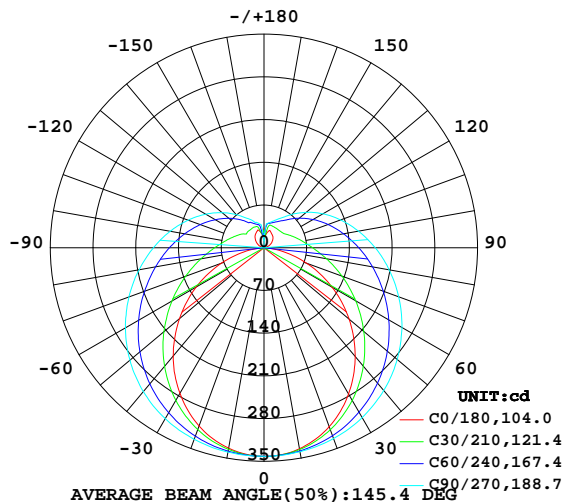


LUMINAIRE PHOTOMETRIC TEST REPORT

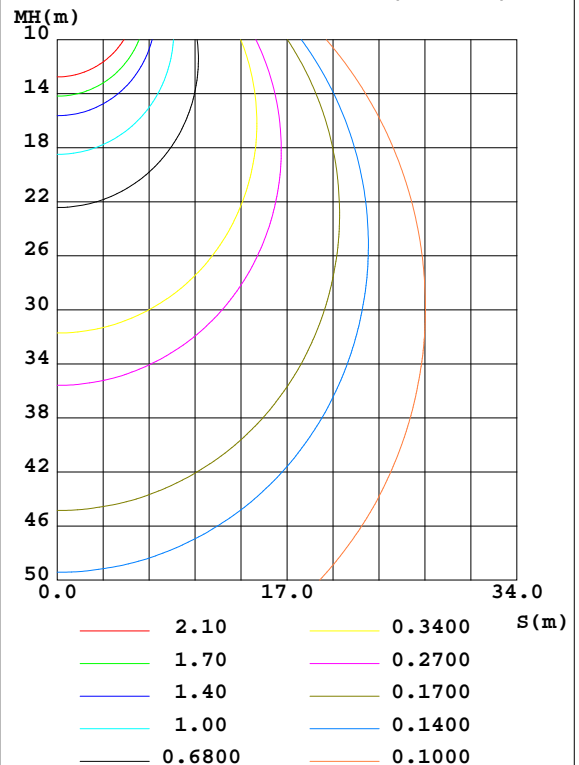
Test:U:120.0V I:0.2446A P:25.64W PF:0.8737 Freq:60.00Hz Lamp Flux:1735.38x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 67.68 lm/W			
MODEL	C06018301A	Imax(cd)	342.1	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)	1735.4	η UP,DN(C0-180)	12.3,37.7
NOMINAL FLUX(lm)	1735.38	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	12.2,37.9
LAMPS INSIDE	1	η up(%)	24.4	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down(%)	75.6	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	334.4	337.1	339.4	336.2	333.5	336.8	340.0	337.2	0- 10	32.39	32.39	1.87,1.87
20	312.1	322.8	332.7	321.3	310.8	323.1	334.0	323.3	10- 20	93.43	125.8	7.25,7.25
30	276.9	300.5	321.4	298.3	275.4	300.9	323.5	300.8	20- 30	143.9	269.8	15.5,15.5
40	232.6	272.1	305.3	269.4	231.3	273.1	307.6	272.1	30- 40	179.0	448.7	25.9,25.9
50	182.3	240.5	284.8	237.6	180.8	241.6	286.7	240.1	40- 50	196.2	645.0	37.2,37.2
60	128.6	207.4	261.0	204.7	127.8	208.2	262.1	206.0	50- 60	196.1	841.1	48.5,48.5
70	74.45	175.8	234.8	173.0	74.27	176.2	235.5	173.5	60- 70	181.6	1023	58.9,58.9
80	25.43	147.2	208.2	144.5	25.56	147.4	207.6	144.1	70- 80	157.6	1180	68,68
90	0.1466	122.7	182.3	120.3	0.1908	122.9	181.2	119.4	80- 90	131.0	1311	75.6,75.6
100	2.115	102.4	157.3	100.4	2.197	102.5	156.2	99.29	90-100	108.5	1420	81.8,81.8
110	6.668	85.45	133.7	83.85	6.608	85.43	132.5	82.66	100-110	88.70	1509	86.9,86.9
120	13.05	70.79	111.5	69.88	11.91	70.85	110.3	68.73	110-120	70.66	1579	91,91
130	18.23	58.35	90.44	57.96	17.67	58.25	89.63	56.89	120-130	54.47	1634	94.1,94.1
140	22.94	49.16	71.56	49.16	22.99	46.13	70.95	48.19	130-140	40.38	1674	96.5,96.5
150	25.92	44.12	56.55	44.22	27.06	42.42	55.98	44.12	140-150	28.62	1703	98.1,98.1
160	29.63	41.23	47.12	41.53	30.73	39.11	44.49	42.18	150-160	19.25	1722	99.2,99.2
170	23.63	39.23	41.22	30.68	24.05	27.79	39.65	39.84	160-170	10.75	1733	99.8,99.8
180	32.56	21.70	0	27.94	30.21	26.92	12.05	17.60	170-180	2.702	1735	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 545.85 lm

%lum = 31.5%

%lamp = 31.5%

Conical surface Flux(120deg): 841.08 lm

%lum = 48.5%

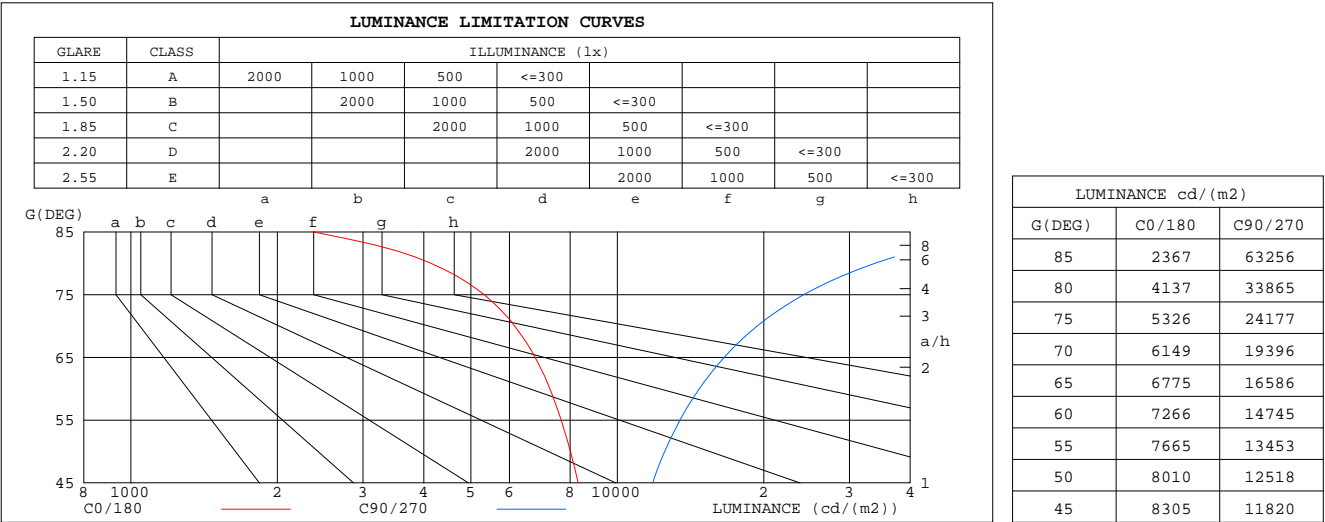
%lamp = 48.5%

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:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.2446A P:25.64W PF:0.8737 Freq:60.00Hz Lamp Flux:1735.38x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:



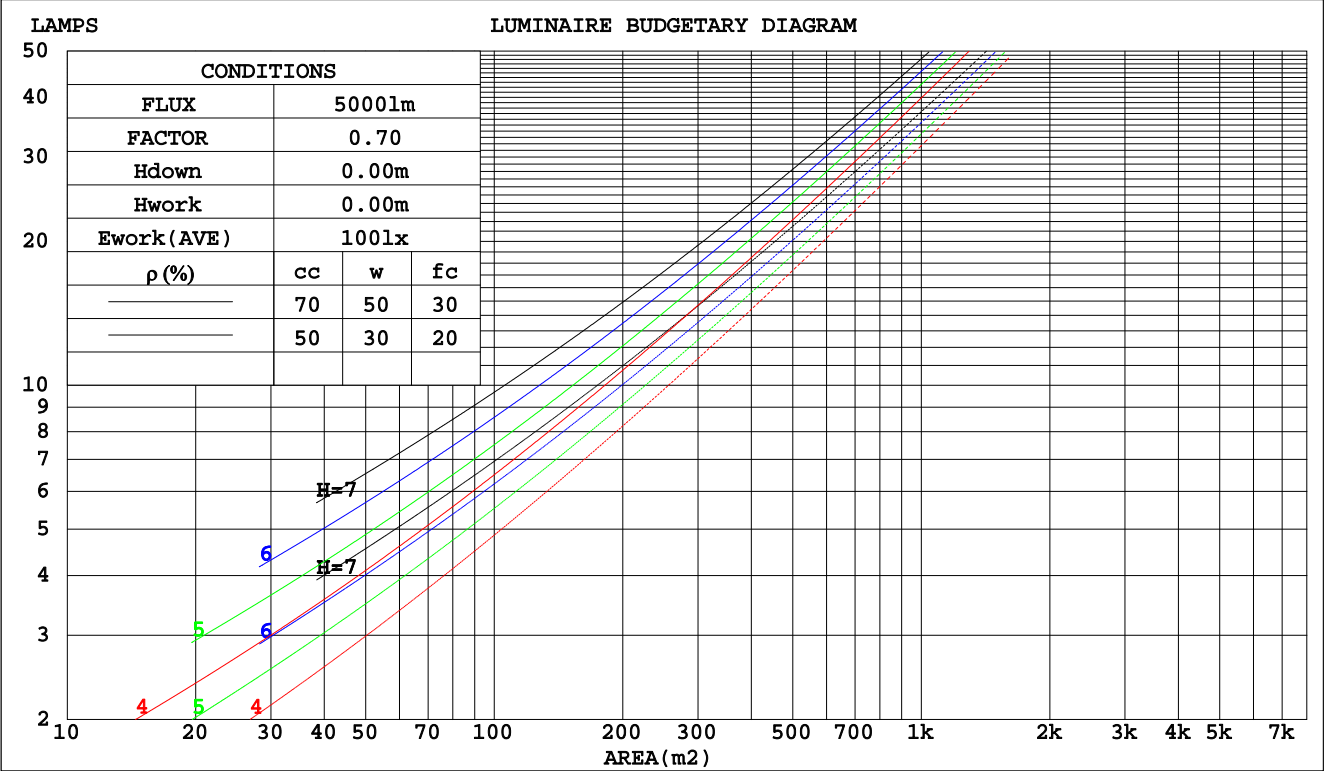
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24.7DEG
Operators:Alan Wang
Test Date:26 December 2024

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:0.2446A P:25.64W PF:0.8737 Freq:60.00Hz Lamp Flux:1735.38x1 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	1.08	1.08	1.08	.98	.98	.98	.88	.88	.88	.80	.80	.80	.76
1.0	.94	.89	.84	.89	.85	.80	.81	.77	.73	.73	.70	.67	.65	.63	.61	.57
2.0	.80	.73	.66	.76	.69	.63	.69	.63	.58	.62	.57	.53	.55	.52	.49	.45
3.0	.70	.61	.54	.66	.58	.52	.60	.53	.48	.54	.48	.44	.48	.44	.40	.37
4.0	.61	.52	.45	.58	.50	.43	.53	.46	.40	.47	.42	.37	.43	.38	.34	.31
5.0	.54	.45	.38	.52	.43	.37	.47	.40	.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	.23
7.0	.44	.35	.29	.42	.34	.28	.38	.31	.26	.35	.28	.24	.31	.26	.22	.20
8.0	.40	.31	.25	.38	.30	.24	.35	.28	.23	.32	.26	.21	.29	.24	.20	.17
9.0	.36	.28	.22	.35	.27	.22	.32	.25	.20	.29	.23	.19	.26	.21	.18	.16
10.0	.33	.25	.20	.32	.25	.20	.29	.23	.18	.27	.21	.17	.24	.20	.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:0.2446A P:25.64W PF:0.8737 Freq:60.00Hz Lamp Flux:1735.38x1 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	.210	.067	.341	.196	.063	.316	.182	.059	.293	.170	.055		
2.0	.331	.181	.056	.317	.175	.054	.292	.163	.051	.269	.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	.031	.210	.106	.031	.193	.099	.029	.177	.092	.027	.162	.085	.025		
7.0	.202	.100	.028	.194	.097	.028	.178	.090	.026	.164	.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	.155	.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	.377	.377	.377	.322	.322	.322	.220	.220	.220	.126	.126	.126	.040	.040	.040	
1.0	.373	.343	.316	.319	.295	.272	.218	.203	.188	.126	.117	.109	.040	.038	.035	
2.0	.366	.321	.282	.314	.276	.244	.215	.191	.170	.124	.111	.100	.040	.036	.033	
3.0	.359	.304	.261	.308	.263	.226	.211	.182	.159	.122	.107	.094	.039	.035	.031	
4.0	.351	.292	.247	.301	.252	.215	.207	.176	.151	.120	.103	.089	.039	.034	.029	
5.0	.344	.282	.237	.295	.244	.206	.203	.171	.146	.118	.100	.086	.038	.033	.029	
6.0	.336	.275	.230	.289	.238	.201	.199	.166	.142	.116	.098	.084	.037	.032	.028	
7.0	.329	.268	.225	.283	.232	.196	.196	.163	.139	.114	.096	.083	.037	.031	.027	
8.0	.323	.263	.221	.278	.228	.193	.192	.160	.137	.112	.094	.082	.036	.031	.027	
9.0	.317	.258	.218	.273	.224	.190	.189	.157	.135	.110	.093	.081	.036	.031	.027	
10.0	.311	.254	.216	.268	.220	.188	.186	.155	.134	.108	.092	.080	.035	.030	.026	

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:0.2446A P:25.64W PF:0.8737 Freq:60.00Hz Lamp Flux:1735.38x1 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	2H	18.0	19.3	18.6	19.9	20.6	20.9	22.2	21.5	22.8	23.5
	3H	19.3	20.5	20.0	21.2	21.9	23.7	24.9	24.4	25.5	26.3
	4H	19.9	21.0	20.5	21.6	22.4	25.3	26.4	25.9	27.1	27.8
	6H	20.2	21.3	20.8	21.9	22.7	27.0	28.1	27.7	28.8	29.5
	8H	20.3	21.3	20.9	22.0	22.8	28.0	29.0	28.7	29.7	30.5
	12H	20.3	21.3	21.0	22.0	22.8	29.1	30.1	29.8	30.8	31.6
4H	2H	19.4	20.5	20.0	21.1	21.9	21.4	22.6	22.1	23.2	24.0
	3H	21.1	22.0	21.7	22.7	23.5	24.5	25.5	25.2	26.2	27.0
	4H	21.8	22.7	22.5	23.4	24.2	26.3	27.2	27.0	27.9	28.7
	6H	22.3	23.1	23.0	23.9	24.7	28.2	29.1	29.0	29.8	30.6
	8H	22.5	23.3	23.2	24.0	24.9	29.3	30.1	30.1	30.8	31.7
	12H	22.6	23.3	23.3	24.0	24.9	30.6	31.3	31.3	32.0	32.9
8H	4H	23.2	23.9	23.9	24.7	25.5	26.6	27.4	27.3	28.1	29.0
	6H	24.2	24.8	25.0	25.6	26.5	28.9	29.5	29.6	30.3	31.2
	8H	24.6	25.2	25.4	26.0	26.9	30.2	30.8	31.0	31.6	32.5
	12H	24.9	25.4	25.7	26.2	27.2	31.7	32.2	32.5	33.0	34.0
12H	4H	23.6	24.3	24.4	25.1	26.0	26.6	27.3	27.4	28.1	29.0
	6H	24.9	25.5	25.7	26.3	27.2	29.0	29.6	29.8	30.4	31.3
	8H	25.6	26.1	26.4	26.9	27.9	30.4	30.9	31.2	31.7	32.7
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, 1735 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 1.9$)
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:0.2446A P:25.64W PF:0.8737 Freq:60.00Hz Lamp Flux:1735.38x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:

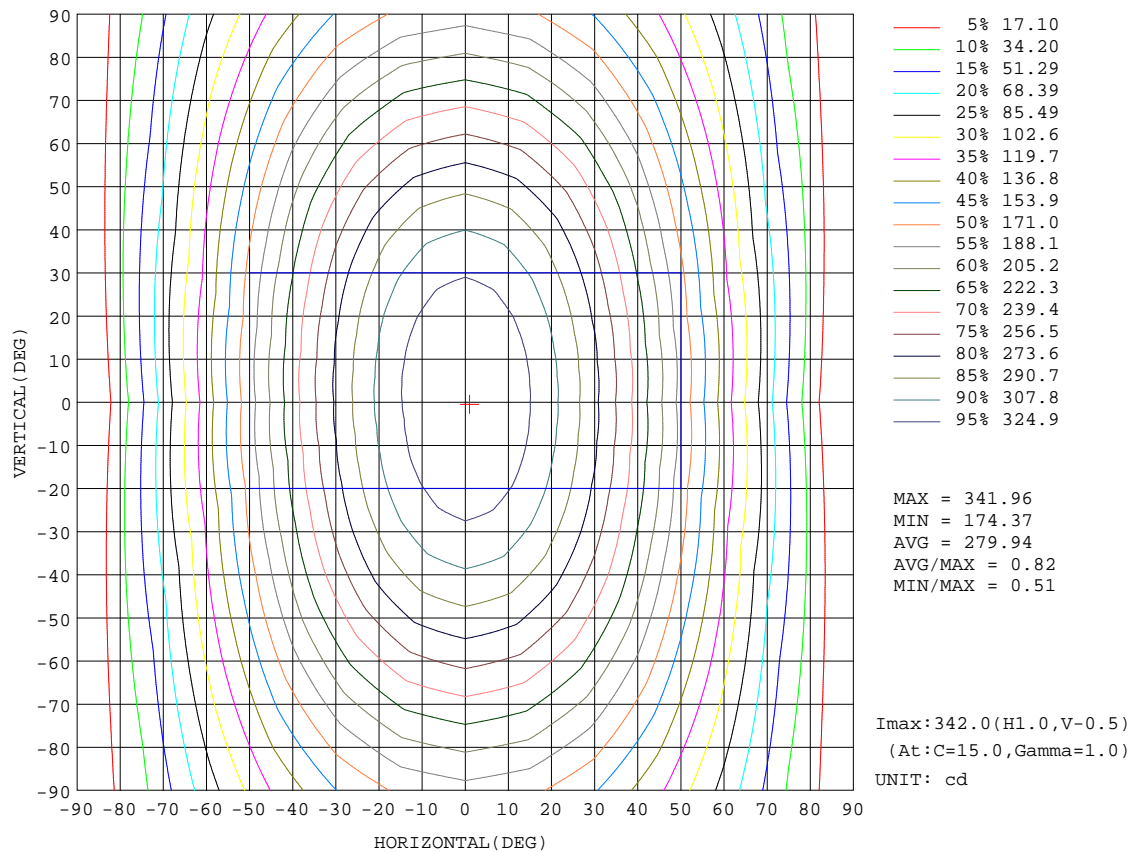
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	46	34	26	45	33	26	42	32	25	19
0.80	55	42	34	53	41	33	50	39	32	24
1.00	63	50	41	60	48	40	56	48	39	30
1.25	70	57	48	67	55	47	62	52	45	35
1.50	75	62	54	72	60	52	66	57	50	38
2.00	82	71	62	78	68	60	72	64	57	44
2.50	86	76	68	83	73	66	75	68	62	48
3.00	90	81	73	86	78	71	78	72	66	51
4.00	95	87	80	91	83	77	82	77	72	55
5.00	98	91	85	93	87	82	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:0.2446A P:25.64W PF:0.8737 Freq:60.00Hz Lamp Flux:1735.38x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:



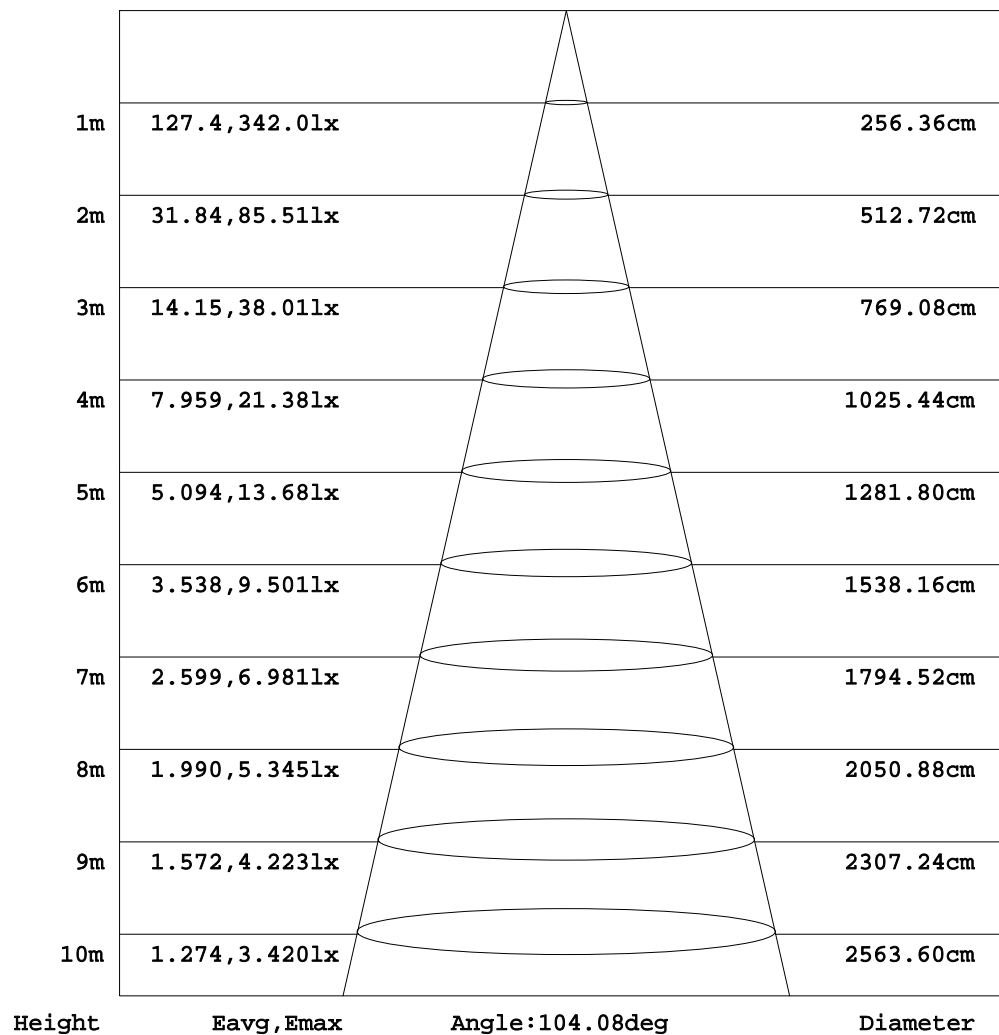
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.7DEG
 Operators: Alan Wang
 Test Date: 26 December 2024

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:0.2446A P:25.64W PF:0.8737 Freq:60.00Hz Lamp Flux:1735.38x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:

Flux out:704.6 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

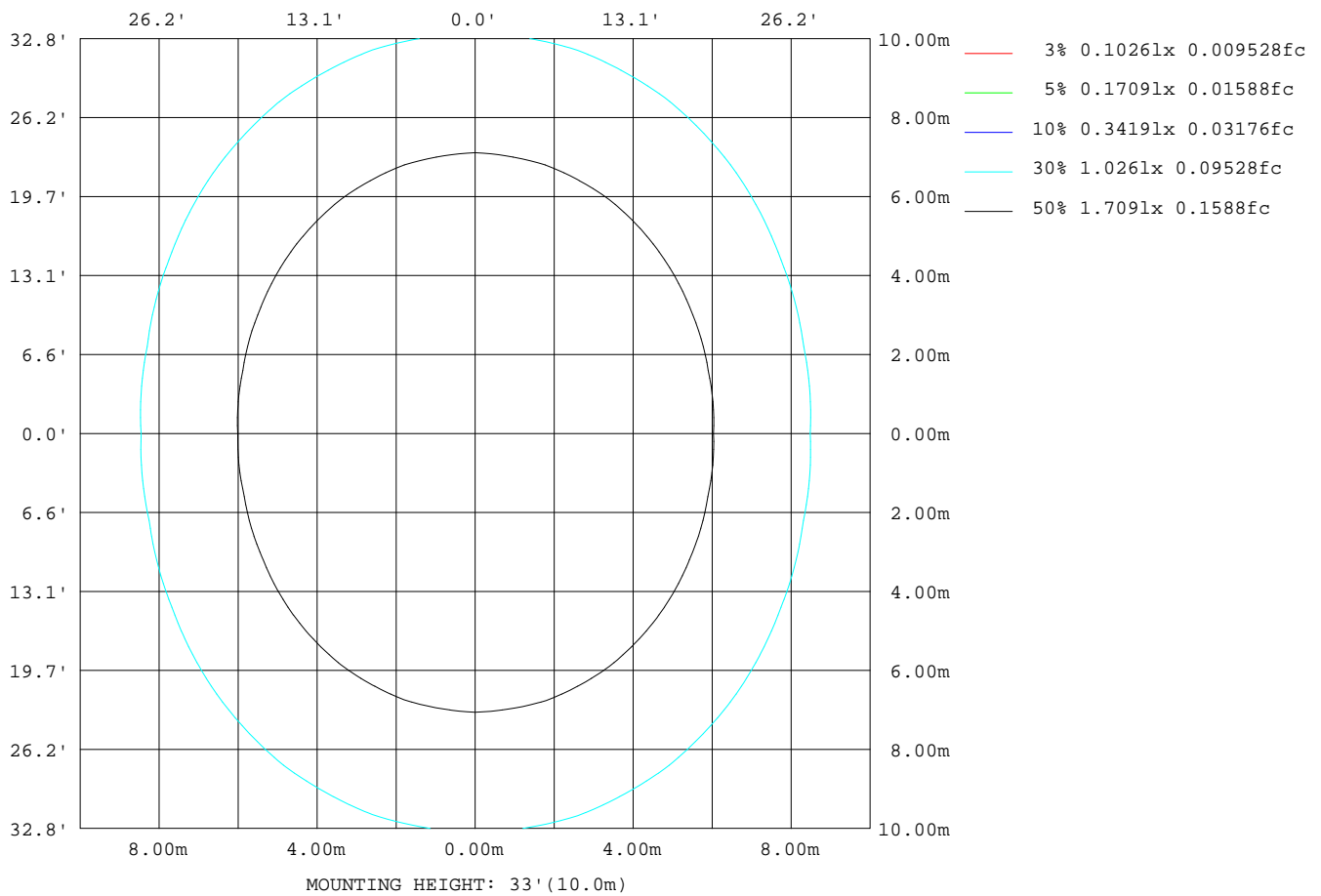
Humidity: 41.3%

Test Distance: 2.500m [K=1.0250]

Remarks:

ISOLUX DIAGRAM

Test:U:120.0V I:0.2446A P:25.64W PF:0.8737 Freq:60.00Hz Lamp Flux:1735.38x1 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:0.2446A P:25.64W PF:0.8737 Freq:60.00Hz Lamp Flux:1735.38x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:

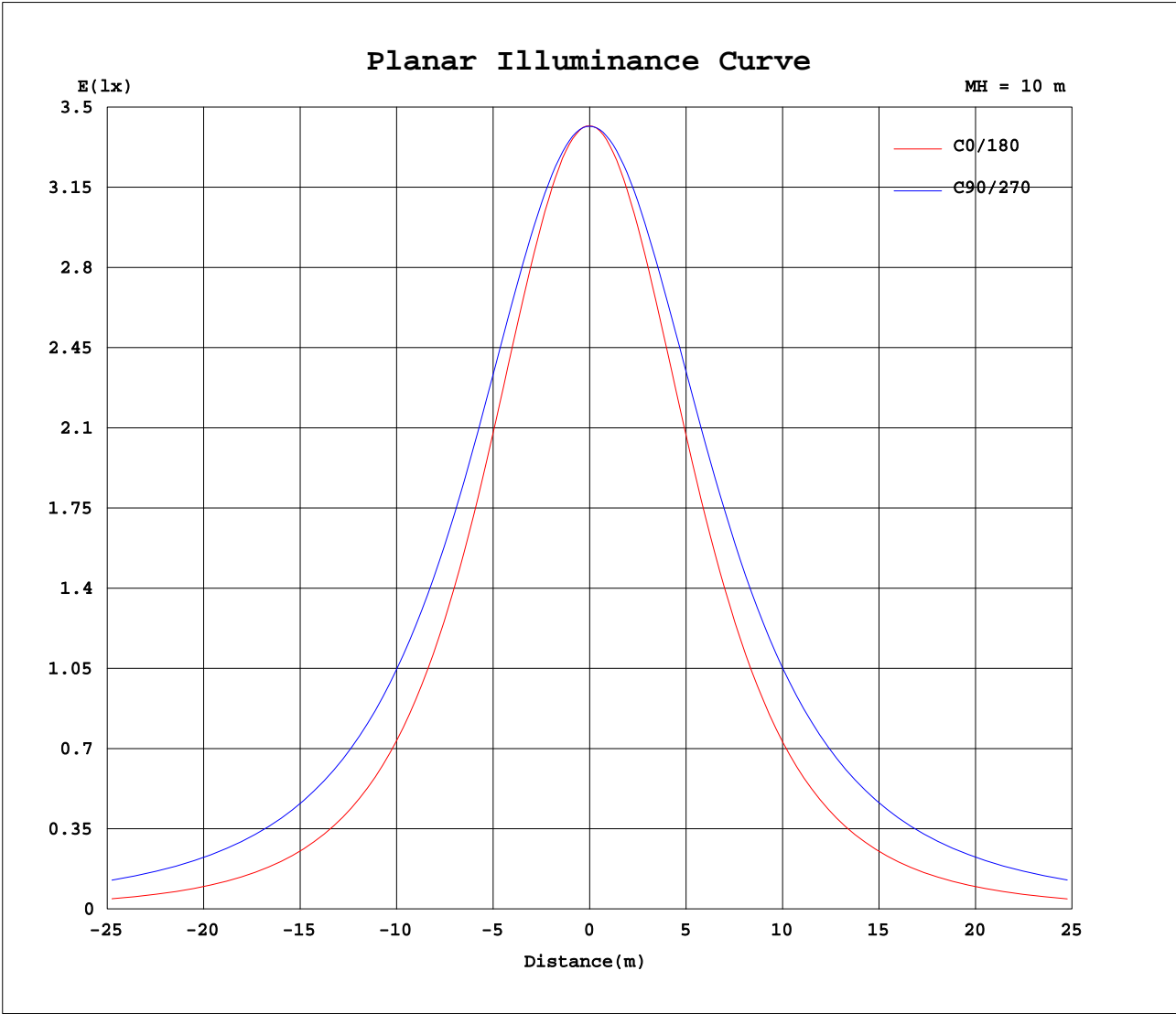
AvgL	cd/m2
L_0~180(65)av	6759
L_0~180(75)av	5322
L_0~180(85)av	2364
L_90~270(65)av	16609
L_90~270(75)av	24182
L_90~270(85)av	63089
L_45(65)av	12724
L_45(75)av	17437
L_45(85)av	43109

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:0.2446A P:25.64W PF:0.8737 Freq:60.00Hz Lamp Flux:1735.38x1 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	342	342	342	342	342	342	342	342	342	342	341	342	342	342	342	342	342	342	342
5	340	340	340	341	341	341	341	341	341	340	340	339	340	340	340	341	341	341	341
10	334	335	336	337	338	339	339	339	338	336	335	333	334	334	335	337	338	339	340
15	325	326	328	331	334	336	337	335	333	330	327	324	324	325	328	331	334	336	338
20	312	313	317	323	328	332	333	331	327	321	316	311	311	313	317	323	328	332	334
25	296	298	304	312	320	326	328	325	319	311	302	296	295	297	304	313	321	327	330
30	277	280	289	300	311	319	321	318	310	298	286	278	275	279	289	301	312	320	324
35	256	260	272	287	301	311	314	310	299	284	269	257	254	260	272	288	302	312	316
40	233	238	253	272	290	302	305	300	288	269	250	235	231	238	253	273	291	303	308
45	208	215	233	257	277	291	296	290	275	254	231	212	206	215	234	258	279	293	298
50	182	191	213	240	264	280	285	278	262	238	210	188	181	191	214	242	265	281	287
55	156	167	193	224	250	267	273	266	248	221	190	164	155	167	194	225	252	269	275
60	129	142	173	207	236	255	261	253	234	205	170	139	128	142	174	208	237	256	262
65	101	118	154	191	222	241	248	240	220	189	151	115	101	119	155	192	223	242	249
70	74.4	96.2	136	176	208	228	235	227	206	173	133	92.5	74.3	96.5	137	176	208	229	236
75	48.8	74.4	119	161	194	215	222	214	192	158	116	71.3	48.7	75.7	120	161	194	215	222
80	25.4	56.1	104	147	181	202	208	200	179	145	101	53.1	25.6	57.7	105	147	181	201	208
85	7.30	41.8	90.7	134	168	188	195	187	166	132	87.7	39.0	7.28	43.4	91.8	135	167	188	194
90	0.15	32.1	79.8	123	155	176	182	175	154	120	77.0	29.6	0.19	33.6	80.8	123	155	175	181
95	0.74	26.5	71.0	112	144	163	170	162	142	110	68.4	24.4	0.85	27.8	71.9	112	143	162	169
100	2.11	22.8	63.7	102	132	151	157	150	131	100	61.5	21.1	2.20	24.0	64.5	102	132	150	156
105	4.06	20.0	57.6	93.6	122	139	145	139	121	91.7	55.7	18.7	4.14	21.1	58.3	93.7	121	139	144
110	6.67	18.3	52.3	85.4	112	128	134	128	111	83.9	50.7	17.5	6.61	19.3	52.9	85.4	111	127	133
115	9.90	19.2	47.8	77.9	102	117	122	117	101	76.5	46.5	18.7	9.49	19.5	48.3	77.8	102	116	121
120	13.0	21.0	43.9	70.8	92.8	107	112	106	91.9	69.9	42.9	20.7	11.9	20.9	44.3	70.9	92.3	106	110
125	15.7	23.1	40.5	64.3	83.8	96.1	101	96.3	83.3	63.7	40.0	23.0	14.8	22.9	39.7	64.4	83.5	95.7	99.7
130	18.2	25.2	39.0	58.4	75.5	86.7	90.4	86.4	75.1	58.0	38.7	24.8	17.7	25.5	37.1	58.2	75.3	86.1	89.6
135	20.8	27.2	38.2	52.9	67.6	77.4	80.8	77.2	67.5	52.8	38.1	26.8	20.3	27.6	37.6	52.4	67.3	77.0	80.1
140	22.9	29.0	37.9	49.2	60.3	68.6	71.6	68.6	60.4	49.2	37.8	28.6	23.0	29.5	37.3	46.1	59.9	68.3	71.0
145	24.5	30.8	37.8	46.3	54.7	60.7	63.1	60.7	54.7	46.4	37.9	29.6	25.3	30.7	37.2	45.1	53.0	60.2	62.6
150	25.9	32.6	37.8	44.1	50.3	54.8	56.6	54.9	50.5	44.2	37.5	31.6	27.1	31.8	37.7	42.4	48.0	53.9	56.0
155	27.5	34.1	38.0	42.6	46.9	50.1	51.4	50.2	47.0	42.7	37.4	33.3	29.0	31.0	37.6	40.2	44.9	46.8	50.7
160	29.6	35.1	38.3	41.2	44.1	46.2	47.1	46.3	44.3	41.5	37.2	34.5	30.7	30.9	37.2	39.1	41.6	44.5	44.5
165	28.0	32.0	38.8	40.3	42.1	43.3	43.8	43.3	42.2	39.3	36.4	31.2	28.6	26.6	33.5	39.1	39.3	41.2	42.6
170	23.6	24.4	32.5	39.2	40.5	41.0	41.2	41.1	39.9	30.7	27.1	23.7	24.1	23.8	24.5	27.8	34.0	38.4	39.7
175	20.7	20.7	21.0	23.1	32.5	37.1	36.3	29.7	21.4	20.7	20.9	20.9	21.1	21.1	21.0	20.9	20.7	21.6	29.6
180	32.6	31.5	28.6	21.7	18.3	6.78	0.00	10.1	19.5	27.9	30.2	34.2	30.2	30.2	29.4	26.9	22.5	16.6	12.1

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:0.2446A P:25.64W PF:0.8737 Freq:60.00Hz Lamp Flux:1735.38x1 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	342	342	342	341	342														
5	341	341	341	340	340														
10	340	339	337	336	335														
15	337	334	331	328	326														
20	332	329	323	318	314														
25	327	321	313	305	299														
30	320	312	301	289	281														
35	312	302	287	272	261														
40	303	290	272	253	239														
45	292	278	257	234	215														
50	281	264	240	213	191														
55	268	250	223	192	166														
60	255	236	206	172	142														
65	241	221	190	152	117														
70	228	206	174	134	93.9														
75	214	192	158	116	72.5														
80	200	178	144	101	53.7														
85	187	165	131	87.5	38.9														
90	174	153	119	76.5	29.0														
95	161	141	109	67.7	23.6														
100	149	130	99.3	60.5	20.3														
105	137	119	90.5	54.7	17.8														
110	126	109	82.7	49.7	16.7														
115	115	99.8	75.4	45.4	17.9														
120	105	90.7	68.7	41.8	20.0														
125	94.9	82.2	62.6	38.8	22.3														
130	85.4	74.1	56.9	37.6	24.3														
135	76.3	66.5	51.7	37.1	25.8														
140	67.9	59.6	48.2	37.0	27.5														
145	60.2	54.1	45.8	37.3	29.3														
150	54.7	50.3	44.1	37.6	31.4														
155	50.1	47.4	43.2	38.3	33.5														
160	46.3	44.6	42.2	39.0	35.3														
165	41.2	42.3	40.9	39.2	35.6														
170	40.3	39.2	39.8	37.1	28.4														
175	36.1	35.7	30.3	22.2	20.2														
180	8.11	11.8	17.6	22.9	27.4														

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: