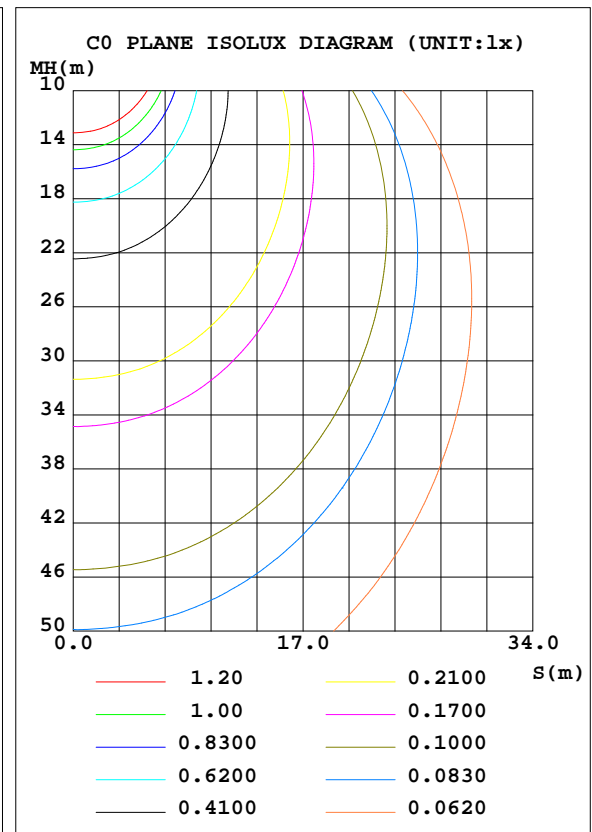
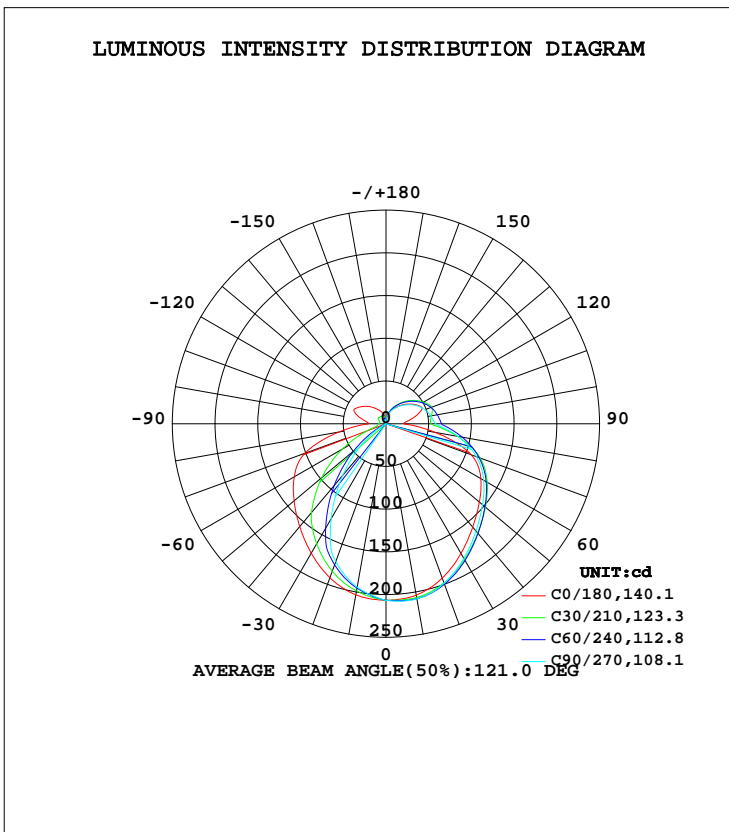


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.00V I:0.1191A P:13.160W PF:0.9208 Freq:60.00Hz Lamp Flux:783.685x1 lm		
NAME: LED Wall Pack	TYPE:LED	WEIGHT:
SPEC.:LVF25M-3D15AC-BK_5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 59.55 lm/W			
MODEL	LVF25M-3D15AC-BK	I <sub>max</sub> (cd)	208.8	S/MH(C0/180)	1.26
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	1.01
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	783.68	η UP, DN(C0-180)	16.5,52.5
NOMINAL FLUX(lm)	783.685	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	3.6,27.4
LAMPS INSIDE	1	η up(%)	20.2	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	79.8	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.0DEG  
 Operators: Alan Wang  
 Test Date: 26 August 2023

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity: 42.7%  
 Test Distance: 2.500m [K=1.0391]  
 Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	203.7	207.4	208.2	207.4	203.4	196.9	194.2	197.7	0- 10	19.50	19.50	2.49,2.49
20	192.3	199.5	198.8	199.4	191.8	179.7	171.8	180.6	10- 20	55.50	75.00	9.57,9.57
30	175.4	184.9	182.2	184.7	175.0	154.6	128.4	156.1	20- 30	82.62	157.6	20.1,20.1
40	157.9	167.9	163.9	167.7	157.0	112.6	78.69	116.3	30- 40	96.56	254.2	32.4,32.4
50	142.7	151.8	147.5	150.7	140.5	69.09	35.26	73.22	40- 50	98.59	352.8	45,45
60	128.1	135.6	132.0	133.5	124.0	27.99	6.062	31.82	50- 60	91.81	444.6	56.7,56.7
70	106.1	116.0	112.6	113.5	100.9	3.033	0.1081	4.388	60- 70	79.17	523.7	66.8,66.8
80	58.49	90.14	85.55	87.73	56.13	2.315	0.1311	3.294	70- 80	61.48	585.2	74.7,74.7
90	20.81	64.16	57.93	60.66	20.45	2.285	0.1485	3.160	80- 90	40.55	625.8	79.8,79.8
100	29.32	61.42	53.18	58.44	27.27	2.276	0.1685	3.086	90-100	31.54	657.3	83.9,83.9
110	43.09	57.51	48.50	55.29	39.04	2.228	0.1672	3.170	100-110	31.92	689.2	87.9,87.9
120	43.08	50.83	42.15	48.83	38.18	3.322	0.6681	4.668	110-120	30.17	719.4	91.8,91.8
130	36.05	42.81	34.89	41.16	31.96	5.778	1.664	7.785	120-130	24.48	743.9	94.9,94.9
140	28.69	34.30	27.76	33.05	25.64	6.793	2.076	8.501	130-140	17.89	761.8	97.2,97.2
150	21.81	25.84	21.23	25.05	19.34	6.961	2.594	7.882	140-150	11.64	773.4	98.7,98.7
160	15.70	17.85	15.32	17.48	14.69	7.411	3.874	6.196	150-160	6.717	780.1	99.5,99.5
170	9.136	10.66	10.08	10.60	8.885	5.507	4.824	4.982	160-170	3.010	783.1	99.9,99.9
180	3.510	3.195	1.828	2.516	2.977	3.229	2.163	1.977	170-180	0.5534	783.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 303.85 lm

%lum = 38.8%

%lamp = 38.8%

Conical surface Flux(120deg): 444.57 lm

%lum = 56.7%

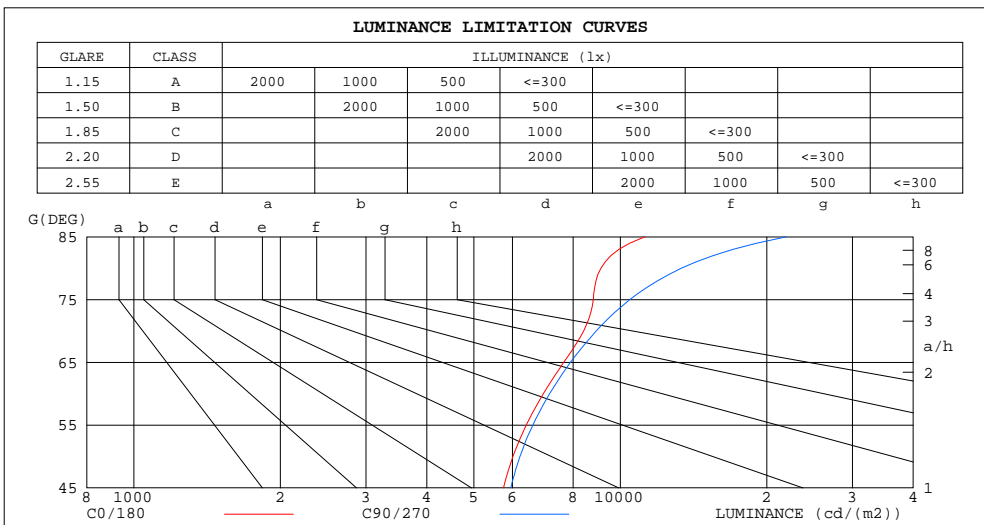
%lamp = 56.7%

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.0DEG  
 Operators: Alan Wang  
 Test Date: 26 August 2023

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity: 42.7%  
 Test Distance: 2.500m [K=1.0391]  
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.00V I:0.1191A P:13.160W PF:0.9208 Freq:60.00Hz Lamp Flux:783.685x1 lm		
NAME: LED Wall Pack	TYPE:LED	WEIGHT:
SPEC.:LVF25M-3D15AC-BK_5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	11229	21926
80	9128	13351
75	8795	10460
70	8405	8919
65	7647	7896
60	6944	7154
55	6407	6611
50	6017	6218
45	5752	5956

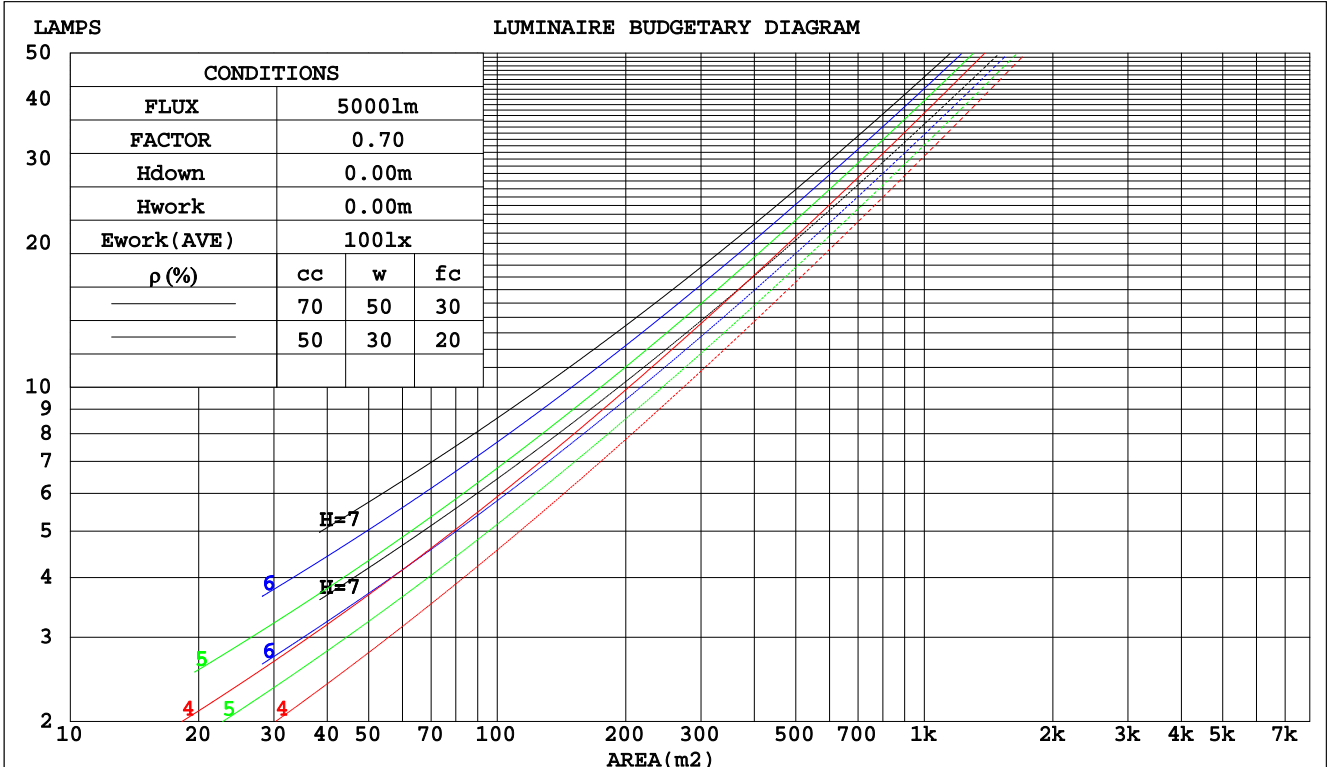
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.0DEG  
 Operators: Alan Wang  
 Test Date: 26 August 2023

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity: 42.7%  
 Test Distance: 2.500m [K=1.0391]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.00V I:0.1191A P:13.160W PF:0.9208 Freq:60.00Hz Lamp Flux:783.685x1 lm		
NAME: LED Wall Pack	TYPE:LED	WEIGHT:
SPEC.:LVF25M-3D15AC-BK_5000K	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	1.14	1.14	1.14	1.09	1.09	1.09	.00	.00	.00	.91	.91	.91	.84	.84	.84	.80
1.0	.97	.92	.88	.93	.88	.84	.85	.81	.78	.77	.75	.72	.71	.69	.67	.63
2.0	.84	.77	.70	.80	.74	.68	.73	.68	.63	.67	.63	.59	.61	.58	.55	.51
3.0	.73	.65	.58	.70	.62	.56	.64	.58	.53	.59	.54	.49	.54	.50	.46	.43
4.0	.65	.56	.49	.62	.54	.47	.57	.50	.45	.52	.46	.42	.48	.43	.39	.36
5.0	.58	.49	.42	.55	.47	.41	.51	.44	.38	.47	.41	.36	.43	.38	.34	.31
6.0	.52	.43	.36	.50	.41	.35	.46	.39	.33	.42	.36	.32	.39	.34	.30	.27
7.0	.47	.38	.32	.45	.37	.31	.42	.35	.30	.39	.33	.28	.36	.30	.26	.24
8.0	.43	.34	.28	.41	.33	.28	.38	.31	.26	.35	.29	.25	.33	.28	.24	.22
9.0	.39	.31	.25	.38	.30	.25	.35	.28	.24	.33	.27	.23	.30	.25	.21	.19
10.0	.36	.28	.23	.35	.27	.22	.32	.26	.21	.30	.24	.20	.28	.23	.19	.18



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.0DEG  
 Operators: Alan Wang  
 Test Date: 26 August 2023

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity: 42.7%  
 Test Distance: 2.500m [K=1.0391]  
 Remarks:

WEC AND CCEC

Test:U:120.00V I:0.1191A P:13.160W PF:0.9208 Freq:60.00Hz Lamp Flux:783.685x1 lm		
NAME: LED Wall Pack	TYPE:LED	WEIGHT:
SPEC.:LVF25M-3D15AC-BK_5000K	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	.348	.198	.063	.335	.191	.061	.310	.178	.057	.287	.166	.053	.266	.154	.050	
2.0	.309	.169	.052	.297	.164	.050	.275	.153	.047	.254	.142	.045	.235	.133	.042	
3.0	.278	.148	.044	.267	.143	.043	.247	.134	.041	.228	.125	.038	.211	.117	.036	
4.0	.253	.131	.039	.243	.127	.038	.224	.119	.036	.207	.111	.034	.191	.104	.032	
5.0	.231	.118	.034	.222	.114	.033	.206	.107	.032	.190	.100	.030	.175	.094	.028	
6.0	.213	.107	.031	.205	.103	.030	.189	.097	.028	.175	.091	.027	.162	.085	.025	
7.0	.197	.097	.028	.190	.095	.027	.176	.089	.026	.163	.083	.024	.150	.078	.023	
8.0	.183	.090	.025	.177	.087	.025	.164	.082	.023	.152	.077	.022	.140	.072	.021	
9.0	.171	.083	.023	.165	.081	.023	.153	.076	.021	.142	.071	.020	.131	.067	.019	
10.0	.161	.077	.021	.155	.075	.021	.144	.071	.020	.134	.066	.019	.124	.062	.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	.344	.344	.344	.294	.294	.294	.201	.201	.201	.115	.115	.115	.037	.037	.037	
1.0	.338	.311	.286	.289	.267	.246	.198	.183	.170	.114	.106	.099	.036	.034	.032	
2.0	.330	.288	.252	.283	.248	.218	.194	.171	.152	.112	.100	.089	.036	.032	.029	
3.0	.323	.271	.230	.277	.234	.199	.190	.162	.140	.110	.095	.082	.035	.031	.027	
4.0	.315	.258	.215	.270	.223	.187	.186	.156	.132	.108	.091	.078	.035	.030	.026	
5.0	.308	.249	.205	.264	.215	.178	.182	.150	.126	.105	.088	.075	.034	.029	.025	
6.0	.300	.241	.198	.258	.208	.172	.178	.146	.122	.103	.086	.072	.033	.028	.024	
7.0	.294	.234	.192	.253	.203	.167	.174	.142	.119	.101	.084	.071	.033	.027	.023	
8.0	.287	.228	.188	.247	.198	.164	.171	.139	.116	.099	.082	.069	.032	.027	.023	
9.0	.281	.224	.185	.242	.194	.161	.168	.136	.114	.098	.081	.068	.032	.026	.023	
10.0	.275	.220	.182	.237	.191	.159	.165	.134	.113	.096	.079	.067	.031	.026	.022	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.0DEG  
 Operators: Alan Wang  
 Test Date: 26 August 2023

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity: 42.7%  
 Test Distance: 2.500m [K=1.0391]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.00V I:0.1191A P:13.160W PF:0.9208 Freq:60.00Hz Lamp Flux:783.685x1 lm		
NAME: LED Wall Pack	TYPE:LED	WEIGHT:
SPEC.:LVF25M-3D15AC-BK_5000K	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	19.4	20.7	19.9	21.2	21.8	19.4	20.7	19.9	21.2	21.8
3H	21.9	23.1	22.5	23.6	24.3	21.9	23.1	22.5	23.7	24.3
4H	23.0	24.1	23.6	24.7	25.4	23.2	24.4	23.8	24.9	25.6
6H	23.9	25.0	24.5	25.6	26.2	24.6	25.6	25.2	26.2	26.9
8H	24.3	25.3	24.9	25.9	26.6	25.3	26.3	25.9	26.9	27.6
12H	24.6	25.6	25.2	26.2	26.9	26.1	27.0	26.7	27.7	28.4
4H 2H	20.3	21.4	20.9	22.0	22.6	20.3	21.4	20.9	22.0	22.6
3H	23.0	24.0	23.6	24.6	25.3	23.0	24.0	23.6	24.6	25.3
4H	24.3	25.2	24.9	25.8	26.6	24.5	25.4	25.1	26.0	26.7
6H	25.4	26.2	26.0	26.8	27.6	26.0	26.8	26.7	27.5	28.2
8H	25.8	26.6	26.5	27.3	28.1	26.8	27.5	27.5	28.2	29.0
12H	26.2	26.9	26.9	27.6	28.4	27.7	28.3	28.4	29.0	29.9
8H 4H	24.9	25.6	25.6	26.3	27.1	25.0	25.8	25.7	26.5	27.2
6H	26.3	26.9	27.0	27.6	28.5	26.8	27.5	27.6	28.2	29.0
8H	27.0	27.5	27.7	28.3	29.1	27.8	28.4	28.6	29.1	30.0
12H	27.6	28.1	28.3	28.8	29.7	28.9	29.4	29.7	30.2	31.0
12H 4H	25.0	25.7	25.7	26.4	27.2	25.1	25.8	25.8	26.5	27.3
6H	26.6	27.1	27.3	27.9	28.7	27.1	27.6	27.8	28.3	29.2
8H	27.4	27.9	28.1	28.6	29.5	28.2	28.7	28.9	29.4	30.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.4				

CIE Pub.117, 783.7 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -0.8)  
 Area: 0.0369 m2

C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 15.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Temperature: 25.0DEG	Humidity: 42.7%
Operators:Alan Wang	Test Distance:2.500m [K=1.0391]
Test Date:26 August 2023	Remarks:

## UTILIZATION FACTORS TABLE

Test:U:120.00V I:0.1191A P:13.160W PF:0.9208 Freq:60.00Hz Lamp Flux:783.685x1 lm		
NAME: LED Wall Pack	TYPE:LED	WEIGHT:
SPEC.:LVF25M-3D15AC-BK_5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

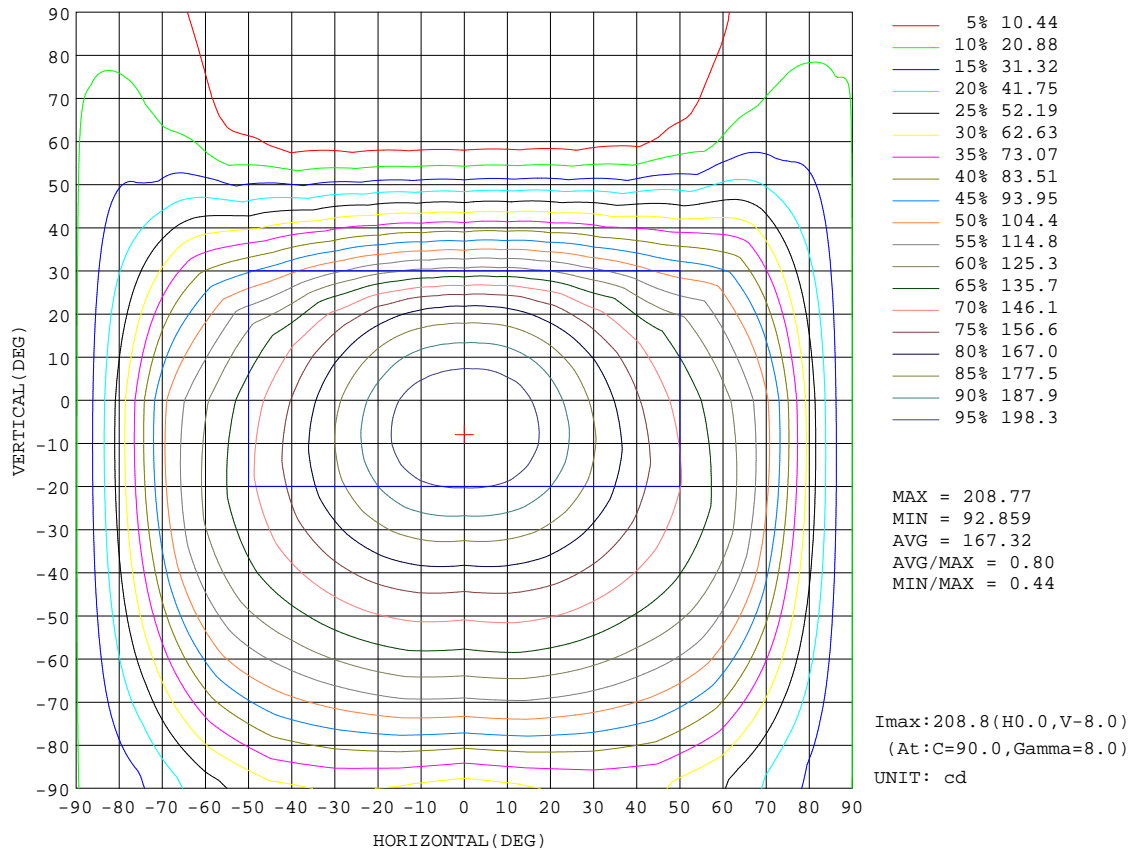
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	50	38	31	49	38	31	47	36	30	24
0.80	59	47	39	58	46	39	54	44	38	30
1.00	67	55	47	65	54	46	61	54	45	36
1.25	74	62	54	71	60	53	67	58	51	41
1.50	79	67	59	76	66	58	71	62	56	45
2.00	86	76	68	83	73	66	77	69	63	51
2.50	90	81	73	87	78	71	80	73	68	55
3.00	94	85	78	90	82	76	83	77	72	58
4.00	98	91	85	94	88	82	87	81	77	62
5.00	101	95	89	97	91	86	89	84	81	65
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: 26 August 2023

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity: 42.7%  
 Test Distance: 2.500m [K=1.0391]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.00V I:0.1191A P:13.160W PF:0.9208 Freq:60.00Hz Lamp Flux:783.685x1 lm		
NAME: LED Wall Pack	TYPE:LED	WEIGHT:
SPEC.:LVF25M-3D15AC-BK_5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

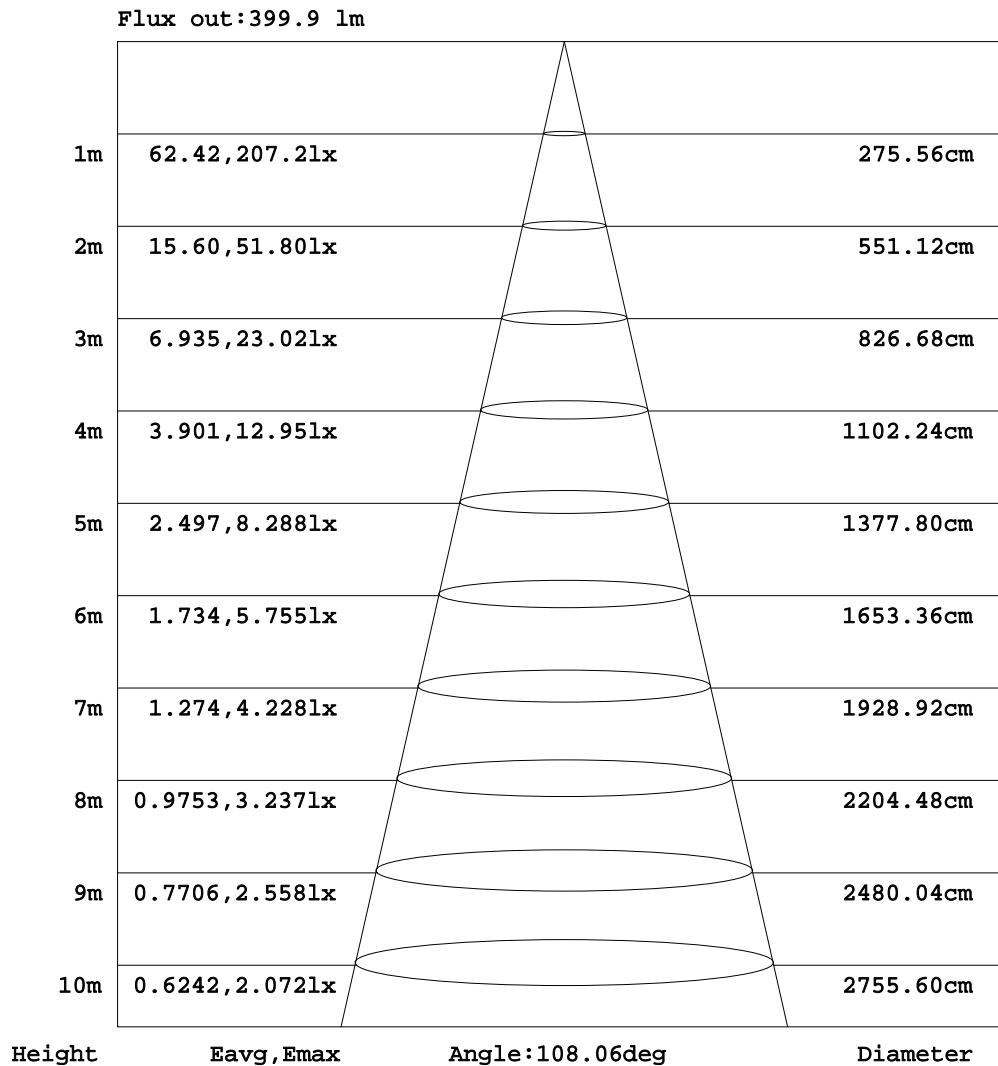


C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.0DEG  
 Operators:Alan Wang  
 Test Date:26 August 2023

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity: 42.7%  
 Test Distance:2.500m [K=1.0391]  
 Remarks:

AAI Figure

Test:U:120.00V I:0.1191A P:13.160W PF:0.9208 Freq:60.00Hz Lamp Flux:783.685x1 lm		
NAME: LED Wall Pack	TYPE:LED	WEIGHT:
SPEC.:LVF25M-3D15AC-BK_5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



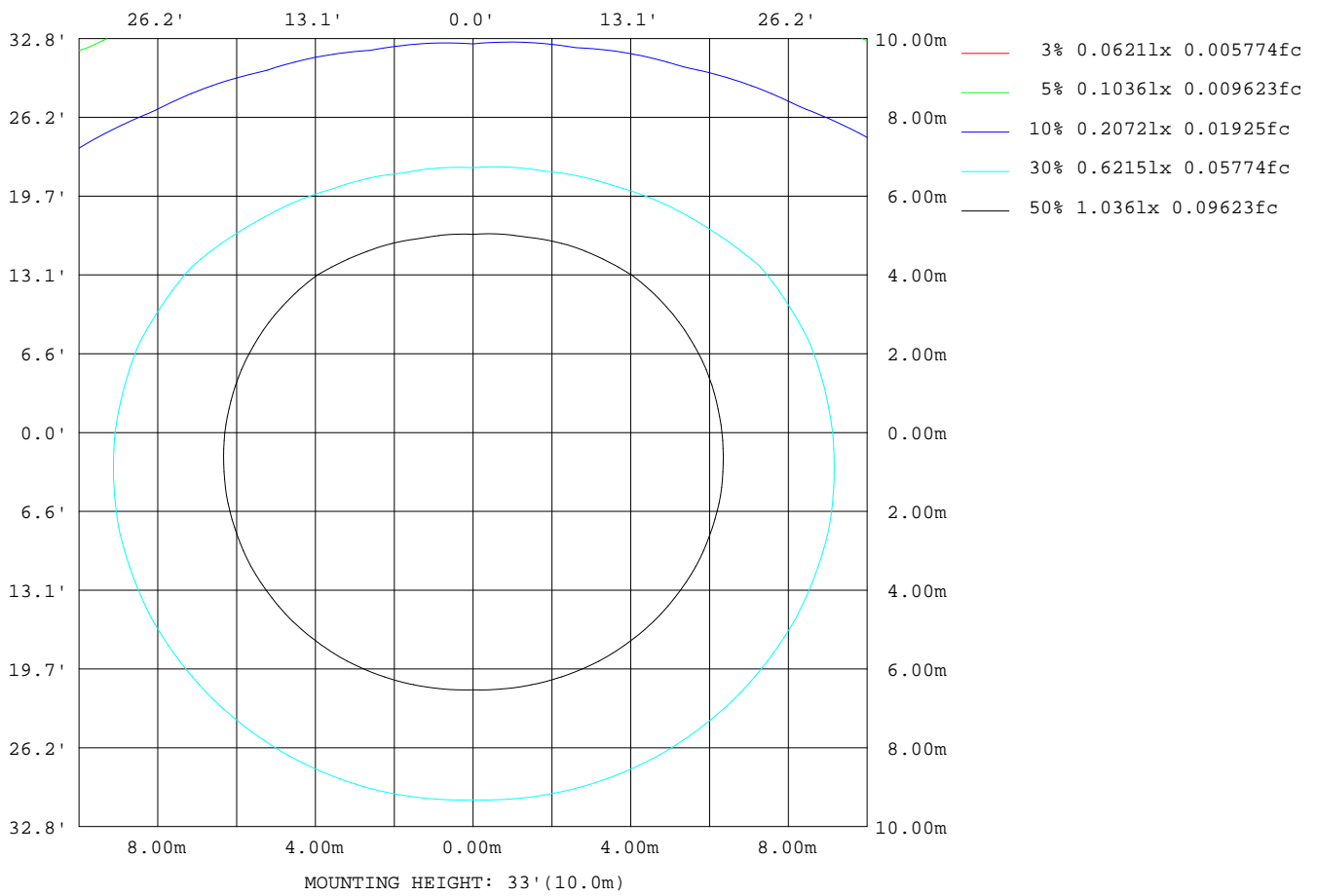
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.0DEG  
 Operators:Alan Wang  
 Test Date:26 August 2023

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity: 42.7%  
 Test Distance:2.500m [K=1.0391]  
 Remarks:

ISOLUX DIAGRAM

Test:U:120.00V I:0.1191A P:13.160W PF:0.9208 Freq:60.00Hz Lamp Flux:783.685x1 lm		
NAME: LED Wall Pack	TYPE:LED	WEIGHT:
SPEC.:LVF25M-3D15AC-BK_5000K	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: 26 August 2023

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity: 42.7%  
 Test Distance: 2.500m [K=1.0391]  
 Remarks:

## LED Avg.L Report

Test:U:120.00V I:0.1191A P:13.160W PF:0.9208 Freq:60.00Hz Lamp Flux:783.685x1 lm		
NAME: LED Wall Pack	TYPE:LED	WEIGHT:
SPEC.:LVF25M-3D15AC-BK_5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

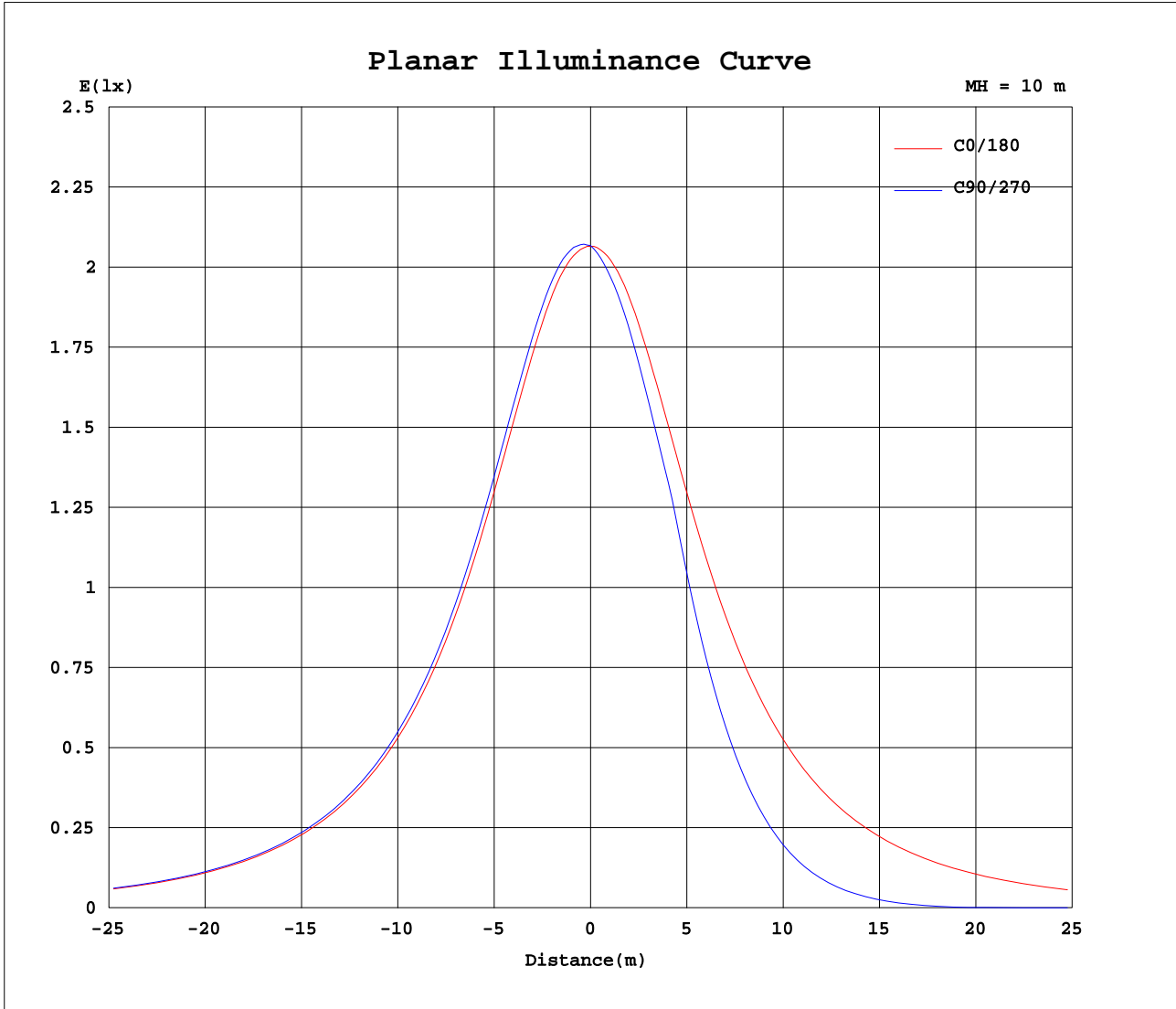
AvgL	cd/m2
L_0~180(65)av	7496
L_0~180(75)av	8557
L_0~180(85)av	11108
L_90~270(65)av	3978
L_90~270(75)av	5236
L_90~270(85)av	10984
L_45(65)av	4451
L_45(75)av	5516
L_45(85)av	12029

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.0DEG  
Operators: Alan Wang  
Test Date: 26 August 2023

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
Humidity: 42.7%  
Test Distance: 2.500m [K=1.0391]  
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.0DEG  
 Operators: Alan Wang  
 Test Date: 26 August 2023

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity: 42.7%  
 Test Distance: 2.500m [K=1.0391]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.00V I:0.1191A P:13.160W PF:0.9208 Freq:60.00Hz Lamp Flux:783.685x1 lm		
NAME: LED Wall Pack	TYPE:LED	WEIGHT:
SPEC.:LVF25M-3D15AC-BK_5000K	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	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207
5	206	207	207	208	208	208	209	208	208	208	207	206	206	205	203	202	202	201	201
10	204	205	206	207	208	208	208	208	208	207	206	205	203	201	199	197	195	194	194
15	199	201	204	205	205	205	205	205	205	204	203	201	198	195	192	189	187	185	184
20	192	196	198	199	200	199	199	199	200	199	198	195	192	188	184	180	176	173	172
25	184	188	191	193	193	192	191	192	193	193	191	188	184	179	174	168	163	157	154
30	175	180	184	185	185	183	182	184	185	185	183	180	175	169	162	155	141	132	128
35	167	172	175	176	176	175	173	175	176	176	175	171	166	159	150	134	118	107	103
40	158	164	167	168	168	166	164	166	167	168	167	163	157	149	136	113	94.3	82.6	78.7
45	150	157	159	160	159	158	155	158	159	159	159	155	149	138	117	90.9	71.3	59.4	55.6
50	143	150	152	152	151	150	147	150	150	151	150	148	140	128	98.1	69.1	49.3	38.5	35.3
55	136	143	145	144	143	142	140	142	142	142	142	140	132	116	78.6	47.5	29.5	21.0	18.6
60	128	136	137	136	135	135	132	134	134	133	134	132	124	102	58.8	28.0	13.3	7.54	6.06
65	119	128	128	126	126	126	123	125	124	124	125	123	115	84.7	38.7	12.0	2.29	1.06	0.95
70	106	116	117	116	116	115	113	115	114	114	114	111	101	64.6	21.8	3.03	0.12	0.11	0.11
75	84.0	96.2	103	104	104	103	99.9	102	102	101	98.9	90.4	79.4	42.8	11.7	2.29	0.13	0.12	0.12
80	58.5	72.0	84.8	90.1	90.6	89.0	85.5	88.7	89.1	87.7	80.8	67.3	56.1	25.8	10.4	2.32	0.14	0.13	0.13
85	36.1	49.9	66.8	75.8	76.7	74.3	70.5	74.4	75.7	73.4	62.7	46.0	35.3	20.2	9.36	2.31	0.14	0.14	0.14
90	20.8	34.2	52.9	64.2	65.2	62.1	57.9	62.0	63.7	60.7	48.0	30.3	20.5	15.9	8.33	2.29	0.15	0.15	0.15
95	22.9	35.4	52.4	62.6	63.0	59.5	55.2	59.6	61.7	59.3	48.0	32.1	22.1	15.2	8.04	2.29	0.16	0.16	0.16
100	29.3	40.7	54.2	61.4	61.1	57.4	53.2	57.5	59.8	58.4	50.1	37.5	27.3	15.1	7.81	2.28	0.17	0.16	0.17
105	36.5	46.6	56.0	59.9	58.8	55.1	51.0	55.2	57.6	57.3	52.5	43.3	33.5	17.3	7.55	2.23	0.17	0.17	0.17
110	43.1	51.5	57.1	57.5	56.1	52.4	48.5	52.4	54.9	55.3	53.6	47.9	39.0	21.7	7.87	2.23	0.17	0.17	0.17
115	46.1	52.2	54.5	54.4	52.8	49.2	45.5	49.3	51.8	52.3	51.4	48.1	40.9	25.1	8.85	2.55	0.45	0.29	0.29
120	43.1	48.5	50.9	50.8	49.1	45.6	42.1	45.7	48.3	48.8	47.9	44.6	38.2	25.7	10.3	3.32	0.69	0.62	0.67
125	39.7	44.6	47.0	46.9	45.2	41.8	38.6	41.9	44.5	45.1	44.1	40.9	35.2	24.4	11.4	4.78	1.64	1.16	1.22
130	36.0	40.5	42.8	42.8	41.1	37.8	34.9	37.9	40.5	41.2	40.2	37.2	32.0	22.4	11.4	5.78	2.55	1.58	1.66
135	32.4	36.3	38.5	38.6	37.0	33.9	31.3	34.0	36.4	37.1	36.1	33.3	28.8	21.8	10.5	6.10	3.02	1.68	1.86
140	28.7	32.1	34.1	34.3	32.9	30.0	27.8	30.2	32.4	33.0	32.1	29.6	25.6	18.2	10.4	6.79	3.73	1.88	2.08
145	25.0	28.0	29.8	30.0	28.8	26.3	24.4	26.4	28.4	29.0	28.2	25.9	22.2	16.1	10.5	6.96	4.18	2.24	2.20
150	21.8	24.1	25.6	25.8	24.8	22.7	21.2	22.8	24.5	25.1	24.3	22.5	19.3	14.8	10.2	6.96	4.77	2.91	2.59
155	18.9	20.3	21.6	21.8	20.9	19.2	18.2	19.3	20.7	21.2	20.6	19.1	17.0	14.0	10.7	6.94	5.90	4.01	3.13
160	15.7	16.7	17.7	17.8	17.2	16.0	15.3	16.0	17.1	17.5	17.1	15.9	14.7	13.2	10.5	7.41	6.93	4.94	3.87
165	12.6	13.3	14.0	14.1	13.7	13.0	12.6	12.9	13.6	13.9	13.7	13.0	12.1	11.6	9.32	7.31	7.05	5.23	4.32
170	9.14	9.90	10.5	10.7	10.5	10.2	10.1	10.1	10.4	10.6	10.3	9.93	8.89	8.75	7.19	5.51	5.39	4.77	4.82
175	4.12	5.03	6.32	7.61	7.75	7.77	7.78	7.75	7.37	6.65	5.08	4.59	4.45	4.40	3.48	2.95	2.46	2.04	1.92
180	3.51	2.49	2.80	3.20	2.70	2.96	1.83	2.32	2.39	2.52	2.46	2.93	2.98	3.26	3.23	3.23	2.85	2.50	2.16

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.0DEG  
 Operators: Alan Wang  
 Test Date: 26 August 2023

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity: 42.7%  
 Test Distance: 2.500m [K=1.0391]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.00V I:0.1191A P:13.160W PF:0.9208 Freq:60.00Hz Lamp Flux:783.685x1 lm		
NAME: LED Wall Pack	TYPE:LED	WEIGHT:
SPEC.:LVF25M-3D15AC-BK_5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG)\ γ (DEG)	285	300	315	330	345														
0	207	207	207	207	207														
5	201	202	203	204	205														
10	195	196	198	200	202														
15	185	188	190	193	196														
20	173	177	181	185	189														
25	158	164	169	175	180														
30	133	144	156	163	170														
35	108	120	138	151	160														
40	84.1	97.0	116	139	151														
45	60.9	74.0	94.9	122	141														
50	39.7	51.8	73.2	104	132														
55	21.8	31.5	51.7	85.8	122														
60	7.94	14.7	31.8	66.5	112														
65	1.07	2.87	15.1	45.8	95.9														
70	0.11	0.12	4.39	27.5	76.7														
75	0.12	0.12	3.31	15.0	52.8														
80	0.13	0.13	3.29	12.4	31.7														
85	0.14	0.13	3.23	10.9	22.3														
90	0.15	0.14	3.16	9.70	17.3														
95	0.16	0.16	3.13	9.33	16.6														
100	0.17	0.16	3.09	9.01	17.5														
105	0.17	0.17	3.01	8.87	21.7														
110	0.17	0.17	3.17	9.60	27.7														
115	0.39	0.49	3.54	11.3	32.3														
120	0.66	1.07	4.67	13.1	32.6														
125	1.11	2.26	6.57	14.2	31.2														
130	1.63	3.66	7.78	14.8	29.1														
135	1.77	4.24	7.71	14.1	26.8														
140	1.97	4.40	8.50	13.2	22.5														
145	2.37	4.67	8.37	12.7	19.3														
150	3.43	4.21	7.88	11.9	16.8														
155	3.70	5.26	7.81	11.0	14.1														
160	4.14	5.79	6.20	8.94	12.6														
165	4.12	4.86	6.95	6.44	9.67														
170	4.55	4.98	4.98	5.26	6.09														
175	1.19	1.46	2.03	2.26	3.24														
180	2.02	1.61	1.98	2.55	3.20														

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.0DEG  
 Operators: Alan Wang  
 Test Date: 26 August 2023

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity: 42.7%  
 Test Distance: 2.500m [K=1.0391]  
 Remarks: