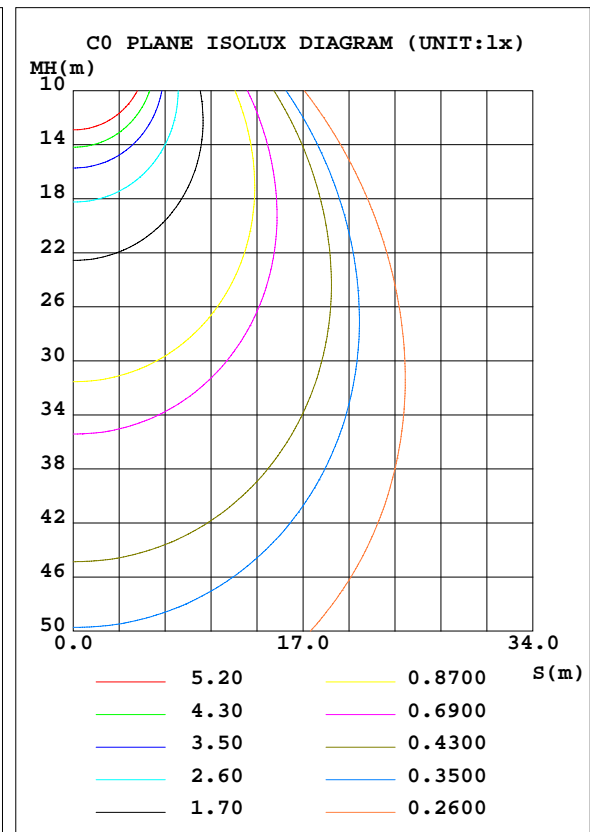
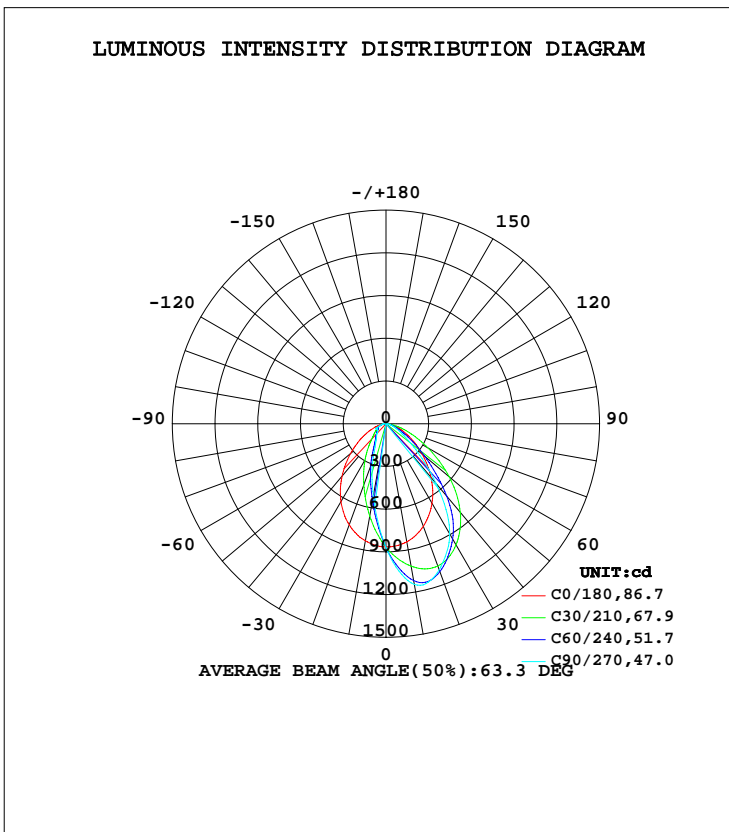


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.00V I:0.1001A P:11.930W PF:0.9929 Freq:60.00Hz Lamp Flux:1574.76x1 lm		
NAME: LED Wallpack	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 132.20 lm/W			
MODEL	ASD-WLP02A-12DAC-PC-BK	I _{max} (cd)	1161	S/MH(C0/180)	1.11
NOMINAL POWER(W)	12	LOR(%)	93.5	S/MH(C90/270)	0.42
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	1577.1	η UP, DN(C0-180)	0.0,68.2
NOMINAL FLUX(lm)	1574.76	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.2,25.1
LAMPS INSIDE	1	η up(%)	0.2	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	120	η down(%)	93.3	CIBSE SHR MAX	0.95



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 24 March 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 41.2%
 Test Distance: 2.500m [K=1.0477]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	842.3	1078	1146	1077	835.0	593.5	513.6	600.6	0- 10	81.37	81.37	5.16,4.82
20	767.1	1106	1093	1106	755.5	370.3	270.7	377.4	10- 20	222.2	303.6	19.2,18
30	646.4	970.3	894.8	973.8	632.6	205.8	141.7	211.2	20- 30	304.1	607.6	38.5,36
40	492.6	759.0	546.5	762.3	480.2	122.9	103.0	124.7	30- 40	320.1	927.7	58.8,55
50	331.9	480.0	256.3	487.7	325.5	87.48	76.24	88.13	40- 50	269.3	1197	75.9,71
60	197.8	250.4	115.7	256.6	193.8	65.91	72.71	66.71	50- 60	189.2	1386	87.9,82.2
70	100.6	110.7	51.13	114.3	98.70	47.44	52.29	47.33	60- 70	117.2	1503	95.3,89.1
80	34.19	32.37	13.64	33.43	35.04	22.75	25.39	22.91	70- 80	55.75	1559	98.9,92.4
90	1.741	0.7278	0.0294	0.4932	1.561	5.731	10.67	5.888	80- 90	14.37	1574	99.8,93.3
100	0.7722	0.0382	0.0378	0.0398	0.2702	0.1574	2.180	0.1682	90-100	1.746	1575	99.9,93.4
110	0.1853	0.0489	0.0449	0.0574	0.1973	0.2348	0.1703	0.2497	100-110	0.1813	1575	99.9,93.4
120	0.1596	0.0661	0.0594	0.0881	0.2774	0.3653	0.2744	0.3725	110-120	0.1652	1576	99.9,93.4
130	0.2414	0.1070	0.0813	0.1450	0.4163	0.5937	0.5544	0.5741	120-130	0.2416	1576	99.9,93.4
140	0.3398	0.1958	0.1423	0.2394	0.5425	0.7742	0.8264	0.7363	130-140	0.3171	1576	99.9,93.4
150	0.4341	0.3431	0.2562	0.3617	0.6647	0.8497	0.9908	0.8433	140-150	0.3349	1577	100,93.5
160	0.5712	0.5218	0.4163	0.5102	0.7909	0.8520	0.9746	0.8675	150-160	0.2965	1577	100,93.5
170	0.6621	0.6607	0.5720	0.5938	0.8425	0.7908	0.7641	0.7277	160-170	0.1991	1577	100,93.5
180	0.8213	0.7552	0.6594	0.6312	0.8236	0.7855	0.6811	0.6409	170-180	0.0665	1577	100,93.5
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1071.8 lm

%lum = 68.0%

%lamp = 63.5%

Conical surface Flux(120deg): 1386.3 lm

%lum = 87.9%

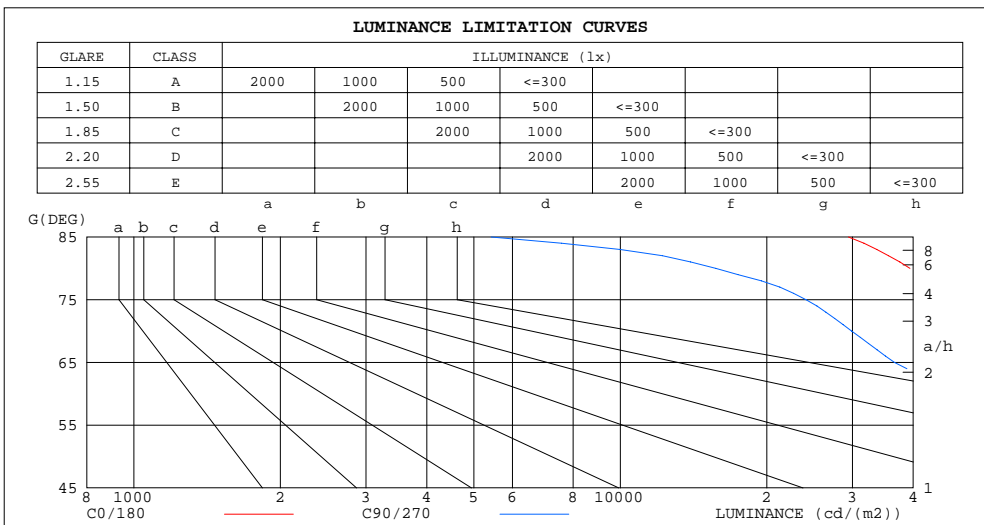
%lamp = 82.2%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 24 March 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 41.2%
 Test Distance: 2.500m [K=1.0477]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.00V I:0.1001A P:11.930W PF:0.9929 Freq:60.00Hz Lamp Flux:1574.76x1 lm		
NAME: LED Wallpack	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	29445	5428
80	39376	15714
75	48896	24087
70	58803	29896
65	68633	36630
60	79128	46264
55	90735	59143
50	103259	79752
45	116106	108159

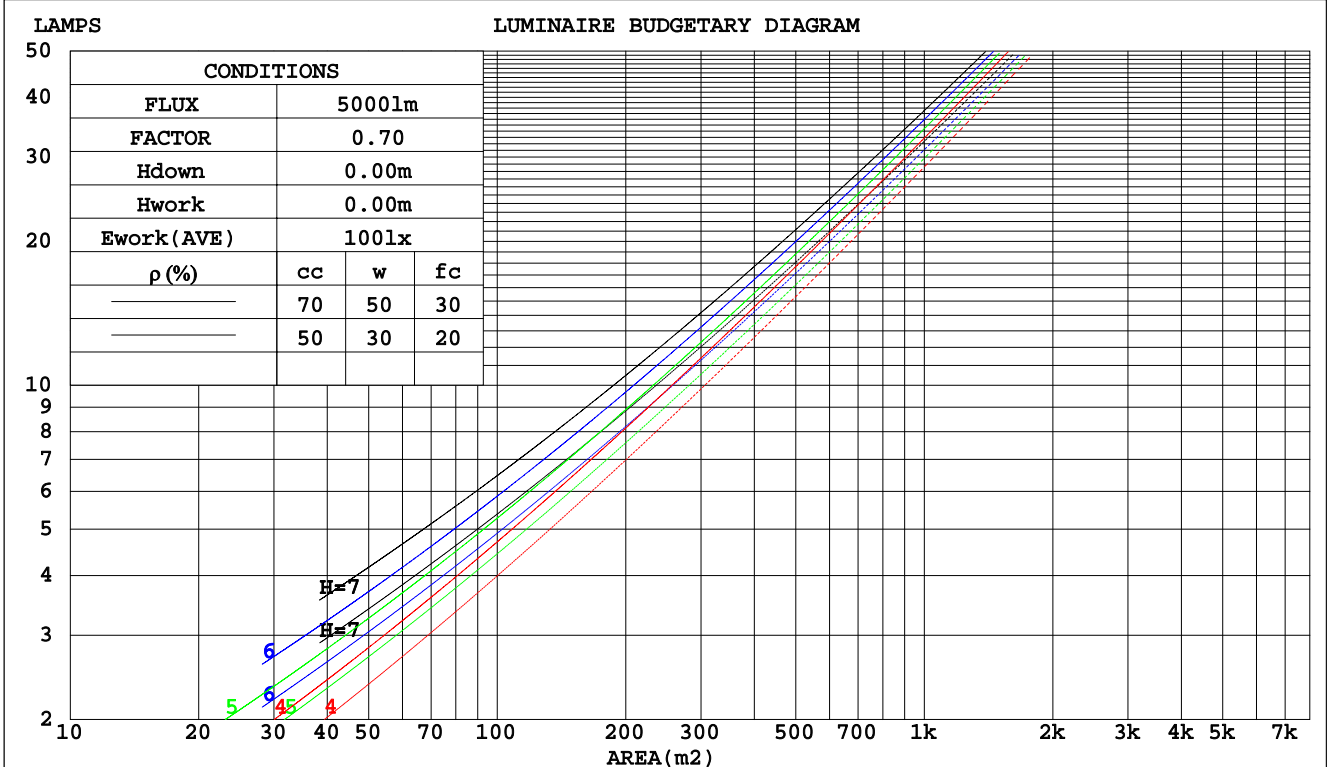
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 24 March 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 41.2%
 Test Distance: 2.500m [K=1.0477]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.00V I:0.1001A P:11.930W PF:0.9929 Freq:60.00Hz Lamp Flux:1574.76x1 lm		
NAME: LED Wallpack	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
0.0	1.11	1.11	1.11	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.95	.95	.95	.93
1.0	.00	.96	.93	.97	.94	.92	.94	.91	.89	.90	.88	.86	.87	.85	.83	.82
2.0	.89	.83	.79	.87	.82	.78	.84	.80	.76	.81	.77	.74	.78	.75	.73	.71
3.0	.80	.73	.68	.78	.72	.67	.75	.70	.66	.73	.68	.65	.71	.67	.64	.62
4.0	.72	.64	.59	.71	.64	.59	.68	.62	.58	.66	.61	.57	.64	.60	.56	.54
5.0	.65	.58	.52	.64	.57	.52	.62	.56	.51	.60	.55	.51	.59	.54	.50	.48
6.0	.59	.52	.46	.58	.51	.46	.57	.50	.46	.55	.50	.45	.54	.49	.45	.43
7.0	.54	.47	.42	.54	.47	.42	.52	.46	.41	.51	.45	.41	.50	.45	.41	.39
8.0	.50	.43	.38	.49	.43	.38	.48	.42	.37	.47	.41	.37	.46	.41	.37	.35
9.0	.46	.39	.34	.46	.39	.34	.45	.39	.34	.44	.38	.34	.43	.38	.34	.32
10.0	.43	.36	.32	.43	.36	.32	.42	.36	.31	.41	.35	.31	.40	.35	.31	.30



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 24 March 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 41.2%
 Test Distance: 2.500m [K=1.0477]
 Remarks:

WEC AND CCEC

Test:U:120.00V I:0.1001A P:11.930W PF:0.9929 Freq:60.00Hz Lamp Flux:1574.76x1 lm		
NAME: LED Wallpack	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:	Shielding Angle:

ρcc	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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.242	.138	.044	.235	.134	.043	.223	.128	.041	.212	.122	.039	.201	.117	.038	
2.0	.231	.127	.039	.226	.124	.038	.215	.120	.037	.205	.115	.036	.196	.111	.035	
3.0	.218	.116	.035	.213	.114	.034	.203	.110	.033	.195	.107	.033	.187	.103	.032	
4.0	.204	.106	.031	.199	.104	.031	.191	.101	.030	.183	.098	.030	.176	.096	.029	
5.0	.191	.097	.028	.187	.096	.028	.179	.093	.027	.173	.091	.027	.166	.089	.027	
6.0	.179	.090	.026	.175	.088	.025	.169	.086	.025	.163	.084	.025	.157	.083	.025	
7.0	.168	.083	.024	.165	.082	.023	.159	.080	.023	.153	.079	.023	.148	.077	.023	
8.0	.158	.077	.022	.155	.076	.022	.150	.075	.021	.145	.074	.021	.141	.072	.021	
9.0	.149	.072	.020	.147	.071	.020	.142	.070	.020	.138	.069	.020	.133	.068	.020	
10.0	.141	.068	.019	.139	.067	.019	.135	.066	.019	.131	.065	.018	.127	.064	.018	

ρcc	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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.180	.180	.180	.154	.154	.154	.105	.105	.105	.060	.060	.060	.019	.019	.019	
1.0	.167	.148	.131	.143	.127	.113	.098	.087	.078	.056	.051	.045	.018	.016	.015	
2.0	.157	.125	.098	.135	.108	.085	.092	.075	.059	.053	.043	.035	.017	.014	.011	
3.0	.149	.108	.076	.127	.093	.066	.088	.065	.046	.051	.038	.027	.016	.012	.009	
4.0	.141	.095	.061	.121	.082	.053	.083	.057	.037	.048	.034	.022	.015	.011	.007	
5.0	.134	.085	.049	.115	.074	.043	.079	.052	.030	.046	.030	.018	.015	.010	.006	
6.0	.127	.077	.041	.110	.067	.036	.076	.047	.025	.044	.028	.015	.014	.009	.005	
7.0	.121	.071	.035	.104	.061	.031	.072	.043	.022	.042	.025	.013	.014	.008	.004	
8.0	.116	.065	.030	.100	.057	.027	.069	.040	.019	.040	.023	.011	.013	.008	.004	
9.0	.111	.061	.027	.095	.053	.023	.066	.037	.017	.038	.022	.010	.012	.007	.003	
10.0	.106	.057	.024	.091	.049	.021	.063	.035	.015	.037	.020	.009	.012	.007	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 24 March 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 41.2%
 Test Distance: 2.500m [K=1.0477]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.00V I:0.1001A P:11.930W PF:0.9929 Freq:60.00Hz Lamp Flux:1574.76x1 lm										
NAME: LED Wallpack					TYPE: LED			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: ASD Lighting Corp.					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	31.2	32.6	31.6	33.0	33.3	25.0	26.5	25.4	26.8	27.1
3H	32.1	33.4	32.5	33.8	34.1	25.7	27.0	26.1	27.4	27.7
4H	32.4	33.6	32.8	33.9	34.3	25.9	27.1	26.3	27.5	27.9
6H	32.5	33.6	32.9	34.0	34.4	26.0	27.1	26.4	27.5	27.9
8H	32.5	33.6	32.9	34.0	34.4	26.0	27.1	26.4	27.5	27.9
12H	32.5	33.5	32.9	33.9	34.3	26.0	27.0	26.4	27.4	27.8
4H 2H	31.3	32.5	31.7	32.9	33.3	26.4	27.6	26.8	28.0	28.4
3H	32.5	33.5	32.9	33.9	34.3	27.2	28.2	27.6	28.6	29.0
4H	32.9	33.8	33.4	34.2	34.7	27.4	28.3	27.9	28.7	29.2
6H	33.1	33.9	33.6	34.4	34.8	27.5	28.3	28.0	28.8	29.2
8H	33.2	33.9	33.6	34.4	34.8	27.5	28.2	28.0	28.7	29.2
12H	33.2	33.8	33.7	34.3	34.8	27.5	28.1	28.0	28.6	29.1
8H 4H	32.9	33.6	33.4	34.1	34.6	28.0	28.7	28.5	29.2	29.6
6H	33.2	33.8	33.7	34.3	34.8	28.1	28.7	28.6	29.2	29.7
8H	33.3	33.8	33.8	34.4	34.8	28.1	28.7	28.7	29.2	29.7
12H	33.4	33.8	33.9	34.3	34.9	28.1	28.6	28.6	29.1	29.7
12H 4H	32.9	33.5	33.4	34.0	34.5	28.1	28.7	28.6	29.2	29.7
6H	33.2	33.7	33.7	34.2	34.7	28.2	28.8	28.8	29.2	29.8
8H	33.3	33.8	33.8	34.3	34.8	28.3	28.7	28.8	29.2	29.8
CIE190: 2010										

CIE190: 2010
Area: 0.005 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 24 March 2022

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 41.2%
Test Distance: 2.500m [K=1.0477]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.00V I:0.1001A P:11.930W PF:0.9929 Freq:60.00Hz Lamp Flux:1574.76x1 lm		
NAME: LED Wallpack	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:	Shielding Angle:

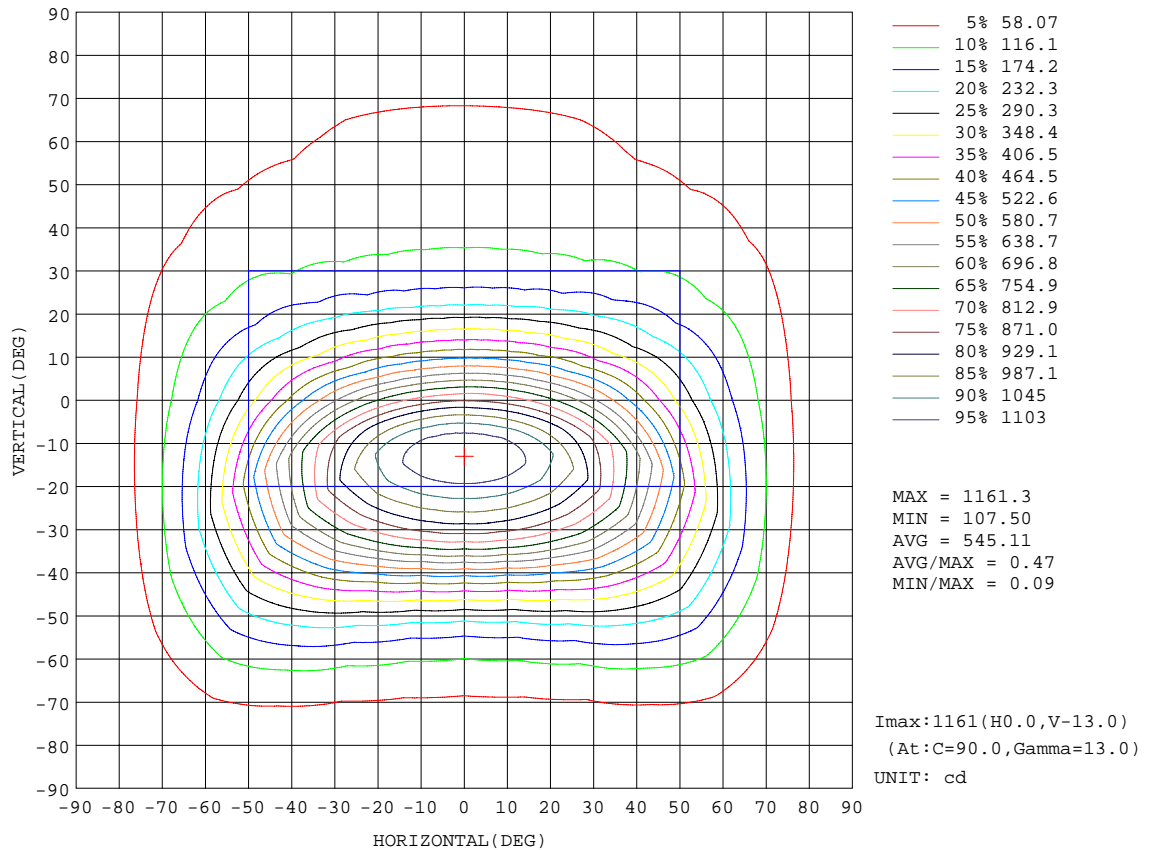
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	62	52	46	61	52	46	60	51	46	41
0.80	71	61	56	70	61	55	68	60	55	49
1.00	78	69	63	77	69	63	75	69	63	57
1.25	84	76	70	83	75	70	80	74	69	63
1.50	88	80	75	87	80	74	84	78	73	67
2.00	93	87	82	92	86	81	89	84	80	73
2.50	96	90	86	94	89	85	91	87	83	76
3.00	99	93	89	97	92	88	93	89	86	79
4.00	102	97	94	100	96	93	96	93	90	82
5.00	104	100	97	101	98	95	97	95	92	84
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: 25.0DEG
 Operators: Alan Wang
 Test Date: 24 March 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 41.2%
 Test Distance: 2.500m [K=1.0477]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.00V I:0.1001A P:11.930W PF:0.9929 Freq:60.00Hz Lamp Flux:1574.76x1 lm		
NAME: LED Wallpack	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:	Shielding Angle:

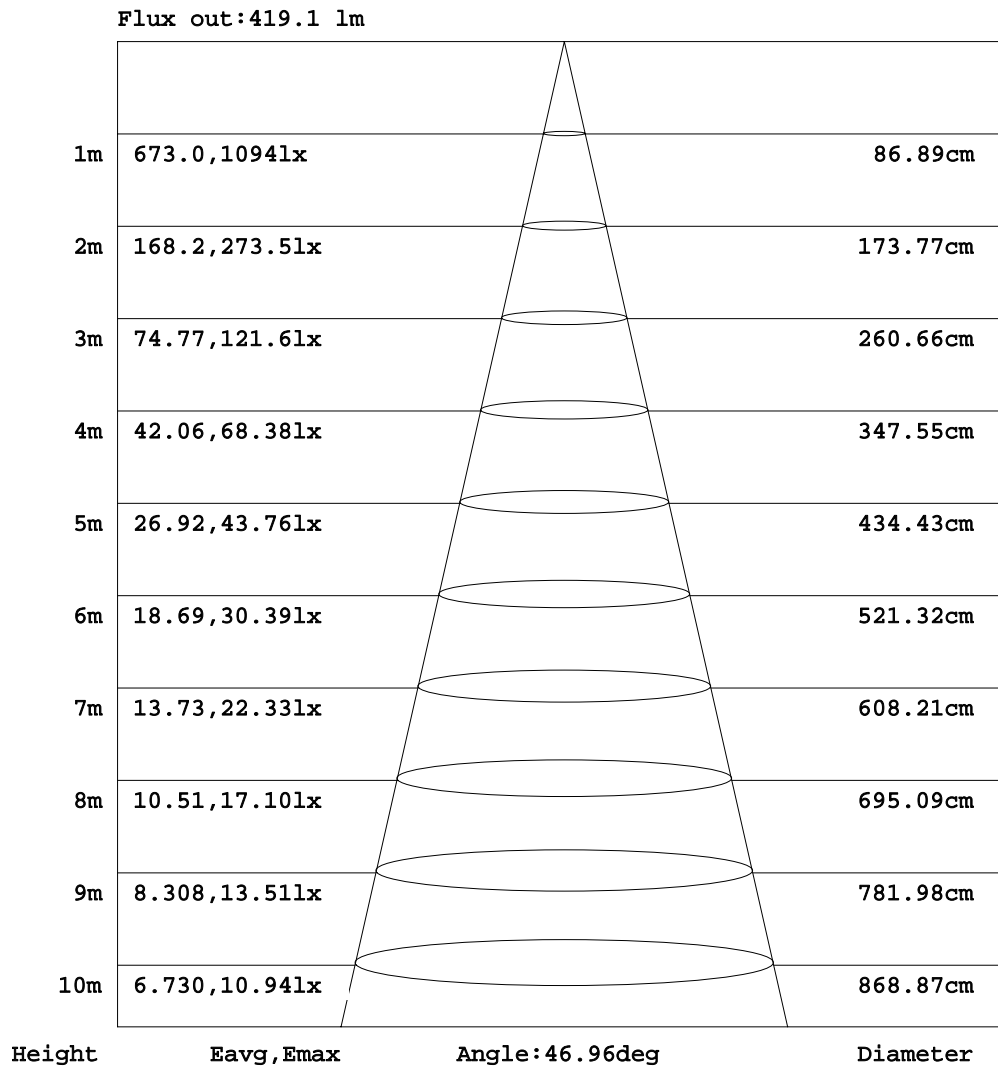


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 24 March 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 41.2%
 Test Distance: 2.500m [K=1.0477]
 Remarks:

AAI Figure

Test:U:120.00V I:0.1001A P:11.930W PF:0.9929 Freq:60.00Hz Lamp Flux:1574.76x1 lm		
NAME: LED Wallpack	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:	Shielding Angle:



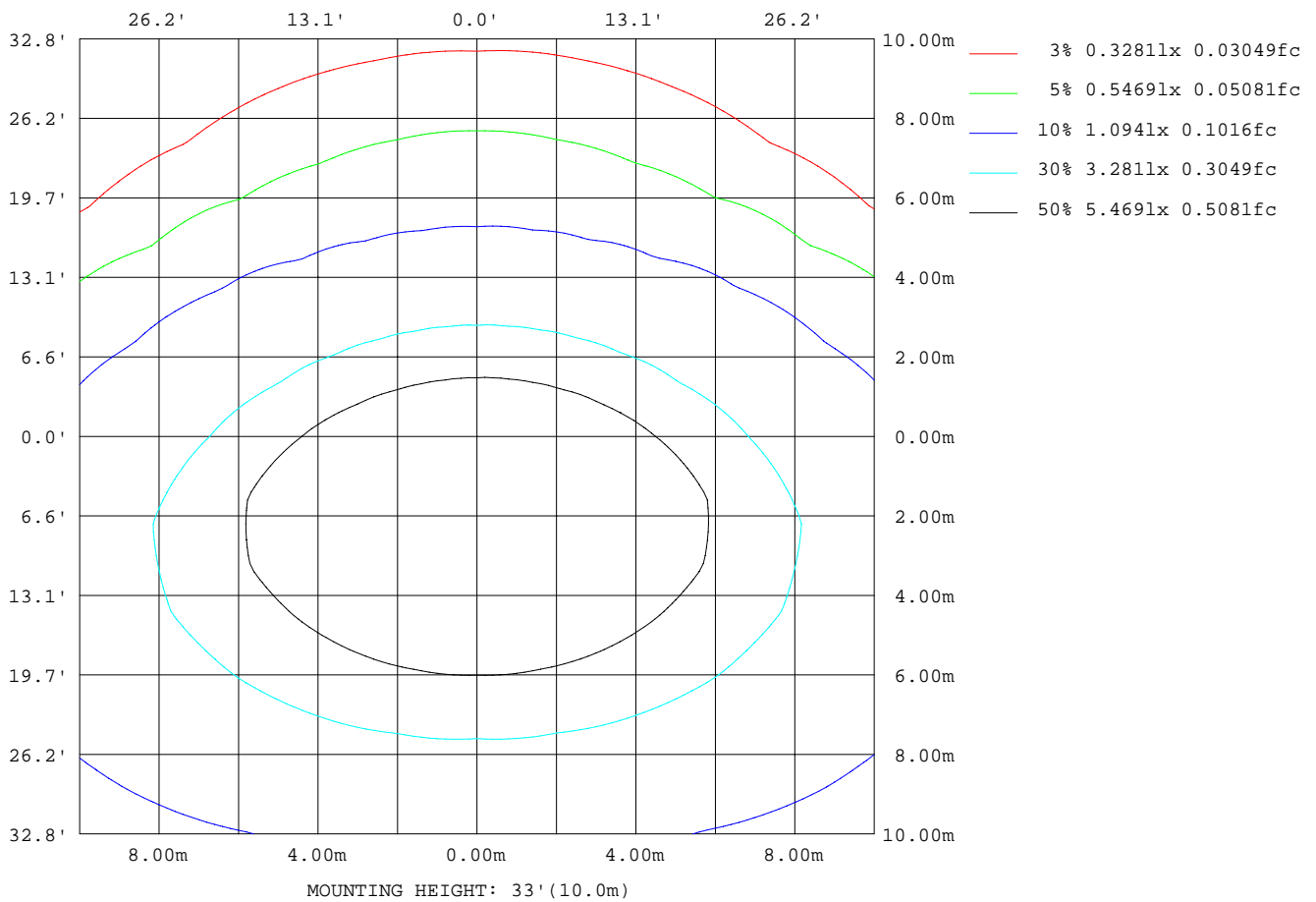
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators:Alan Wang
 Test Date:24 March 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 41.2%
 Test Distance:2.500m [K=1.0477]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.00V I:0.1001A P:11.930W PF:0.9929 Freq:60.00Hz Lamp Flux:1574.76x1 lm		
NAME: LED Wallpack	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 24 March 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 41.2%
 Test Distance: 2.500m [K=1.0477]
 Remarks:

LED Avg.L Report

Test:U:120.00V I:0.1001A P:11.930W PF:0.9929 Freq:60.00Hz Lamp Flux:1574.76x1 lm		
NAME: LED Wallpack	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:	Shielding Angle:

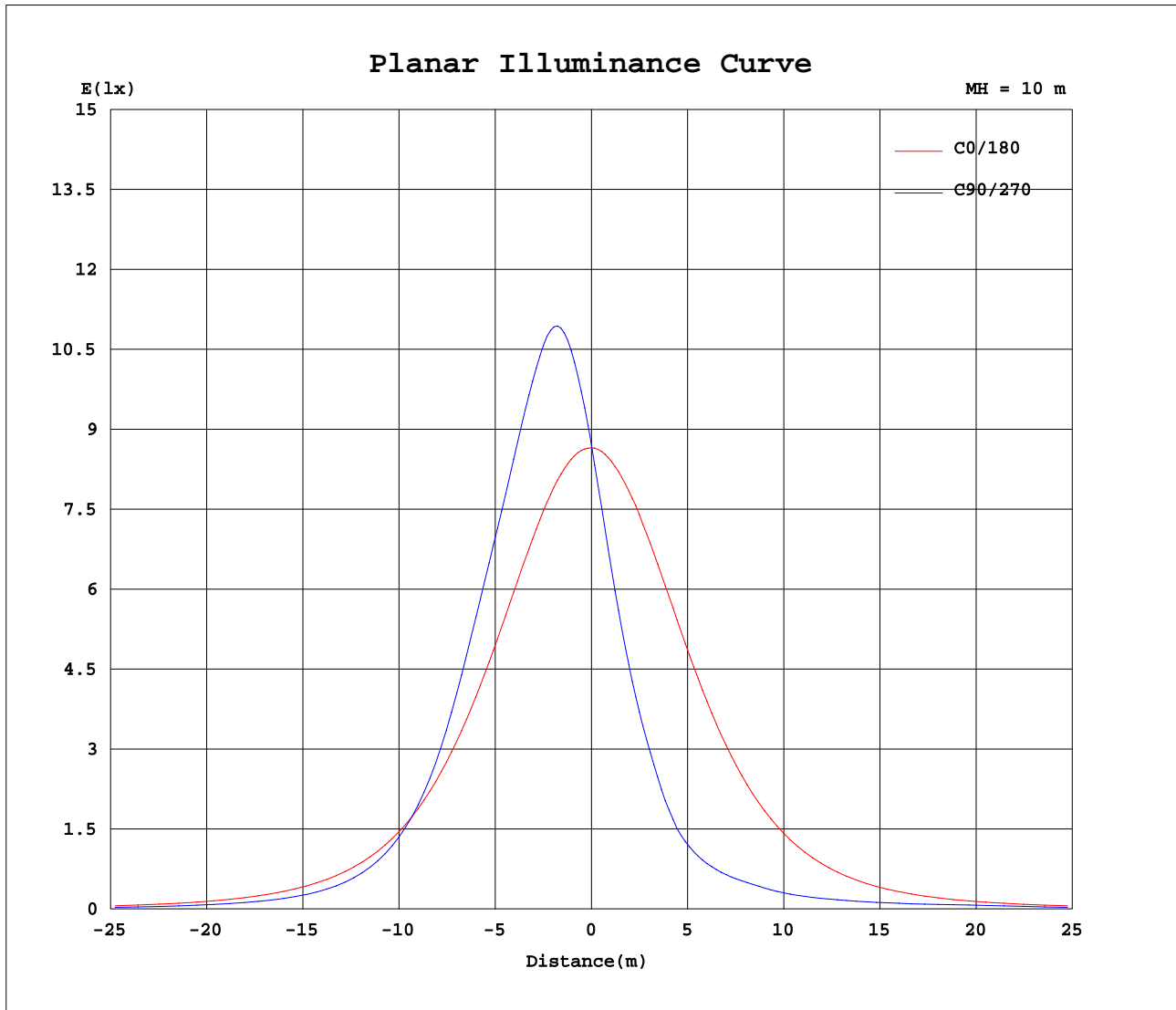
AvgL	cd/m2
L_0~180(65)av	67878
L_0~180(75)av	48910
L_0~180(85)av	30482
L_90~270(65)av	36416
L_90~270(75)av	26506
L_90~270(85)av	20638
L_45(65)av	54884
L_45(75)av	38494
L_45(85)av	26547

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 24 March 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 41.2%
Test Distance: 2.500m [K=1.0477]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 24 March 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 41.2%
 Test Distance: 2.500m [K=1.0477]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.00V I:0.1001A P:11.930W PF:0.9929 Freq:60.00Hz Lamp Flux:1574.76x1 lm		
NAME: LED Wallpack	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	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	865	865	866	867	868	869	871	871	872	872	871	871	865	865	866	867	868	869	871
5	860	907	950	987	1014	1031	1037	1032	1016	989	953	910	857	810	767	730	703	687	682
10	842	934	1015	1078	1118	1139	1146	1139	1119	1077	1014	933	835	743	659	594	548	522	514
15	811	946	1055	1121	1147	1151	1151	1150	1145	1120	1054	943	800	666	553	473	419	390	381
20	767	940	1063	1106	1105	1097	1093	1096	1105	1106	1062	937	756	585	457	370	315	281	271
25	711	918	1038	1050	1030	1011	1004	1010	1030	1053	1038	913	699	504	371	284	223	192	185
30	646	877	983	970	936	907	895	907	936	974	984	872	633	426	296	206	161	145	142
35	572	818	907	873	819	760	736	762	820	876	910	813	559	354	230	153	128	119	117
40	493	742	812	759	663	576	547	579	668	762	818	738	480	288	174	123	108	104	103
45	410	649	701	623	496	408	382	413	503	630	710	649	401	231	134	102	94.7	87.8	85.6
50	332	544	579	480	355	278	256	283	361	488	590	547	325	180	108	87.5	80.4	76.1	76.2
55	260	436	456	353	246	187	170	189	252	360	466	440	255	140	89.0	76.7	69.9	70.5	71.8
60	198	332	342	250	167	127	116	128	172	257	350	335	194	107	73.8	65.9	63.7	69.0	72.7
65	145	240	243	172	110	85.6	77.4	86.8	115	177	249	241	142	81.6	61.5	57.1	62.5	72.2	76.5
70	101	161	162	111	70.3	55.4	51.1	56.3	72.9	114	166	162	98.7	60.3	50.0	47.4	49.5	50.5	52.3
75	63.3	97.9	98.2	65.6	41.9	33.5	31.2	33.8	43.1	67.5	101	99.1	63.3	41.8	36.5	33.0	34.8	37.0	37.4
80	34.2	49.5	49.0	32.4	19.7	14.6	13.6	15.2	20.2	33.4	51.0	51.1	35.0	26.1	24.7	22.7	23.6	24.9	25.4
85	12.8	16.9	15.3	9.58	4.14	2.60	2.37	2.69	4.30	9.45	15.6	17.8	13.7	13.3	13.7	13.4	14.2	15.3	15.6
90	1.74	1.58	1.15	0.73	0.32	0.07	0.03	0.04	0.18	0.49	0.87	1.25	1.56	2.71	4.35	5.73	7.02	9.22	10.7
95	1.19	0.94	0.64	0.41	0.17	0.03	0.03	0.03	0.06	0.20	0.05	0.07	0.53	0.46	1.21	2.15	3.62	5.13	5.41
100	0.77	0.12	0.44	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.11	0.06	0.27	0.27	0.23	0.16	0.12	1.84	2.18
105	0.46	0.11	0.23	0.08	0.04	0.04	0.04	0.04	0.04	0.05	0.06	0.08	0.18	0.22	0.23	0.20	0.16	0.12	0.11
110	0.19	0.09	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.07	0.10	0.20	0.24	0.26	0.23	0.19	0.15	0.17
115	0.12	0.09	0.07	0.06	0.05	0.05	0.05	0.05	0.06	0.07	0.09	0.12	0.22	0.27	0.29	0.29	0.24	0.20	0.19
120	0.16	0.12	0.08	0.07	0.06	0.06	0.06	0.06	0.07	0.09	0.12	0.16	0.28	0.32	0.36	0.37	0.33	0.29	0.27
125	0.20	0.15	0.11	0.08	0.07	0.07	0.07	0.07	0.08	0.11	0.16	0.20	0.34	0.40	0.44	0.47	0.45	0.42	0.40
130	0.24	0.19	0.14	0.11	0.09	0.08	0.08	0.09	0.11	0.14	0.20	0.24	0.42	0.48	0.54	0.59	0.60	0.57	0.55
135	0.29	0.25	0.19	0.14	0.12	0.11	0.11	0.12	0.14	0.19	0.25	0.30	0.48	0.55	0.62	0.69	0.72	0.72	0.71
140	0.34	0.30	0.25	0.20	0.16	0.15	0.14	0.15	0.19	0.24	0.29	0.34	0.54	0.60	0.67	0.77	0.82	0.84	0.83
145	0.39	0.36	0.32	0.26	0.22	0.20	0.19	0.21	0.25	0.30	0.34	0.37	0.61	0.66	0.72	0.83	0.91	0.94	0.93
150	0.43	0.43	0.39	0.34	0.30	0.27	0.26	0.28	0.31	0.36	0.39	0.40	0.66	0.70	0.74	0.85	0.94	1.00	0.99
155	0.50	0.52	0.49	0.44	0.40	0.37	0.35	0.38	0.41	0.45	0.46	0.45	0.72	0.72	0.79	0.84	0.93	1.00	1.01
160	0.57	0.58	0.56	0.52	0.48	0.44	0.42	0.47	0.49	0.51	0.51	0.49	0.79	0.78	0.79	0.85	0.89	0.95	0.97
165	0.61	0.65	0.64	0.61	0.58	0.54	0.52	0.56	0.59	0.58	0.56	0.53	0.82	0.82	0.80	0.82	0.85	0.87	0.89
170	0.66	0.69	0.69	0.66	0.62	0.60	0.57	0.61	0.62	0.59	0.56	0.55	0.84	0.84	0.81	0.79	0.78	0.77	0.76
175	0.73	0.74	0.73	0.70	0.67	0.64	0.61	0.63	0.64	0.63	0.61	0.61	0.84	0.84	0.82	0.79	0.75	0.73	0.71
180	0.82	0.82	0.79	0.76	0.72	0.68	0.66	0.64	0.63	0.63	0.63	0.66	0.82	0.82	0.82	0.79	0.75	0.71	0.68

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 24 March 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 41.2%
 Test Distance: 2.500m [K=1.0477]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.00V I:0.1001A P:11.930W PF:0.9929 Freq:60.00Hz Lamp Flux:1574.76x1 lm		
NAME: LED Wallpack	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	871	872	872	871	871														
5	689	708	737	773	819														
10	524	552	601	669	754														
15	392	424	479	564	679														
20	284	320	377	466	598														
25	194	227	291	380	517														
30	146	163	211	305	438														
35	120	129	157	239	365														
40	104	108	125	181	298														
45	88.6	94.7	103	138	238														
50	76.0	80.9	88.1	110	187														
55	69.9	69.8	77.0	90.3	145														
60	68.7	63.5	66.7	74.4	111														
65	71.4	62.0	57.0	61.4	84.2														
70	49.6	50.1	47.3	49.7	61.9														
75	36.5	34.2	33.2	36.7	42.2														
80	24.6	23.4	22.9	24.6	26.0														
85	15.2	14.4	13.8	14.3	13.2														
90	9.06	6.86	5.89	4.50	2.83														
95	4.91	3.64	2.54	0.62	0.96														
100	1.33	0.13	0.17	0.66	0.18														
105	0.13	0.29	0.23	0.42	0.22														
110	0.16	0.20	0.25	0.27	0.24														
115	0.21	0.25	0.30	0.30	0.26														
120	0.29	0.33	0.37	0.36	0.32														
125	0.41	0.44	0.47	0.44	0.39														
130	0.56	0.58	0.57	0.53	0.47														
135	0.70	0.69	0.66	0.61	0.54														
140	0.80	0.78	0.74	0.66	0.59														
145	0.90	0.87	0.80	0.70	0.64														
150	0.96	0.92	0.84	0.74	0.68														
155	1.00	0.94	0.86	0.81	0.73														
160	0.96	0.94	0.87	0.83	0.78														
165	0.89	0.89	0.84	0.81	0.77														
170	0.77	0.77	0.73	0.74	0.73														
175	0.67	0.71	0.68	0.71	0.70														
180	0.66	0.64	0.64	0.64	0.64														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 24 March 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 41.2%
 Test Distance: 2.500m [K=1.0477]
 Remarks: