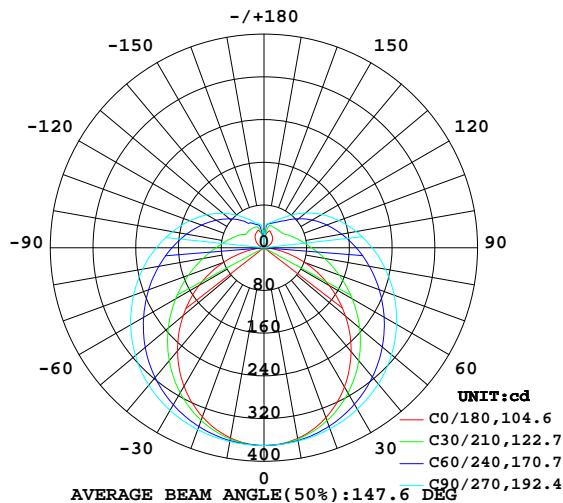


LUMINAIRE PHOTOMETRIC TEST REPORT

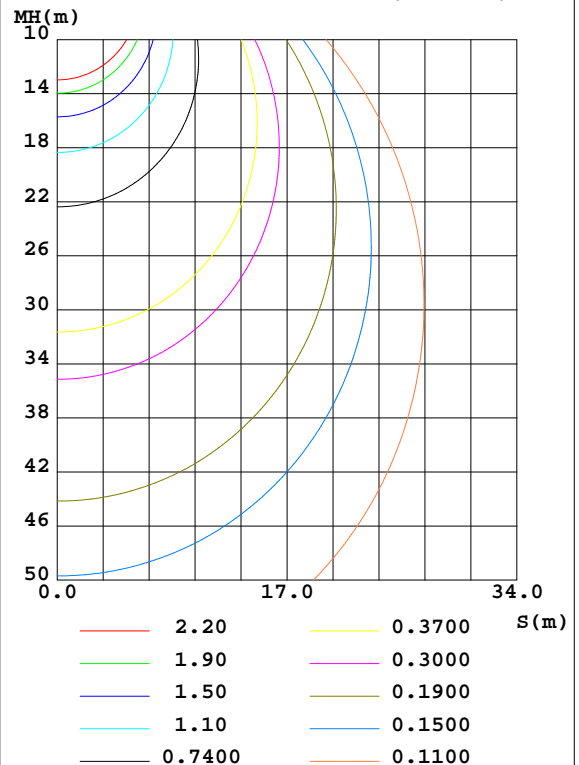
Test:U:120.0V I:0.2476A P:26.02W PF:0.8759 Freq:60.00Hz Lamp Flux:1911.58x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 73.47 lm/W			
MODEL	C06018301A	I _{max} (cd)	370.4	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)	1911.6	η UP,DN(C0-180)	12.5,37.5
NOMINAL FLUX(lm)	1911.58	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	12.4,37.7
LAMPS INSIDE	1	η up(%)	24.8	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down(%)	75.2	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	362.5	365.1	367.7	364.5	361.5	365.1	368.5	365.7	0- 10	35.10	35.10	1.84,1.84
20	338.7	350.1	360.8	348.6	337.0	350.1	362.5	350.9	10- 20	101.3	136.4	7.14,7.14
30	301.2	326.7	349.3	324.3	299.4	327.1	351.6	327.6	20- 30	156.4	292.8	15.3,15.3
40	253.7	296.8	333.0	293.8	251.9	297.6	335.8	297.3	30- 40	194.9	487.7	25.5,25.5
50	199.2	263.4	311.7	259.9	197.3	264.2	314.0	263.1	40- 50	214.4	702.2	36.7,36.7
60	140.8	228.2	286.9	224.6	139.8	229.1	288.3	227.1	50- 60	215.0	917.2	48,48
70	81.69	194.2	259.3	190.7	81.40	194.4	259.9	191.8	60- 70	199.9	1117	58.4,58.4
80	27.96	163.3	230.8	159.9	28.11	163.3	230.7	160.2	70- 80	174.3	1291	67.6,67.6
90	0.1634	136.5	202.6	133.6	0.2113	136.5	201.6	133.0	80- 90	145.5	1437	75.2,75.2
100	2.385	114.4	175.4	111.9	2.452	114.3	174.2	110.9	90-100	121.0	1558	81.5,81.5
110	7.543	95.81	149.5	93.80	7.414	95.65	148.2	92.77	100-110	99.17	1657	86.7,86.7
120	14.64	79.52	124.9	78.25	13.31	79.49	123.7	77.17	110-120	79.18	1736	90.8,90.8
130	20.40	65.55	101.5	65.03	19.76	65.23	100.6	63.96	120-130	61.12	1797	94,94
140	25.29	55.28	80.30	55.14	26.05	51.78	79.73	54.25	130-140	45.34	1843	96.4,96.4
150	28.79	49.67	63.51	49.64	30.67	47.75	62.89	49.68	140-150	32.17	1875	98.1,98.1
160	33.19	46.33	52.90	46.59	34.54	44.30	49.24	47.49	150-160	21.64	1896	99.2,99.2
170	26.52	44.13	46.28	33.87	26.78	31.26	44.60	44.80	160-170	12.07	1909	99.8,99.8
180	36.59	24.43	1.901	27.06	34.01	30.34	13.54	19.71	170-180	3.034	1912	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 593.73 lm

%lum = 31.1%

%lamp = 31.1%

Conical surface Flux(120deg): 917.19 lm

%lum = 48.0%

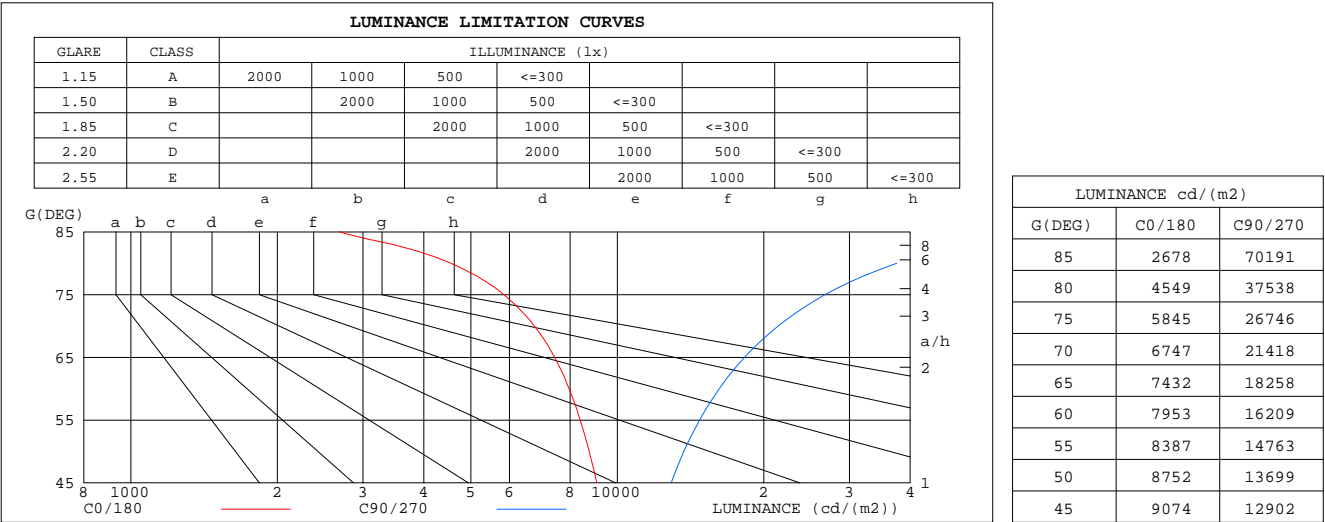
%lamp = 48.0%

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:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.2476A P:26.02W PF:0.8759 Freq:60.00Hz Lamp Flux:1911.58x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:



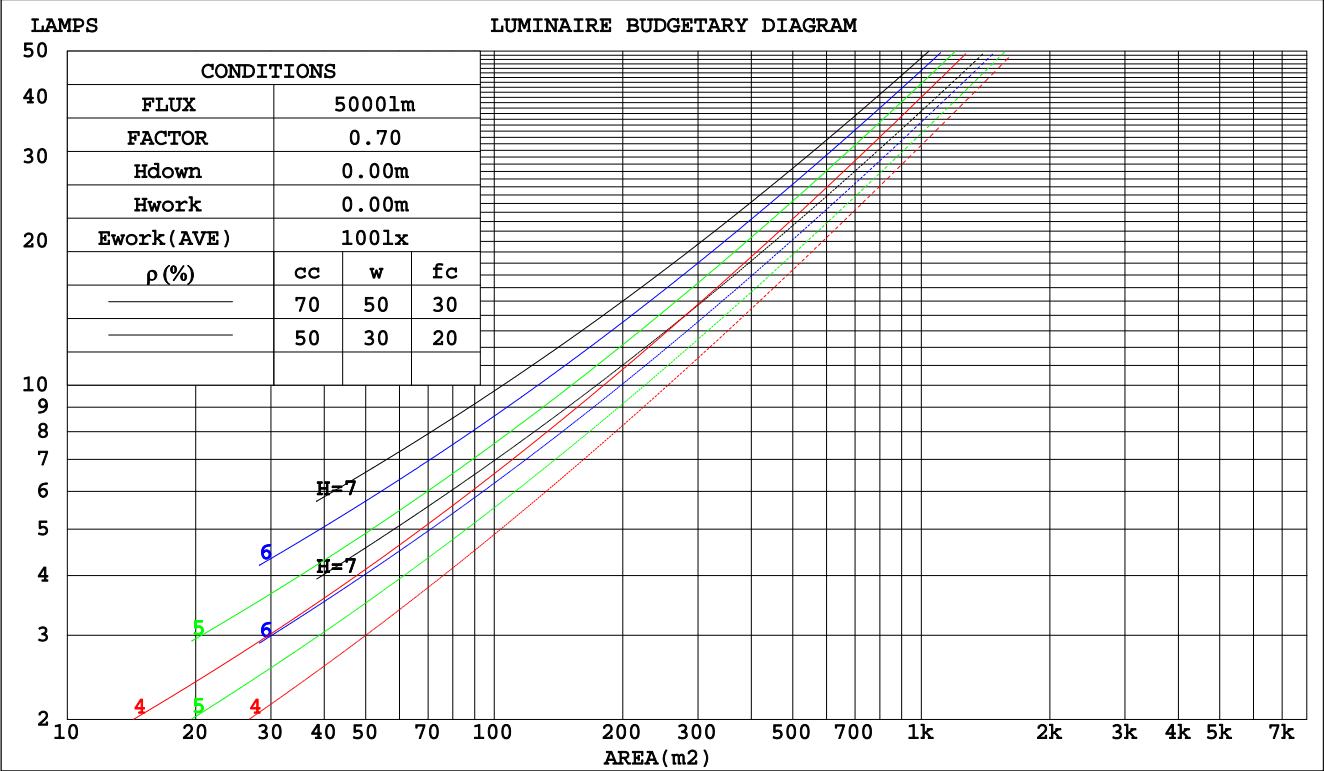
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24.7DEG
Operators:Alan Wang
Test Date:26 December 2024

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:0.2476A P:26.02W PF:0.8759 Freq:60.00Hz Lamp Flux:1911.58x1 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	.97	.97	.97	.88	.88	.88	.79	.79	.79	.75
1.0	.94	.89	.84	.89	.84	.80	.80	.77	.73	.72	.69	.66	.65	.62	.60	.56
2.0	.80	.73	.66	.76	.69	.63	.69	.63	.58	.62	.57	.53	.55	.51	.48	.45
3.0	.70	.61	.54	.66	.58	.51	.60	.53	.47	.53	.48	.43	.48	.43	.40	.36
4.0	.61	.52	.45	.58	.50	.43	.52	.45	.40	.47	.41	.37	.42	.37	.33	.30
5.0	.54	.45	.38	.52	.43	.36	.47	.39	.34	.42	.36	.31	.38	.33	.29	.26
6.0	.48	.39	.33	.46	.38	.31	.42	.35	.29	.38	.32	.27	.34	.29	.25	.22
7.0	.44	.35	.28	.42	.33	.27	.38	.31	.26	.34	.28	.24	.31	.26	.22	.19
8.0	.40	.31	.25	.38	.30	.24	.35	.28	.23	.31	.25	.21	.28	.23	.19	.17
9.0	.36	.28	.22	.35	.27	.22	.32	.25	.20	.29	.23	.19	.26	.21	.17	.15
10.0	.33	.25	.20	.32	.24	.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:0.2476A P:26.02W PF:0.8759 Freq:60.00Hz Lamp Flux:1911.58x1 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	.385	.219	.069	.370	.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	.294	.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	.034	.195	.106	.032	
5.0	.240	.122	.035	.230	.118	.034	.211	.110	.032	.193	.102	.030	.177	.094	.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	.149	.078	.023	
8.0	.188	.092	.026	.180	.089	.025	.165	.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	.380	.380	.380	.324	.324	.324	.221	.221	.221	.127	.127	.127	.041	.041	.041	
1.0	.376	.346	.319	.322	.297	.275	.220	.204	.190	.127	.118	.110	.041	.038	.036	
2.0	.370	.324	.285	.317	.279	.247	.217	.193	.172	.125	.112	.101	.040	.036	.033	
3.0	.362	.308	.264	.310	.265	.229	.213	.184	.161	.123	.108	.095	.040	.035	.031	
4.0	.354	.295	.250	.304	.255	.217	.209	.178	.153	.121	.104	.090	.039	.034	.030	
5.0	.347	.286	.240	.298	.247	.209	.205	.173	.148	.119	.101	.088	.038	.033	.029	
6.0	.339	.278	.233	.292	.241	.203	.201	.168	.144	.117	.099	.085	.038	.032	.028	
7.0	.332	.271	.228	.286	.235	.199	.198	.165	.141	.115	.097	.084	.037	.032	.028	
8.0	.326	.266	.224	.281	.231	.196	.194	.162	.139	.113	.095	.083	.037	.031	.027	
9.0	.320	.261	.221	.275	.227	.193	.191	.159	.137	.111	.094	.082	.036	.031	.027	
10.0	.314	.257	.219	.271	.223	.191	.188	.157	.136	.109	.093	.081	.036	.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:0.2476A P:26.02W PF:0.8759 Freq:60.00Hz Lamp Flux:1911.58x1 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	18.3	19.6	18.9	20.2	20.9	21.2	22.5	21.8	23.1	23.8
	3H	19.6	20.8	20.3	21.5	22.2	24.1	25.3	24.7	25.9	26.6
	4H	20.2	21.3	20.8	21.9	22.7	25.6	26.8	26.3	27.4	28.2
	6H	20.5	21.6	21.2	22.2	23.0	27.4	28.4	28.0	29.1	29.9
	8H	20.6	21.6	21.2	22.3	23.1	28.3	29.4	29.0	30.0	30.8
	12H	20.6	21.6	21.3	22.3	23.1	29.5	30.4	30.1	31.1	31.9
4H	2H	19.7	20.8	20.3	21.5	22.2	21.7	22.9	22.4	23.5	24.3
	3H	21.4	22.4	22.1	23.0	23.8	24.8	25.8	25.5	26.5	27.3
	4H	22.1	23.0	22.8	23.7	24.6	26.6	27.5	27.3	28.2	29.1
	6H	22.6	23.5	23.4	24.2	25.1	28.6	29.4	29.3	30.1	31.0
	8H	22.8	23.6	23.6	24.3	25.2	29.7	30.5	30.4	31.2	32.1
	12H	22.9	23.6	23.7	24.4	25.3	31.0	31.6	31.7	32.4	33.3
8H	4H	23.5	24.3	24.2	25.0	25.9	26.9	27.7	27.7	28.4	29.3
	6H	24.5	25.2	25.3	25.9	26.9	29.2	29.9	30.0	30.6	31.6
	8H	25.0	25.5	25.7	26.3	27.3	30.6	31.1	31.3	31.9	32.9
	12H	25.3	25.8	26.1	26.6	27.5	32.1	32.6	32.9	33.4	34.4
12H	4H	24.0	24.7	24.7	25.4	26.3	27.0	27.6	27.7	28.4	29.3
	6H	25.3	25.9	26.1	26.7	27.6	29.4	29.9	30.1	30.7	31.7
	8H	26.0	26.5	26.8	27.3	28.2	30.8	31.3	31.6	32.1	33.1
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, 1912 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 2.3$)
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:0.2476A P:26.02W PF:0.8759 Freq:60.00Hz Lamp Flux:1911.58x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:

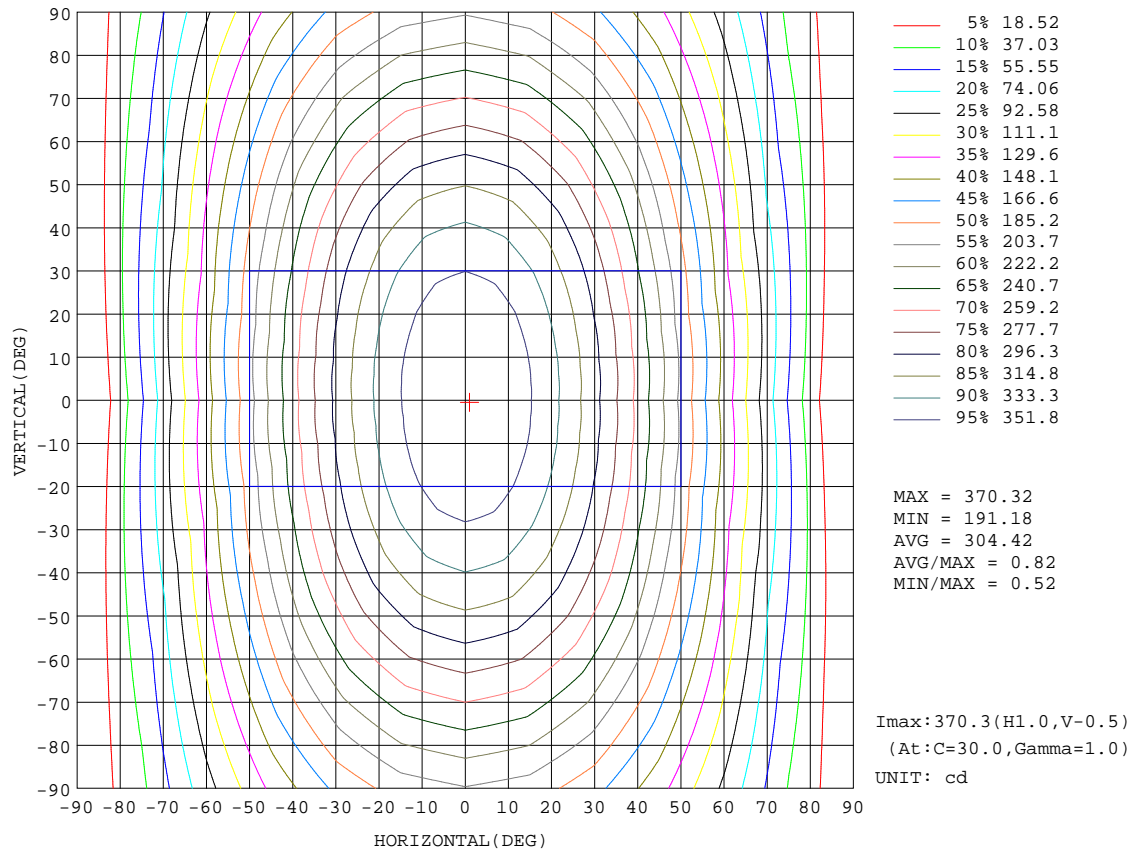
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	46	33	26	44	33	26	42	32	25	18
0.80	55	42	34	53	41	33	50	39	32	24
1.00	62	49	41	60	48	40	56	48	39	29
1.25	69	56	48	67	55	47	62	52	45	34
1.50	74	62	53	71	60	52	66	56	49	38
2.00	82	70	62	78	68	60	72	63	57	44
2.50	86	76	68	82	73	66	75	68	61	47
3.00	90	81	73	86	77	70	78	71	66	51
4.00	95	87	80	90	83	77	82	76	71	55
5.00	98	91	85	93	87	81	84	79	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:0.2476A P:26.02W PF:0.8759 Freq:60.00Hz Lamp Flux:1911.58x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:



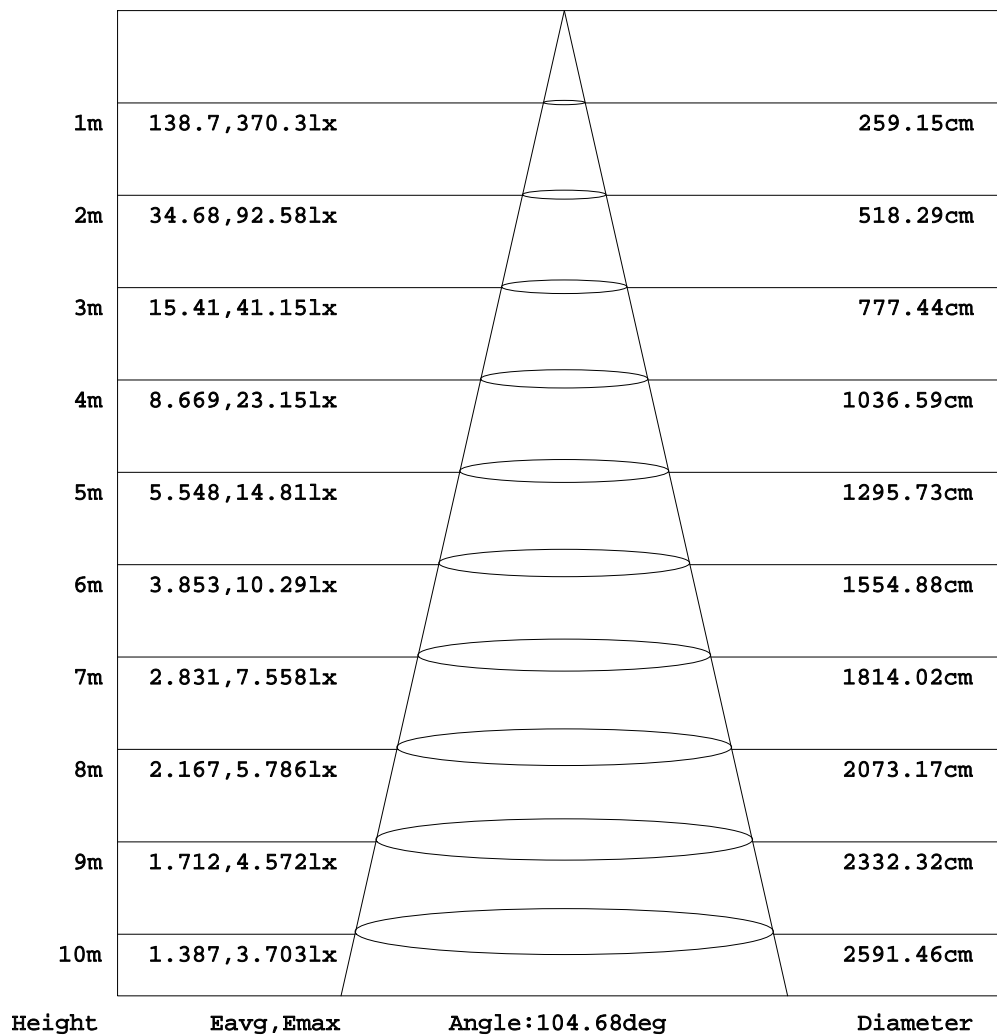
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 24.7DEG
Operators: Alan Wang
Test Date: 26 December 2024

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:0.2476A P:26.02W PF:0.8759 Freq:60.00Hz Lamp Flux:1911.58x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:

Flux out:767.4 lm



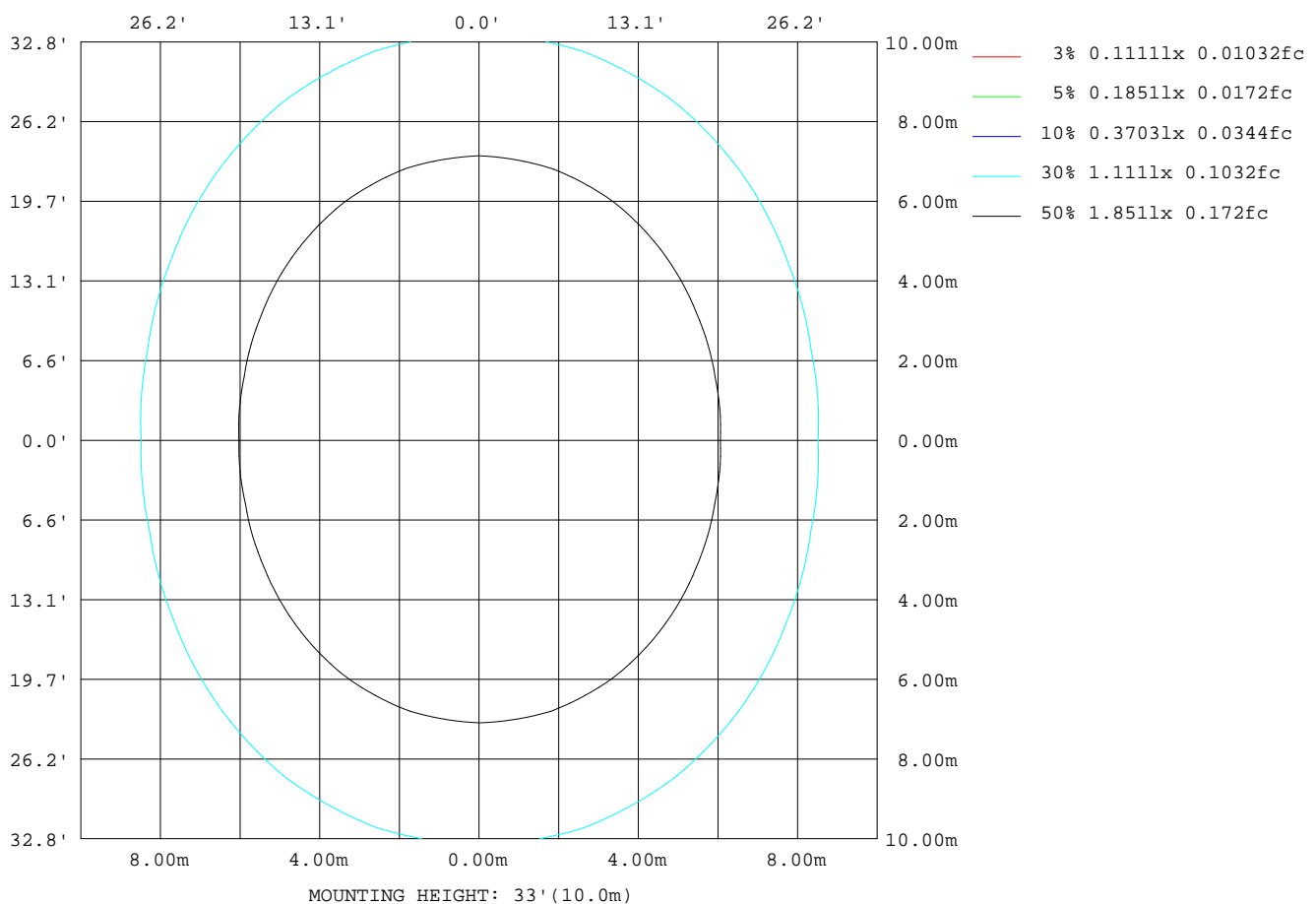
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.2476A P:26.02W PF:0.8759 Freq:60.00Hz Lamp Flux:1911.58x1 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:0.2476A P:26.02W PF:0.8759 Freq:60.00Hz Lamp Flux:1911.58x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:

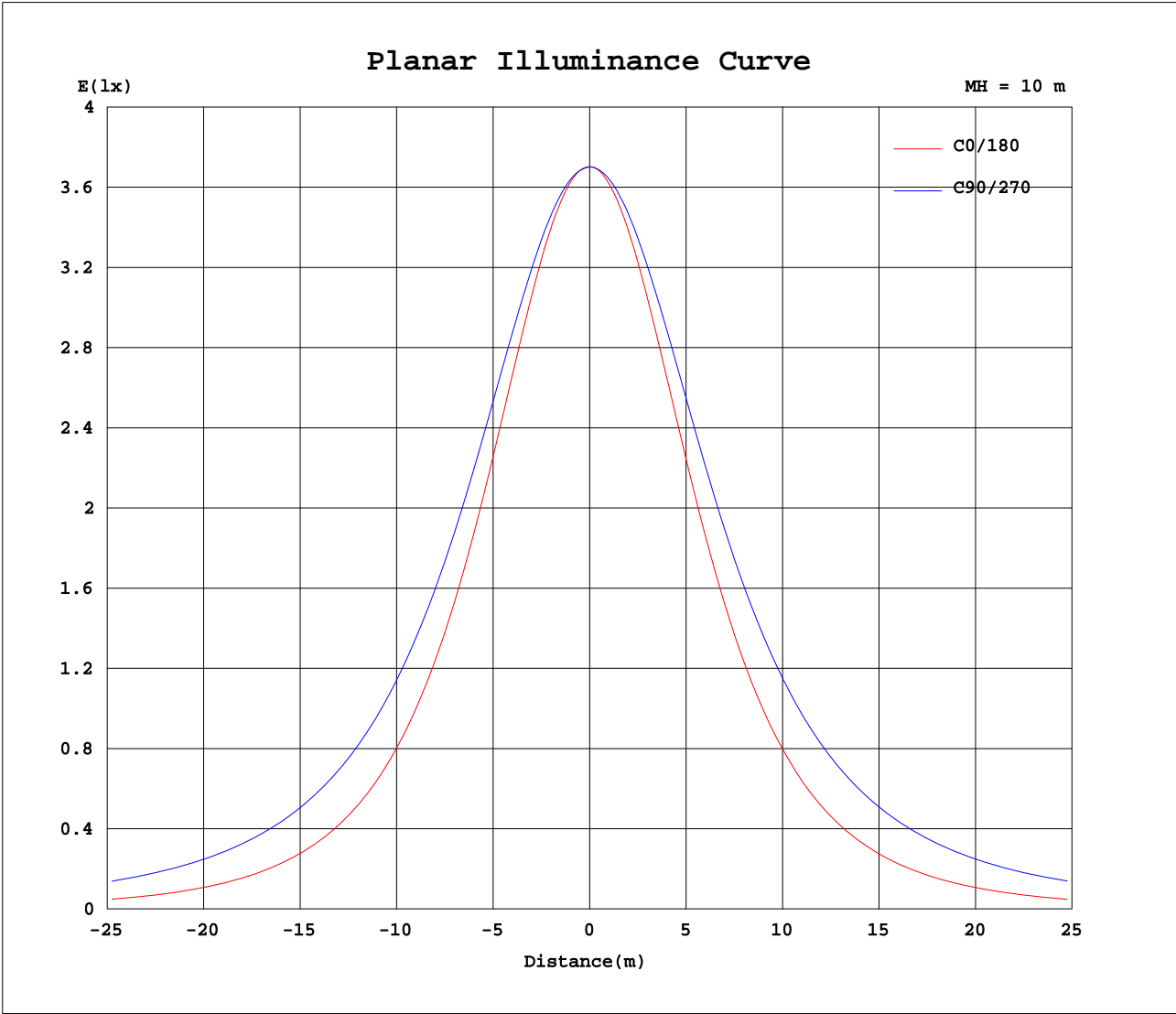
AvgL	cd/m2
L_0~180(65)av	7405
L_0~180(75)av	5838
L_0~180(85)av	2639
L_90~270(65)av	18289
L_90~270(75)av	26753
L_90~270(85)av	70197
L_45(65)av	14008
L_45(75)av	19282
L_45(85)av	47870

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:0.2476A P:26.02W PF:0.8759 Freq:60.00Hz Lamp Flux:1911.58x1 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	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370	370
5	368	369	369	369	369	370	369	369	369	368	368	368	368	368	369	369	369	370	370
10	363	363	364	365	367	368	368	367	366	364	363	362	362	362	364	365	367	368	369
15	353	353	356	359	362	364	365	364	361	358	354	351	351	352	355	359	362	365	366
20	339	340	345	350	356	360	361	359	355	349	342	338	337	339	344	350	356	361	362
25	321	324	331	339	348	354	356	353	346	337	328	321	320	323	330	339	349	355	358
30	301	305	314	327	339	347	349	346	337	324	311	302	299	304	314	327	340	349	352
35	278	283	296	312	328	339	342	337	326	310	293	280	277	282	296	313	329	340	344
40	254	260	276	297	316	329	333	328	314	294	273	257	252	259	276	298	317	331	336
45	227	235	255	280	303	318	323	317	301	277	252	232	226	235	255	281	304	320	326
50	199	209	234	263	289	307	312	305	287	260	230	206	197	208	234	264	290	308	314
55	170	183	212	246	275	294	300	292	272	242	208	179	169	182	212	247	275	295	302
60	141	156	191	228	260	280	287	279	257	225	187	153	140	156	191	229	260	281	288
65	111	130	170	211	245	266	273	265	242	207	166	127	110	130	170	211	245	267	274
70	81.7	105	150	194	230	252	259	251	227	191	146	102	81.4	106	151	194	230	252	260
75	53.6	82.0	132	178	215	238	245	236	212	175	128	78.6	53.4	83.3	133	178	215	238	245
80	28.0	62.1	115	163	200	223	231	222	198	160	112	58.7	28.1	63.6	116	163	200	223	231
85	8.26	46.5	101	149	186	209	217	208	184	146	97.4	43.3	8.02	48.1	102	149	186	208	217
90	0.16	35.9	89.0	136	173	195	203	194	171	134	85.6	33.0	0.21	37.4	90.0	137	172	194	202
95	0.84	29.7	79.3	125	160	182	189	181	158	122	76.3	27.3	0.95	31.0	80.2	125	160	181	188
100	2.39	25.7	71.4	114	148	169	175	168	146	112	68.6	23.6	2.45	26.8	72.1	114	147	168	174
105	4.59	22.6	64.7	105	136	156	162	155	135	103	62.3	21.0	4.63	23.7	65.3	105	136	155	161
110	7.54	20.6	58.8	95.8	125	143	149	143	124	93.8	56.8	19.7	7.41	21.7	59.4	95.7	124	142	148
115	11.2	21.6	53.8	87.3	114	131	137	131	113	85.7	52.1	21.1	10.7	21.9	54.3	87.2	114	130	136
120	14.6	23.7	49.4	79.5	104	120	125	119	103	78.3	48.2	23.3	13.3	23.6	49.5	79.5	103	119	124
125	17.6	26.0	45.6	72.2	94.2	108	113	108	93.4	71.4	44.8	25.8	16.5	25.8	43.6	72.2	93.6	107	112
130	20.4	28.4	43.9	65.5	84.8	97.3	102	97.0	84.3	65.0	43.4	27.9	19.8	28.2	42.8	65.2	84.5	96.6	101
135	23.0	30.6	43.0	59.4	76.0	86.9	90.6	86.6	75.7	59.3	42.8	30.0	22.9	31.0	42.9	57.4	75.5	86.3	89.9
140	25.3	32.7	42.7	55.3	67.8	77.1	80.3	77.0	67.8	55.1	42.5	31.7	26.0	33.0	42.9	51.8	67.2	76.6	79.7
145	27.0	34.8	42.6	52.1	61.5	68.2	70.8	68.1	61.4	52.1	42.1	33.6	28.8	34.4	42.6	50.6	58.7	67.6	70.4
150	28.8	36.7	42.6	49.7	56.6	61.6	63.5	61.7	56.7	49.6	41.8	35.7	30.7	35.7	42.5	47.7	53.8	60.3	62.9
155	30.8	38.5	42.8	47.9	52.7	56.3	57.7	56.4	52.8	47.9	42.1	37.6	32.6	34.8	42.3	45.5	50.5	51.7	56.9
160	33.2	39.5	43.2	46.3	49.6	52.0	52.9	52.0	49.8	46.6	41.2	38.8	34.5	34.8	41.8	44.3	46.9	50.1	49.2
165	31.4	35.8	43.6	45.4	47.3	48.7	49.2	48.7	47.4	43.6	40.7	35.0	32.1	29.9	37.6	44.0	44.4	46.4	47.9
170	26.5	27.4	36.7	44.1	45.5	46.1	46.3	46.1	44.4	33.9	30.1	26.6	26.8	26.5	27.4	31.3	38.1	43.3	44.6
175	23.3	23.2	23.7	26.0	36.5	41.7	40.7	33.4	23.9	23.2	23.4	23.5	23.6	23.6	23.5	23.4	23.2	24.3	33.3
180	36.6	35.5	32.2	24.4	20.8	8.56	1.90	8.76	18.0	27.1	32.3	35.5	34.0	34.0	33.1	30.3	25.4	18.7	13.5

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:0.2476A P:26.02W PF:0.8759 Freq:60.00Hz Lamp Flux:1911.58x1 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	370	370	370	370	370														
5	370	370	369	369	369														
10	368	367	366	364	363														
15	365	363	359	356	354														
20	361	357	351	345	341														
25	356	349	340	331	325														
30	349	340	328	315	306														
35	340	329	313	296	284														
40	331	317	297	276	260														
45	320	304	280	255	235														
50	308	290	263	233	209														
55	294	275	245	211	182														
60	281	259	227	189	155														
65	266	244	209	168	129														
70	252	228	192	147	103														
75	237	213	175	129	79.8														
80	222	198	160	112	59.3														
85	207	184	146	97.3	43.2														
90	193	170	133	85.2	32.4														
95	180	157	121	75.6	26.5														
100	166	145	111	67.8	22.7														
105	154	133	101	61.3	20.0														
110	141	122	92.8	55.8	18.8														
115	129	112	84.6	51.1	20.2														
120	118	102	77.2	47.1	22.5														
125	107	92.3	70.3	43.7	25.2														
130	95.9	83.3	64.0	42.4	27.4														
135	85.8	74.7	58.2	41.8	29.3														
140	76.3	67.0	54.2	41.7	31.1														
145	67.7	60.8	51.5	42.0	33.1														
150	61.5	56.6	49.7	42.4	35.4														
155	56.2	53.3	48.5	43.3	37.8														
160	52.0	50.1	47.5	44.0	39.8														
165	46.1	47.5	46.0	44.3	40.0														
170	45.3	44.3	44.8	41.6	32.2														
175	40.7	39.8	34.4	24.8	22.7														
180	1.06	13.3	19.7	25.8	30.8														

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: