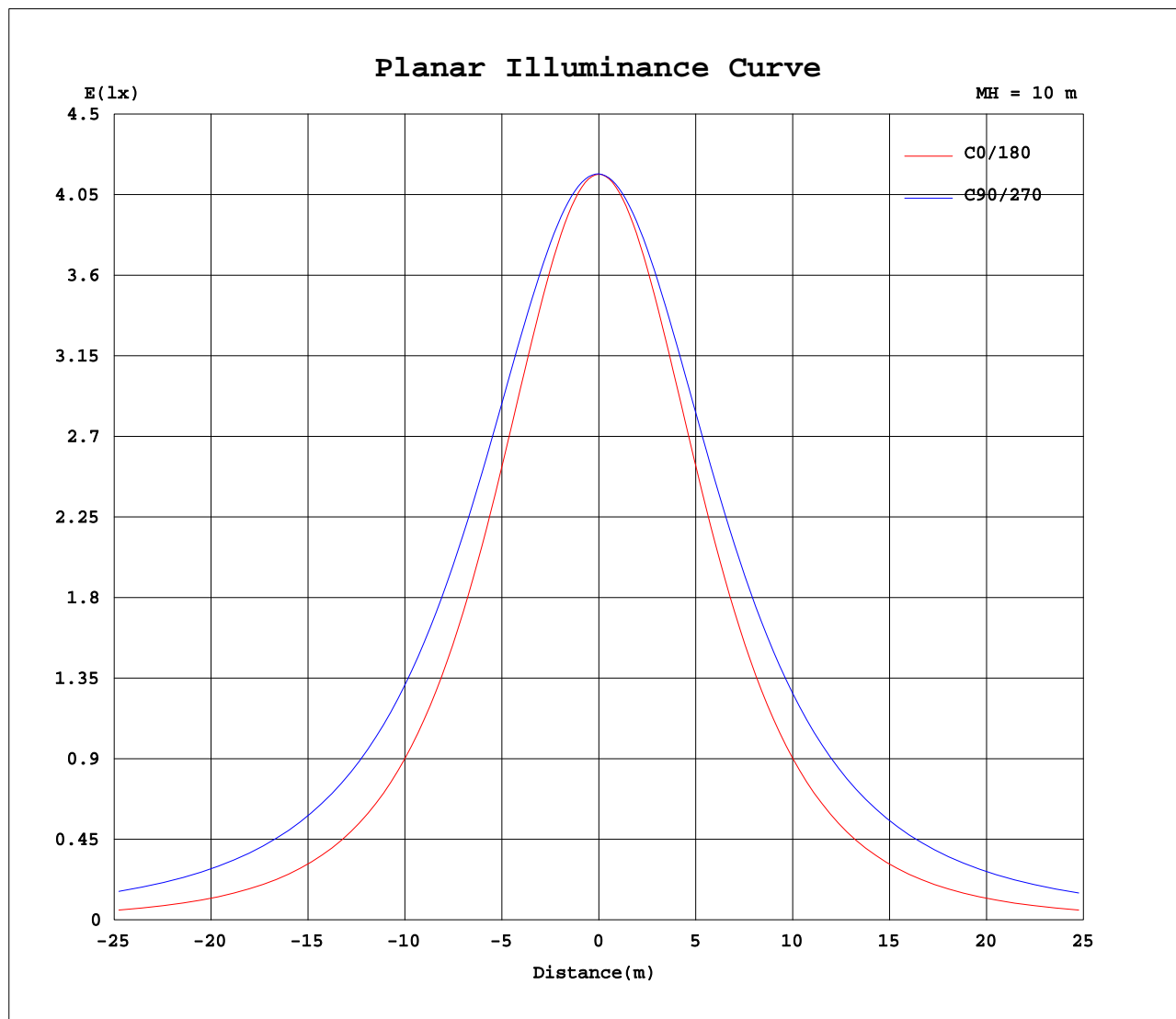
AvgL	cd/m2
L_0~180(65)av	8381
L_0~180(75)av	6645
L_0~180(85)av	3109
L_90~270(65)av	20432
L_90~270(75)av	29713
L_90~270(85)av	77243
L_45(65)av	15741
L_45(75)av	21515
L_45(85)av	52871

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24.9DEG
Operators:Alan Wang
Test Date:27 December 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity:41.5%
Test Distance:2.500m [K=1.0250]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 24.9DEG
Operators: Alan Wang
Test Date: 27 December 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 41.5%
Test Distance: 2.500m [K=1.0250]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.2502A P:26.12W PF:0.8700 Freq:60.00Hz Lamp Flux:2084.81x1 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	416	416	416	417	416	417	417	417	417	417	417	417	416	416	416	417	416	417	417
5	414	414	415	415	416	417	417	417	416	416	415	415	414	414	414	415	415	416	416
10	407	408	409	411	413	415	416	415	414	412	410	408	407	407	409	410	411	413	413
15	395	397	400	404	409	412	413	412	409	405	401	398	396	397	399	403	406	409	409
20	380	382	388	395	402	408	410	408	403	396	388	383	380	382	387	393	399	403	404
25	360	364	373	384	394	402	405	402	394	384	373	364	361	364	371	380	389	396	398
30	338	343	355	370	384	395	399	395	384	370	355	343	338	342	352	366	379	388	390
35	312	319	334	354	373	387	391	386	373	354	334	319	313	318	332	349	366	378	381
40	284	293	313	337	360	376	382	376	360	336	312	292	285	292	310	332	352	366	370
45	255	265	289	319	346	365	371	364	345	318	288	264	255	264	286	313	337	353	358
50	224	236	265	300	331	352	359	351	330	299	264	235	224	235	262	293	320	338	344
55	192	207	241	281	315	338	345	337	314	279	239	205	191	205	237	273	303	323	329
60	159	177	217	261	298	322	330	321	297	259	215	175	158	175	213	253	286	307	313
65	126	148	194	241	281	306	315	305	279	239	191	146	125	146	189	232	268	290	297
70	92.7	120	171	222	263	290	298	289	262	220	169	117	92.2	119	166	213	250	273	280
75	61.0	93.9	150	204	246	273	281	272	244	201	148	91.6	60.8	92.9	145	194	232	256	263
80	32.2	71.0	131	186	229	256	265	255	227	184	129	68.6	32.2	70.5	126	176	215	238	246
85	9.59	52.8	115	170	212	239	248	238	211	168	112	50.6	9.59	52.4	109	160	198	222	229
90	0.44	40.4	101	155	196	222	231	221	195	153	98.3	38.5	0.46	39.9	95.2	144	182	205	212
95	1.10	33.1	88.7	141	181	206	214	205	180	139	86.7	31.6	1.11	32.1	83.4	131	167	189	196
100	2.06	28.3	79.3	128	166	190	198	190	165	126	77.5	27.1	2.05	27.1	73.9	118	152	173	180
105	3.44	24.2	71.1	117	152	175	182	174	151	115	69.6	23.1	3.42	22.6	65.8	107	139	159	165
110	5.33	20.9	63.6	106	139	160	167	159	138	104	62.4	20.1	5.23	18.9	58.2	96.2	126	145	150
115	7.80	20.4	56.9	95.0	126	145	152	145	125	93.9	55.9	19.9	7.54	18.0	51.3	85.9	113	131	136
120	10.4	21.0	50.8	84.9	113	131	137	130	112	84.1	50.0	20.6	10.0	18.0	45.1	76.2	101	117	122
125	12.8	22.0	45.1	75.4	100	116	122	116	99.8	74.8	44.6	21.7	12.6	17.9	39.4	67.0	89.2	103	108
130	15.2	23.1	41.2	66.4	88.1	102	107	102	87.8	66.0	40.8	22.8	14.9	17.9	35.9	58.3	77.9	90.4	94.4
135	17.2	23.9	38.4	57.8	76.6	89.0	93.4	88.8	76.5	57.7	38.2	23.7	16.9	20.0	33.2	50.2	67.0	77.9	81.4
140	19.2	24.7	36.1	51.1	65.8	76.3	79.9	76.3	65.7	50.9	36.0	24.5	18.9	20.2	30.8	44.1	56.7	66.0	69.1
145	21.0	25.3	34.3	45.7	56.5	64.4	67.4	64.4	56.5	45.6	34.2	25.2	20.7	21.3	27.6	39.0	48.5	55.2	57.6
150	22.5	25.8	32.8	41.1	49.3	55.1	57.2	55.1	49.4	41.2	32.7	25.8	22.3	21.3	24.5	34.6	41.8	46.9	48.8
155	23.5	26.3	31.6	37.5	43.3	47.5	49.1	47.6	43.4	37.5	31.5	26.3	23.6	20.8	26.5	30.2	36.1	40.0	41.6
160	24.0	26.4	30.6	34.5	38.3	41.1	42.1	41.1	38.4	34.6	30.6	26.0	24.7	20.8	26.0	27.4	31.7	34.6	36.1
165	21.8	23.8	29.8	32.1	34.3	35.9	36.5	36.0	34.4	32.2	29.0	23.0	22.4	20.1	23.0	27.2	27.6	30.5	31.7
170	17.9	18.6	25.9	29.7	31.1	31.9	32.2	31.9	30.8	25.0	20.9	18.2	17.9	17.7	17.2	19.5	23.9	26.7	27.9
175	15.0	15.1	15.9	17.7	25.5	27.7	26.4	24.7	16.2	14.9	14.8	14.8	14.8	14.8	14.6	14.5	14.3	15.3	18.4
180	22.8	22.3	20.5	16.4	15.0	4.92	0.00	9.53	12.7	17.9	20.4	22.5	21.3	21.3	20.8	19.1	16.4	12.4	7.74

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:24.9DEG

Operators:Alan Wang

Test Date:27 December 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416

Humidity:41.5%

Test Distance:2.500m [K=1.0250]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.2502A P:26.12W PF:0.8700 Freq:60.00Hz Lamp Flux:2084.81x1 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	417	417	417	417	417														
5	415	415	415	414	415														
10	413	411	410	408	408														
15	408	406	402	399	397														
20	402	398	392	386	382														
25	395	388	379	370	363														
30	387	377	364	351	341														
35	376	364	347	330	317														
40	364	350	329	307	291														
45	351	334	310	284	263														
50	337	318	290	259	234														
55	321	300	269	234	203														
60	305	283	249	210	174														
65	288	264	229	185	144														
70	271	247	209	162	116														
75	254	229	190	141	89.6														
80	237	212	172	122	66.5														
85	220	195	156	105	48.0														
90	203	179	141	90.7	35.5														
95	187	164	127	79.1	28.1														
100	172	150	114	69.7	23.4														
105	157	136	103	61.9	19.1														
110	143	124	92.9	54.5	16.2														
115	130	111	82.8	48.0	15.5														
120	116	99.2	73.4	42.1	16.2														
125	102	87.5	64.5	36.8	17.1														
130	89.5	76.3	56.2	33.5	18.1														
135	77.1	65.6	48.4	31.0	19.0														
140	65.5	55.7	42.5	29.4	19.2														
145	55.0	47.9	37.9	27.3	19.6														
150	47.0	42.0	34.8	27.2	21.1														
155	40.7	37.6	33.0	27.7	22.7														
160	35.9	34.2	31.4	27.7	24.1														
165	31.9	31.2	29.9	27.9	24.8														
170	28.9	28.9	28.4	26.1	20.3														
175	23.5	25.1	22.0	16.7	15.1														
180	0.00	7.50	12.3	16.7	19.4														

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:24.9DEG

Operators:Alan Wang

Test Date:27 December 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416

Humidity:41.5%

Test Distance:2.500m [K=1.0250]

Remarks: