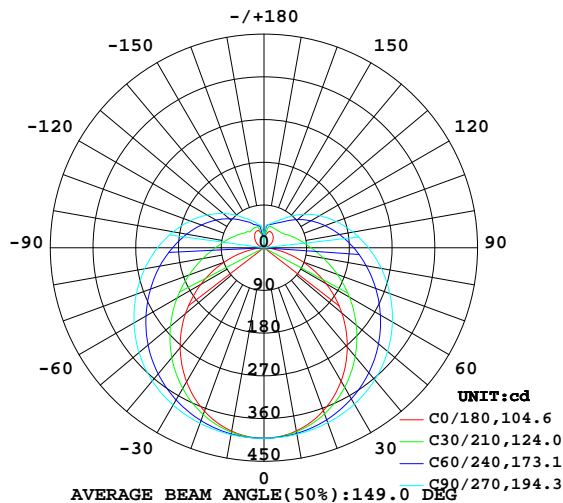


LUMINAIRE PHOTOMETRIC TEST REPORT

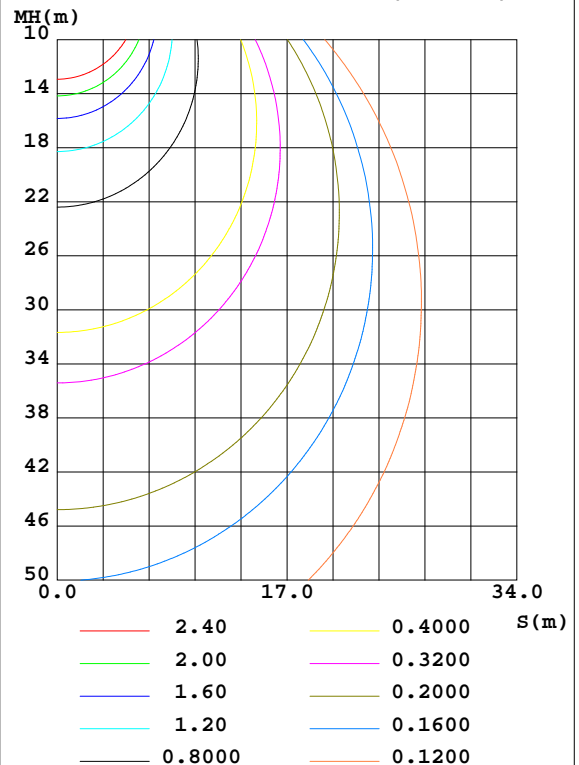
Test:U:120.0V I:0.2481A P:26.03W PF:0.8744 Freq:60.00Hz Lamp Flux:2092.74x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 80.40 lm/W			
MODEL	C06018302A	Imax(cd)	401.6	S/MH(C0/180)	1.21
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.44
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2092.7	η UP,DN(C0-180)	12.4,37.3
NOMINAL FLUX(lm)	2092.74	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	12.7,37.6
LAMPS INSIDE	1	η up(%)	25.1	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down(%)	74.9	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	391.9	395.5	399.1	395.8	392.3	396.4	399.8	396.0	0- 10	38.05	38.05	1.82,1.82
20	365.5	379.3	392.3	379.3	366.6	381.1	393.8	379.8	10- 20	109.9	148.0	7.07,7.07
30	324.9	354.2	380.5	353.6	326.1	356.8	382.7	354.4	20- 30	169.8	317.8	15.2,15.2
40	273.0	322.3	363.3	320.8	274.8	325.5	366.2	321.7	30- 40	211.9	529.7	25.3,25.3
50	214.0	286.3	339.9	283.7	216.1	290.1	343.6	285.0	40- 50	233.5	763.2	36.5,36.5
60	151.2	248.9	312.3	245.0	153.3	252.7	316.2	246.5	50- 60	234.6	997.8	47.7,47.7
70	87.56	212.3	282.1	207.5	89.99	216.2	286.3	208.7	60- 70	218.6	1216	58.1,58.1
80	29.82	179.0	251.0	173.5	32.35	182.5	255.2	174.9	70- 80	191.1	1407	67.3,67.3
90	0.7146	150.1	220.2	144.4	1.143	153.6	224.4	146.2	80- 90	160.1	1568	74.9,74.9
100	3.871	126.1	190.5	120.7	3.747	129.6	194.3	122.7	90-100	133.6	1701	81.3,81.3
110	9.604	105.8	162.2	101.1	9.373	108.9	165.7	102.8	100-110	109.8	1811	86.5,86.5
120	17.40	87.85	135.3	83.94	16.92	90.69	138.3	85.62	110-120	87.81	1899	90.7,90.7
130	24.46	72.38	109.8	69.39	23.88	74.91	112.4	70.82	120-130	67.85	1967	94,94
140	30.33	60.38	86.45	58.65	30.79	62.26	88.90	60.38	130-140	50.20	2017	96.4,96.4
150	34.96	53.80	67.92	53.00	36.94	51.14	70.22	55.12	140-150	35.52	2052	98.1,98.1
160	36.74	50.08	56.62	50.05	38.83	48.02	57.80	52.46	150-160	23.81	2076	99.2,99.2
170	28.54	47.92	49.86	37.33	28.93	34.85	48.84	49.20	160-170	13.19	2089	99.8,99.8
180	39.54	26.19	4.053	29.58	36.56	32.54	14.78	21.79	170-180	3.307	2093	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 645.09 lm

%lum = 30.8%

%lamp = 30.8%

Conical surface Flux(120deg): 997.82 lm

%lum = 47.7%

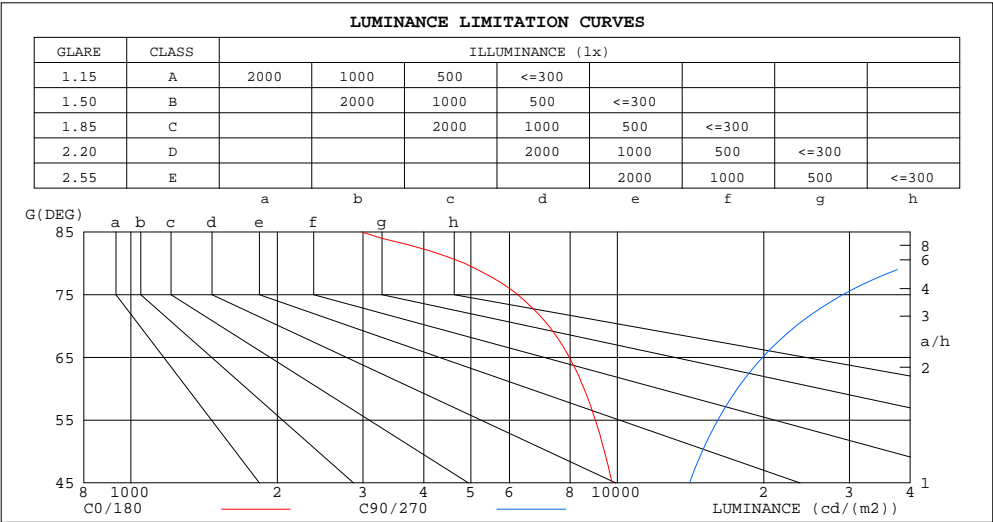
%lamp = 47.7%

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:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.2481A P:26.03W PF:0.8744 Freq:60.00Hz Lamp Flux:2092.74x1 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	2976	76304
80	4852	40835
75	6237	29089
70	7232	23302
65	7966	19884
60	8541	17647
55	9013	16090
50	9405	14939
45	9758	14074

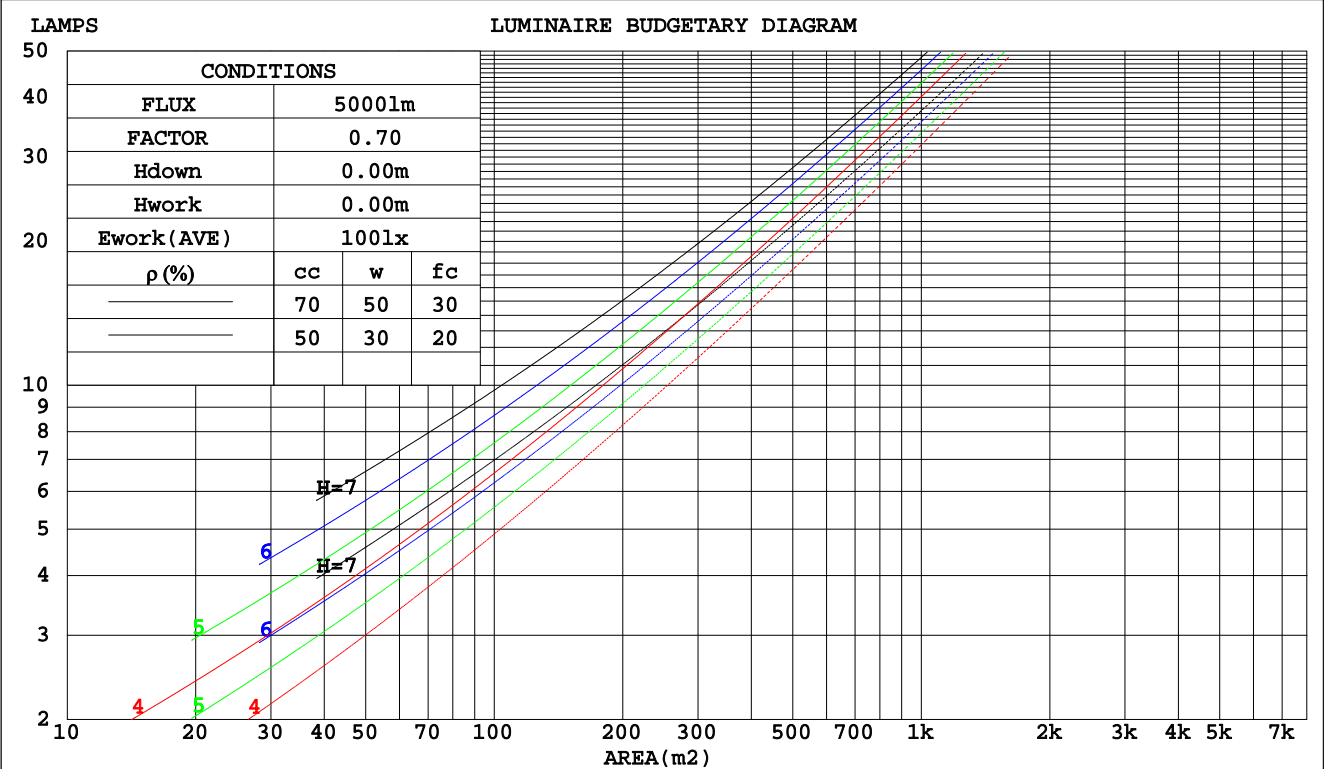
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24.7DEG
Operators:Alan Wang
Test Date:26 December 2024

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:0.2481A P:26.03W PF:0.8744 Freq:60.00Hz Lamp Flux:2092.74x1 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	.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	.70	.61	.53	.66	.58	.51	.59	.53	.47	.53	.48	.43	.48	.43	.39	.36
4.0	.61	.52	.45	.58	.49	.43	.52	.45	.40	.47	.41	.36	.42	.37	.33	.30
5.0	.54	.45	.38	.51	.43	.36	.47	.39	.34	.42	.36	.31	.38	.33	.28	.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	.25	.34	.28	.24	.31	.26	.22	.19
8.0	.40	.31	.25	.38	.30	.24	.34	.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:0.2481A P:26.03W PF:0.8744 Freq:60.00Hz Lamp Flux:2092.74x1 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	.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	.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	.077	.023	
8.0	.188	.092	.026	.180	.089	.025	.165	.083	.024	.152	.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	.145	.071	.020	.133	.066	.019	.121	.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	.382	.382	.382	.326	.326	.326	.223	.223	.223	.128	.128	.128	.041	.041	.041	
1.0	.378	.348	.321	.324	.299	.276	.221	.206	.191	.127	.119	.111	.041	.038	.036	
2.0	.372	.326	.287	.318	.280	.248	.218	.194	.173	.126	.113	.102	.040	.037	.033	
3.0	.364	.310	.266	.312	.267	.231	.214	.186	.162	.124	.108	.095	.040	.035	.031	
4.0	.356	.297	.252	.306	.257	.219	.210	.179	.154	.122	.105	.091	.039	.034	.030	
5.0	.349	.288	.242	.300	.249	.211	.206	.174	.149	.120	.102	.088	.039	.033	.029	
6.0	.342	.280	.235	.294	.242	.205	.203	.170	.145	.117	.100	.086	.038	.033	.028	
7.0	.335	.273	.230	.288	.237	.201	.199	.166	.142	.116	.098	.085	.037	.032	.028	
8.0	.328	.268	.227	.282	.232	.198	.195	.163	.140	.114	.096	.083	.037	.032	.028	
9.0	.322	.263	.224	.277	.228	.195	.192	.161	.138	.112	.095	.083	.036	.031	.027	
10.0	.316	.259	.221	.272	.225	.193	.189	.158	.137	.110	.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:0.2481A P:26.03W PF:0.8744 Freq:60.00Hz Lamp Flux:2092.74x1 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	18.5	19.8	19.1	20.4	21.1	21.5	22.8	22.1	23.4	24.1	
	3H	19.9	21.1	20.5	21.7	22.5	24.3	25.5	25.0	26.2	
	4H	20.4	21.5	21.1	22.2	23.0	25.9	27.0	26.6	27.7	
	6H	20.8	21.8	21.4	22.5	23.3	27.6	28.7	28.3	29.4	
	8H	20.8	21.9	21.5	22.5	23.3	28.6	29.6	29.3	30.3	
	12H	20.9	21.9	21.6	22.5	23.4	29.7	30.7	30.4	31.4	
4H	2H	19.9	21.1	20.6	21.7	22.5	22.0	23.1	22.7	23.8	
	3H	21.6	22.6	22.3	23.3	24.1	25.1	26.1	25.8	26.8	
	4H	22.4	23.3	23.1	24.0	24.8	26.9	27.8	27.6	28.5	
	6H	23.0	23.8	23.7	24.5	25.4	28.9	29.7	29.6	30.4	
	8H	23.1	23.9	23.9	24.6	25.5	30.0	30.7	30.7	31.5	
	12H	23.2	23.9	24.0	24.7	25.6	31.2	31.9	32.0	32.7	
8H	4H	23.8	24.6	24.5	25.3	26.2	27.2	28.0	28.0	28.7	
	6H	24.9	25.5	25.6	26.3	27.2	29.5	30.1	30.3	30.9	
	8H	25.3	25.9	26.1	26.7	27.6	30.8	31.4	31.6	32.2	
	12H	25.6	26.1	26.4	26.9	27.9	32.4	32.9	33.2	33.7	
12H	4H	24.3	25.0	25.0	25.7	26.6	27.2	27.9	28.0	28.7	
	6H	25.6	26.2	26.4	27.0	27.9	29.6	30.2	30.4	31.0	
	8H	26.3	26.8	27.1	27.6	28.6	31.1	31.6	31.9	32.4	
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, 2093 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:24.7DEG
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:0.2481A P:26.03W PF:0.8744 Freq:60.00Hz Lamp Flux:2092.74x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:

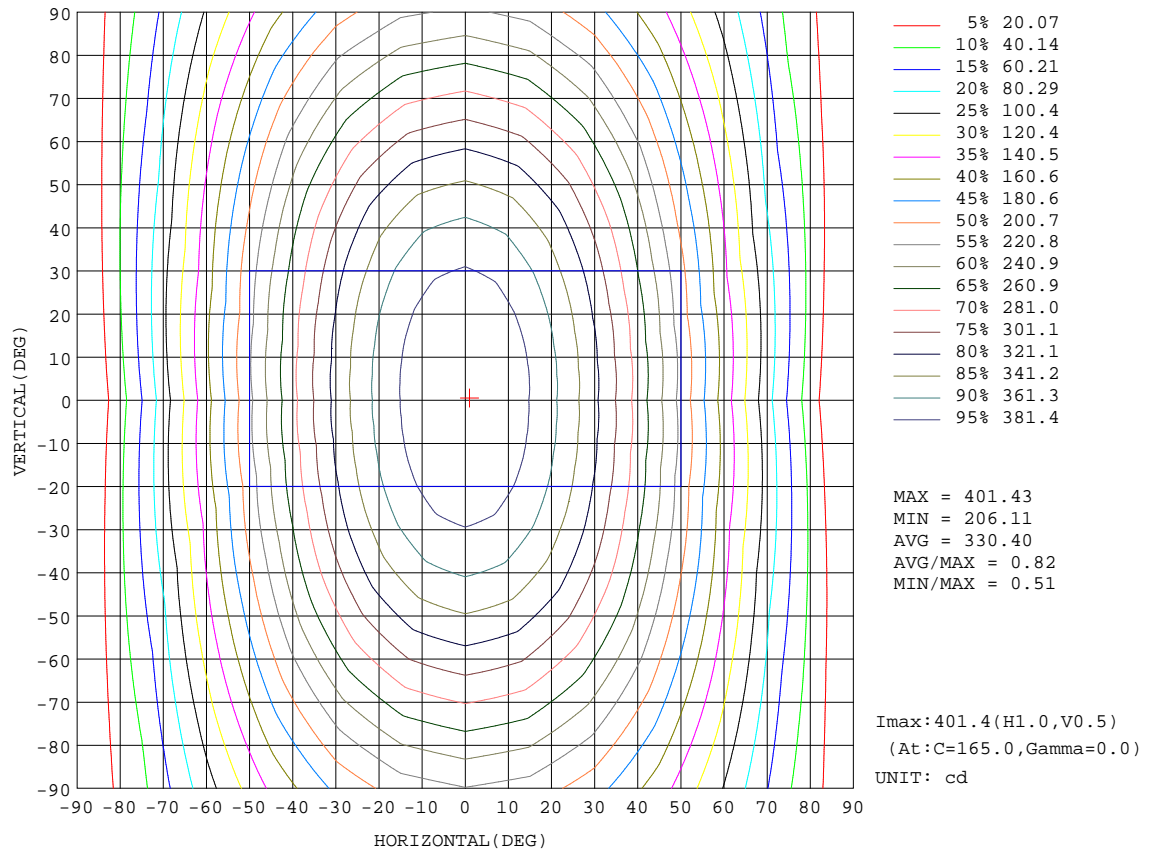
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	46	33	26	44	33	26	42	32	25	18
0.80	55	42	34	53	41	33	49	39	32	24
1.00	62	49	41	60	48	40	56	48	38	29
1.25	69	56	48	66	55	47	61	52	44	34
1.50	74	62	53	71	60	52	65	56	49	38
2.00	82	70	62	78	68	60	71	63	56	43
2.50	86	76	68	82	73	65	75	67	61	47
3.00	90	80	73	86	77	70	78	71	65	50
4.00	95	87	80	90	83	77	82	76	71	55
5.00	98	91	85	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:0.2481A P:26.03W PF:0.8744 Freq:60.00Hz Lamp Flux:2092.74x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:



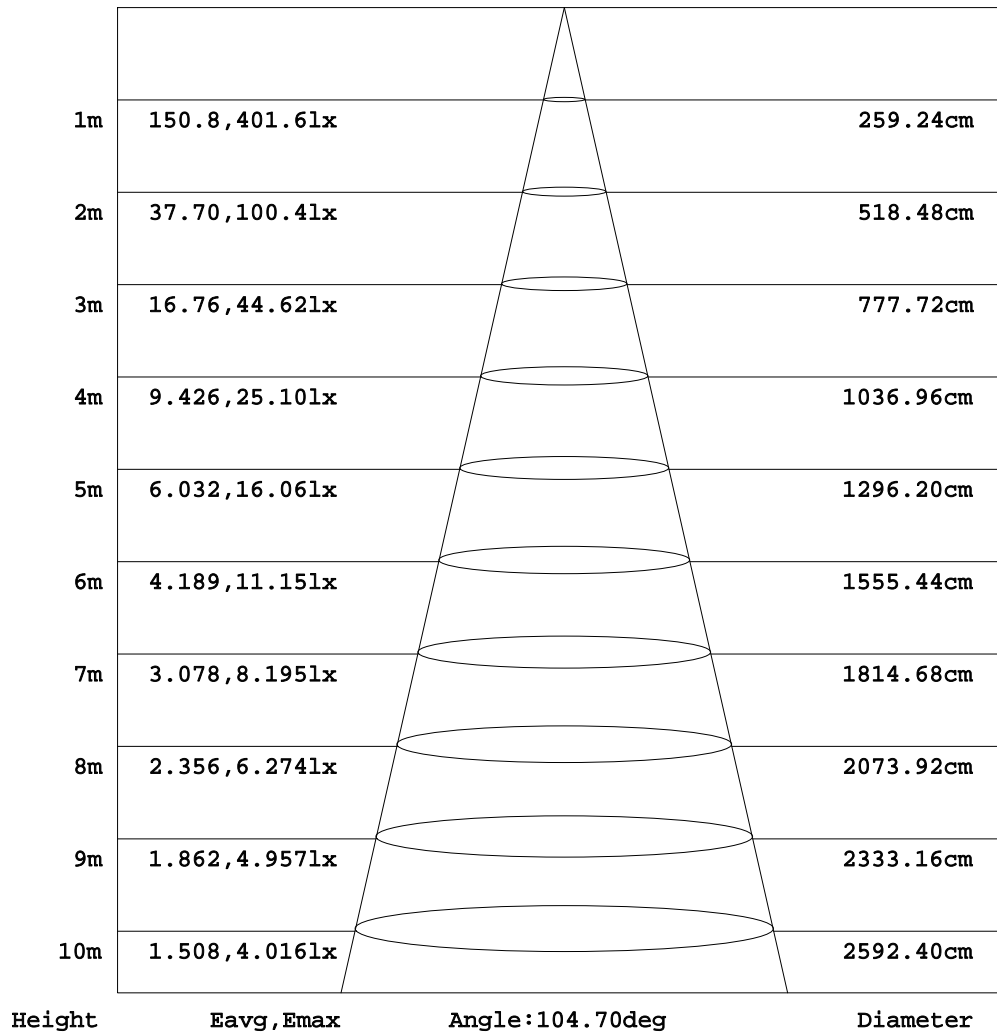
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 24.7DEG
Operators: Alan Wang
Test Date: 26 December 2024

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:0.2481A P:26.03W PF:0.8744 Freq:60.00Hz Lamp Flux:2092.74x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:

Flux out:834.4 lm



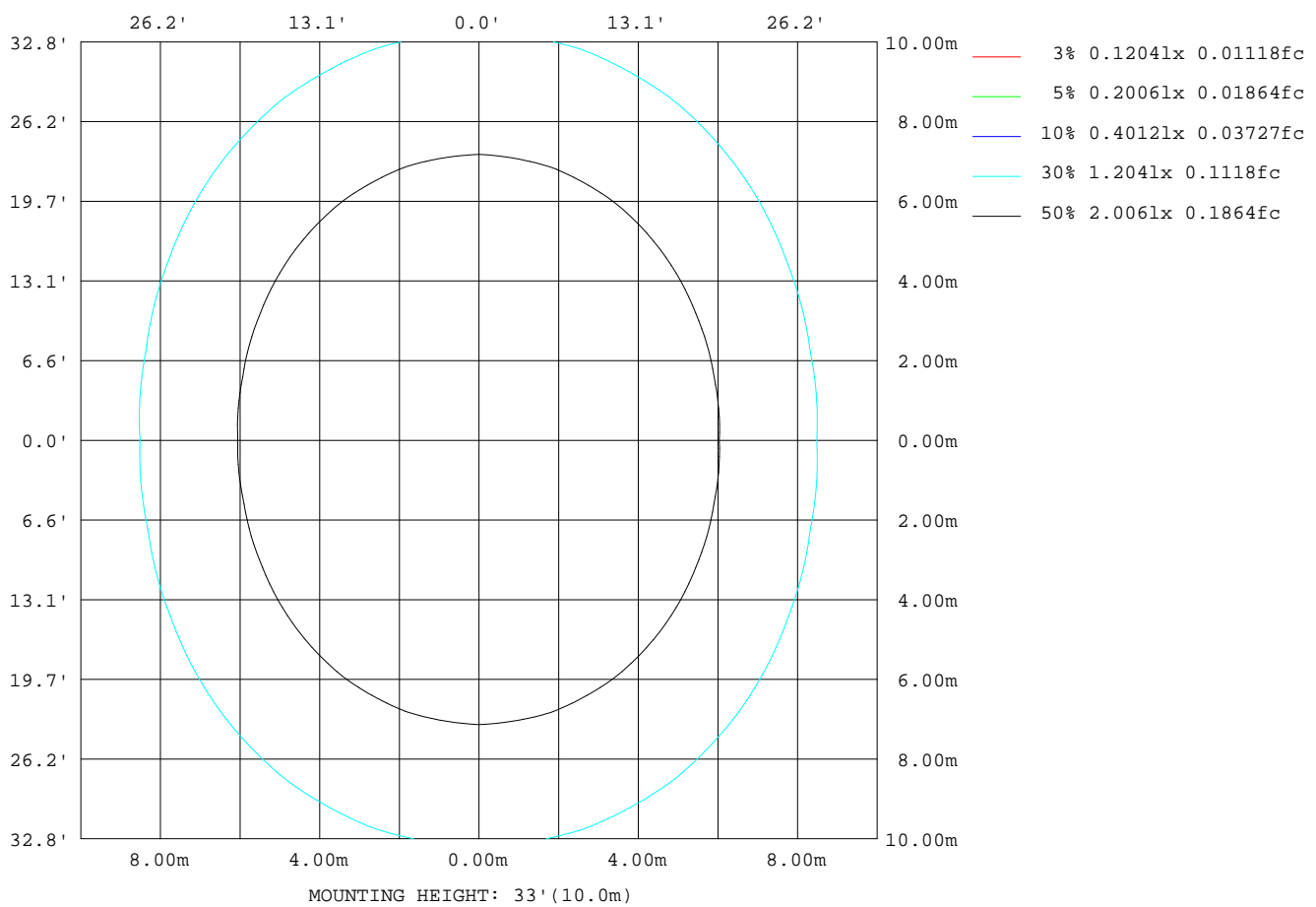
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.2481A P:26.03W PF:0.8744 Freq:60.00Hz Lamp Flux:2092.74x1 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:0.2481A P:26.03W PF:0.8744 Freq:60.00Hz Lamp Flux:2092.74x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:

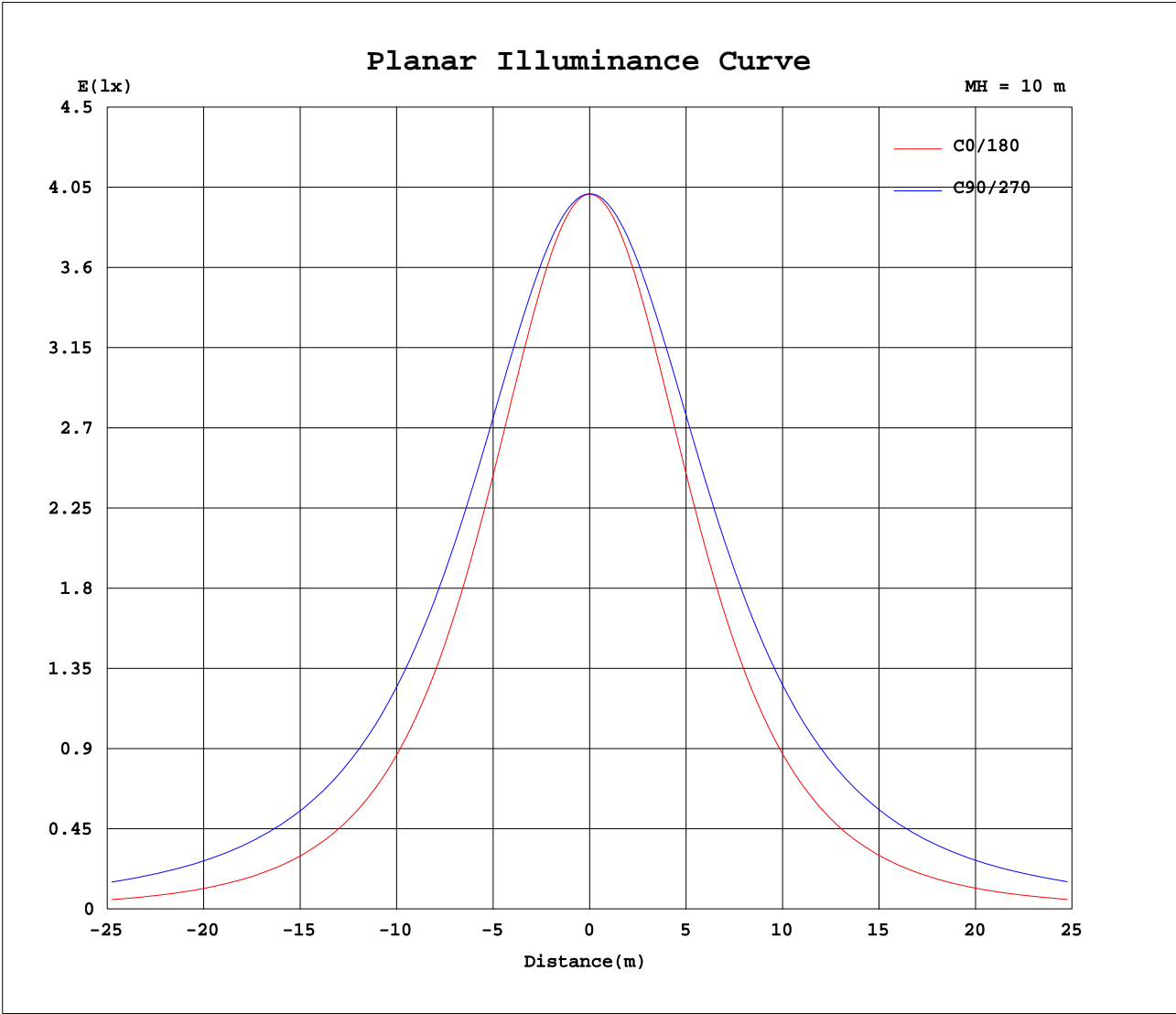
AvgL	cd/m2
L_0~180(65)av	8044
L_0~180(75)av	6380
L_0~180(85)av	3198
L_90~270(65)av	20016
L_90~270(75)av	29317
L_90~270(85)av	76969
L_45(65)av	15345
L_45(75)av	21150
L_45(85)av	52625

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:0.2481A P:26.03W PF:0.8744 Freq:60.00Hz Lamp Flux:2092.74x1 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	401	401	401	401	401	401	401	401	401	401	402	402	401	401	401	401	401	401	401
5	399	399	399	400	400	401	401	401	400	400	400	399	399	399	400	400	401	401	401
10	392	392	394	395	397	399	399	399	397	396	394	393	392	393	395	396	398	399	400
15	381	382	385	389	392	395	396	395	393	389	385	382	381	383	386	390	394	396	397
20	365	367	372	379	386	391	392	391	386	379	373	368	367	369	374	381	388	392	394
25	347	350	357	368	378	385	387	385	377	367	357	350	348	352	360	370	380	387	389
30	325	329	340	354	368	377	381	377	367	354	340	329	326	331	342	357	370	380	383
35	300	306	320	339	356	368	373	368	355	338	320	306	302	308	323	342	359	371	375
40	273	281	299	322	344	358	363	358	342	321	298	280	275	283	302	325	347	361	366
45	244	254	277	305	330	347	352	346	328	303	275	253	246	257	280	308	333	350	356
50	214	226	254	286	315	334	340	333	313	284	251	225	216	229	257	290	319	337	344
55	183	198	231	268	299	320	327	319	297	264	227	196	185	201	234	271	303	324	330
60	151	169	208	249	283	305	312	304	280	245	204	167	153	173	211	253	287	309	316
65	119	142	186	230	267	290	297	288	264	226	181	138	122	145	189	234	271	294	301
70	87.6	115	165	212	250	274	282	273	247	208	159	111	90.0	119	168	216	255	279	286
75	57.1	91.2	145	195	234	259	267	257	231	190	139	85.8	59.8	94.8	149	199	238	263	271
80	29.8	69.8	127	179	219	243	251	241	215	173	121	63.8	32.4	73.6	131	182	223	247	255
85	9.18	53.1	112	164	203	228	235	226	200	158	105	46.4	10.5	56.6	116	167	207	232	240
90	0.71	41.8	99.2	150	189	213	220	211	185	144	92.3	35.0	1.14	44.8	103	154	193	217	224
95	2.02	35.1	88.6	138	175	198	205	196	171	132	81.8	28.8	2.01	37.7	92.1	141	179	202	209
100	3.87	30.7	79.8	126	162	184	191	182	158	121	73.5	25.0	3.75	33.0	83.1	130	166	188	194
105	6.40	27.4	72.5	116	149	170	176	168	145	110	66.7	22.2	6.18	29.4	75.5	119	153	173	180
110	9.60	25.2	66.1	106	137	156	162	154	133	101	60.7	21.0	9.37	27.0	68.9	109	140	160	166
115	13.4	25.7	60.5	96.7	125	143	149	141	122	92.1	55.6	22.6	13.1	27.1	63.0	99.5	128	146	152
120	17.4	27.6	55.7	87.8	114	130	135	129	111	83.9	51.3	25.2	16.9	28.8	58.0	90.7	117	133	138
125	21.2	29.8	51.4	79.8	103	118	122	116	100	76.4	47.7	28.0	20.2	30.4	53.6	82.5	106	121	125
130	24.5	32.1	48.9	72.4	92.7	106	110	104	90.3	69.4	46.2	30.4	23.9	32.7	50.7	74.9	95.4	108	112
135	27.5	33.9	47.6	65.6	82.9	94.0	98.0	93.1	80.9	63.0	45.6	33.4	27.5	34.9	48.2	67.9	85.5	96.9	100
140	30.3	36.5	46.9	60.4	73.8	83.4	86.4	82.5	72.2	58.6	45.4	35.8	30.8	36.8	45.0	62.3	76.2	85.8	88.9
145	32.8	38.8	46.5	56.6	66.5	73.4	75.9	72.8	65.4	55.4	45.5	37.5	34.1	39.4	45.4	57.6	68.5	75.6	78.2
150	35.0	40.3	46.0	53.8	61.1	66.2	67.9	65.8	60.4	53.0	45.9	39.1	36.9	41.0	46.1	51.1	62.3	68.2	70.2
155	36.3	41.9	46.5	51.7	56.8	60.5	61.7	60.2	56.4	51.3	45.8	40.1	38.5	40.8	46.9	50.0	55.4	61.5	63.6
160	36.7	43.1	47.0	50.1	53.4	55.8	56.6	55.7	53.3	50.0	45.8	41.8	38.8	38.6	46.5	48.0	51.8	55.0	57.8
165	33.7	39.2	47.2	49.2	50.9	52.2	52.7	52.2	50.9	47.7	42.6	37.6	34.8	34.2	42.6	48.2	48.5	51.1	52.2
170	28.5	29.9	40.1	47.9	49.1	49.7	49.9	49.7	47.8	37.3	32.2	29.6	28.9	29.2	30.4	34.8	42.1	47.0	48.8
175	25.3	25.3	26.0	28.4	29.9	34.9	44.9	44.4	35.5	25.8	25.0	25.3	25.3	25.6	25.6	25.5	25.5	26.6	36.8
180	39.5	38.4	34.4	26.2	22.7	10.1	4.05	10.4	20.3	29.6	35.0	38.3	36.6	36.6	35.5	32.5	27.3	20.3	14.8

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.2481A P:26.03W PF:0.8744 Freq:60.00Hz Lamp Flux:2092.74x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ETi Solid State Lighting, Inc	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	401	401	401	402	402														
5	401	401	400	400	399														
10	399	398	396	394	393														
15	396	393	389	385	382														
20	392	387	380	373	368														
25	386	378	368	358	350														
30	379	368	354	340	329														
35	370	357	339	320	306														
40	360	344	322	298	280														
45	349	330	304	275	253														
50	336	315	285	252	225														
55	322	299	266	228	195														
60	307	283	247	204	166														
65	292	266	228	181	138														
70	276	250	209	159	110														
75	261	234	191	139	85.1														
80	245	218	175	121	63.0														
85	230	202	160	106	45.7														
90	215	188	146	92.9	34.5														
95	200	174	134	82.8	28.6														
100	185	161	123	74.6	24.7														
105	171	148	112	67.6	22.0														
110	158	136	103	61.6	21.3														
115	144	124	93.9	56.5	23.2														
120	131	113	85.6	52.2	26.0														
125	119	103	78.0	48.7	28.8														
130	107	92.4	70.8	47.5	31.4														
135	95.5	82.8	64.5	46.8	33.6														
140	84.7	74.1	60.4	46.6	35.4														
145	75.1	67.6	57.3	46.9	37.1														
150	68.3	62.8	55.1	47.2	39.1														
155	62.7	59.0	53.7	47.8	41.4														
160	57.7	55.9	52.5	48.4	43.6														
165	53.5	52.6	51.0	48.7	44.0														
170	49.1	49.9	49.2	46.0	34.3														
175	44.3	43.4	37.3	27.3	24.9														
180	11.0	15.0	21.8	28.1	33.3														

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: