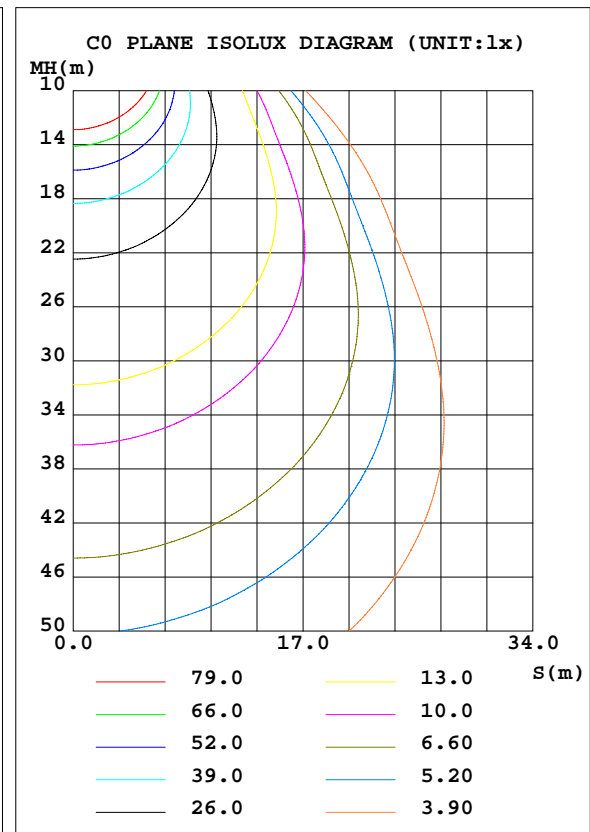
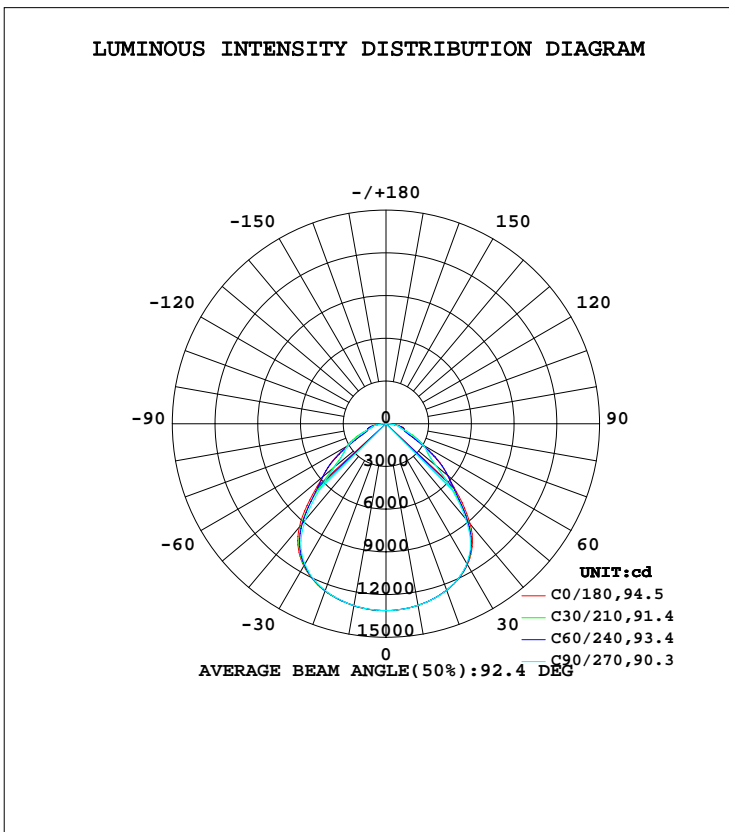


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:277.00V I:0.7972A P:218.73W PF:0.9905 Freq:60.00Hz Lamp Flux:30140x1 lm		
NAME: LED Flat Linear High Bay	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:ASD LIGHTING CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 137.8 lm/W			
MODEL	ASD-WHB5MHV-2D22050	I _{max} (cd)	13122	S/MH(C0/180)	1.30
NOMINAL POWER(W)	220	LOR(%)	100.0	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	277-480	TOTAL FLUX(lm)	30140	η UP, DN(C0-180)	0.1,49.6
NOMINAL FLUX(lm)	30140	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.1,50.2
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	277	η down(%)	99.9	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators:Alan Wang
 Test Date:11 May 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 45.6%
 Test Distance:2.500m [K=1.0435]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1295	1294	1294	1295	1298	1297	1296	1295	0- 10	1245	1245	4.14,4.14
20	1244	1244	1244	1246	1251	1250	1246	1245	10- 20	3604	4849	16.1,16.1
30	1143	1136	1135	1142	1154	1147	1139	1139	20- 30	5542	10391	34.6,34.6
40	920.2	893.7	869.5	906.1	946.7	920.5	881.9	899.3	30- 40	6514	16905	56.3,56.3
50	565.8	531.4	455.8	543.7	581.6	549.1	467.8	534.9	40- 50	5416	22321	74.3,74.3
60	301.1	310.6	299.1	312.0	317.6	323.1	306.4	314.2	50- 60	3663	25984	86.5,86.5
70	137.6	173.5	145.3	173.5	138.3	178.4	150.5	178.6	60- 70	2237	28221	94,94
80	96.29	80.23	79.98	83.46	103.2	86.75	83.98	83.54	70- 80	1317	29538	98.3,98.3
90	0.2908	4.539	4.153	0.6681	8.103	5.006	3.933	4.459	80- 90	461.6	29999	99.9,99.9
100	0.1634	0.1632	0.1168	0.1546	0.2526	0.2552	0.2203	0.2423	90-100	5.193	30004	99.9,99.9
110	0.2651	0.2282	0.2285	0.2229	0.3665	0.3309	0.2938	0.3421	100-110	2.757	30007	99.9,99.9
120	0.3525	0.3182	0.3443	0.3411	0.4967	0.4767	0.4634	0.4816	110-120	3.370	30010	99.9,99.9
130	0.4880	0.5451	0.4976	0.5842	0.7445	0.8994	0.7815	0.8547	120-130	4.760	30015	99.9,99.9
140	0.6930	0.7005	0.7670	0.7019	0.9549	1.078	1.173	1.063	130-140	6.059	30021	99.9,99.9
150	0.8601	0.8298	0.8800	0.8369	1.151	1.259	1.306	1.292	140-150	6.042	30027	100,100
160	0.9989	0.9678	0.9505	0.9751	1.405	1.417	1.508	1.441	150-160	5.199	30033	100,100
170	1.178	1.224	1.149	1.163	1.449	1.436	1.526	1.481	160-170	3.615	30036	100,100
180	1.458	1.465	1.406	1.448	1.458	1.469	1.412	1.410	170-180	1.296	30037	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 19880 lm

%lum = 66.2%

%lamp = 66.2%

Conical surface Flux(120deg): 25984 lm

%lum = 86.5%

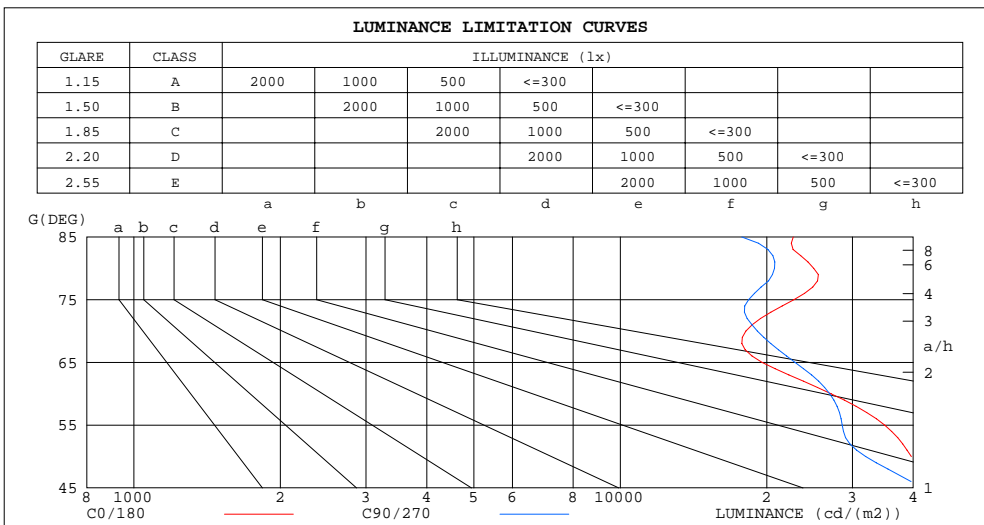
%lamp = 86.5%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 11 May 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 45.6%
 Test Distance: 2.500m [K=1.0435]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:277.00V I:0.7972A P:218.73W PF:0.9905 Freq:60.00Hz Lamp Flux:30140x1 lm		
NAME: LED Flat Linear High Bay	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:ASD LIGHTING CORP	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	22675	17780
80	24979	20747
75	22738	18354
70	18117	19137
65	19577	22879
60	27126	26943
55	34956	28593
50	39651	31943
45	46443	41764

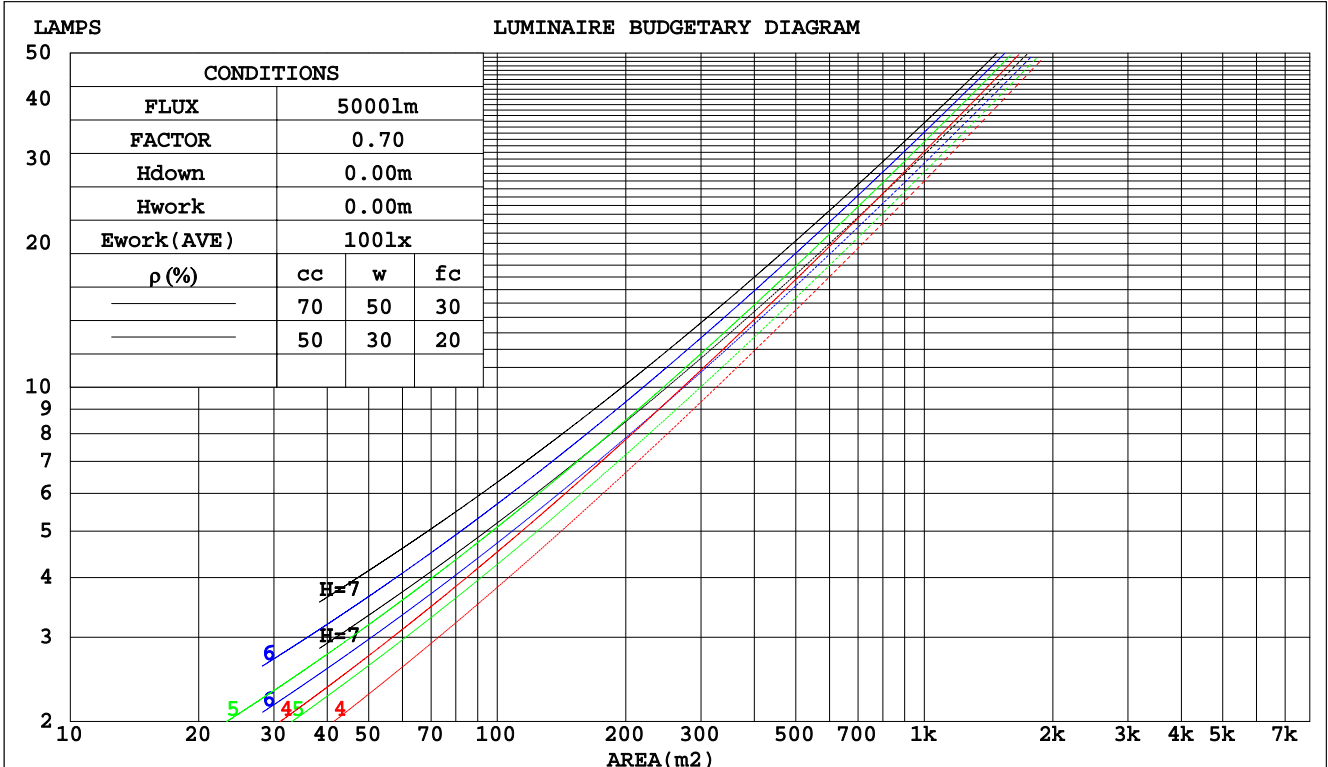
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 11 May 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 45.6%
 Test Distance: 2.500m [K=1.0435]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:277.00V I:0.7972A P:218.73W PF:0.9905 Freq:60.00Hz Lamp Flux:30140x1 lm		
NAME: LED Flat Linear High Bay	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	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.06	1.02	.99	1.03	1.00	.97	.99	.96	.94	.95	.93	.91	.92	.90	.88	.86
2.0	.94	.88	.83	.92	.86	.82	.89	.84	.80	.85	.81	.78	.82	.79	.76	.74
3.0	.84	.76	.71	.82	.75	.70	.79	.73	.69	.77	.72	.67	.74	.70	.66	.64
4.0	.75	.67	.61	.74	.66	.61	.71	.65	.60	.69	.64	.59	.67	.62	.58	.56
5.0	.68	.60	.54	.67	.59	.53	.65	.58	.53	.63	.57	.52	.61	.56	.52	.50
6.0	.62	.53	.47	.61	.53	.47	.59	.52	.47	.57	.51	.46	.56	.50	.46	.44
7.0	.56	.48	.42	.56	.48	.42	.54	.47	.42	.53	.46	.42	.51	.46	.41	.39
8.0	.52	.44	.38	.51	.43	.38	.50	.43	.38	.48	.42	.38	.47	.42	.37	.36
9.0	.48	.40	.35	.47	.40	.35	.46	.39	.34	.45	.39	.34	.44	.38	.34	.32
10.0	.44	.37	.32	.44	.36	.32	.43	.36	.31	.42	.36	.31	.41	.35	.31	.29



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 11 May 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 45.6%
 Test Distance: 2.500m [K=1.0435]
 Remarks:

WEC AND CCEC

Test:U:277.00V I:0.7972A P:218.73W PF:0.9905 Freq:60.00Hz Lamp Flux:30140x1 lm		
NAME: LED Flat Linear High Bay	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	.273	.155	.049	.266	.152	.048	.253	.145	.046	.241	.139	.045	.230	.133	.043	
2.0	.259	.142	.043	.252	.139	.043	.241	.134	.042	.230	.129	.040	.221	.125	.039	
3.0	.242	.129	.039	.236	.127	.038	.226	.123	.037	.217	.119	.036	.208	.115	.036	
4.0	.225	.117	.034	.221	.115	.034	.212	.112	.034	.203	.109	.033	.196	.106	.032	
5.0	.210	.107	.031	.206	.106	.031	.198	.103	.030	.191	.101	.030	.184	.098	.030	
6.0	.197	.099	.028	.193	.098	.028	.186	.095	.028	.180	.093	.027	.173	.091	.027	
7.0	.185	.091	.026	.181	.090	.026	.175	.088	.025	.169	.087	.025	.164	.085	.025	
8.0	.174	.085	.024	.171	.084	.024	.165	.082	.024	.160	.081	.023	.155	.079	.023	
9.0	.164	.079	.022	.161	.078	.022	.156	.077	.022	.151	.076	.022	.147	.075	.022	
10.0	.155	.074	.021	.152	.074	.021	.148	.072	.020	.143	.071	.020	.139	.070	.020	

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	.191	.191	.191	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.179	.157	.138	.153	.135	.119	.105	.093	.082	.060	.054	.048	.019	.017	.015	
2.0	.169	.133	.103	.145	.115	.089	.099	.079	.062	.057	.046	.036	.018	.015	.012	
3.0	.160	.115	.079	.137	.099	.069	.094	.069	.048	.054	.040	.028	.017	.013	.009	
4.0	.152	.101	.063	.130	.088	.055	.090	.061	.038	.052	.036	.023	.017	.012	.007	
5.0	.145	.091	.051	.124	.079	.044	.085	.055	.031	.050	.032	.019	.016	.011	.006	
6.0	.138	.082	.043	.118	.071	.037	.082	.050	.026	.047	.029	.016	.015	.010	.005	
7.0	.131	.075	.036	.113	.065	.032	.078	.046	.022	.045	.027	.013	.015	.009	.004	
8.0	.125	.069	.031	.108	.060	.027	.074	.042	.019	.043	.025	.012	.014	.008	.004	
9.0	.119	.064	.027	.103	.056	.024	.071	.039	.017	.041	.023	.010	.013	.008	.003	
10.0	.114	.060	.024	.098	.052	.021	.068	.037	.015	.040	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 11 May 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 45.6%
 Test Distance: 2.500m [K=1.0435]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:277.00V I:0.7972A P:218.73W PF:0.9905 Freq:60.00Hz Lamp Flux:30140x1 lm										
NAME: LED Flat Linear High Bay					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	23.0	24.5	23.4	24.8	25.1	23.0	24.4	23.3	24.8	25.1
3H	24.3	25.6	24.7	26.0	26.3	24.3	25.6	24.7	25.9	26.3
4H	25.0	26.2	25.4	26.6	26.9	24.8	26.0	25.2	26.4	26.7
6H	25.6	26.7	26.0	27.1	27.5	25.2	26.4	25.6	26.7	27.1
8H	25.8	26.9	26.2	27.3	27.7	25.4	26.5	25.8	26.9	27.3
12H	25.9	27.0	26.4	27.4	27.8	25.5	26.6	26.0	27.0	27.4
4H 2H	23.4	24.7	23.8	25.0	25.4	23.4	24.6	23.8	25.0	25.4
3H	24.9	25.9	25.3	26.3	26.7	24.9	25.9	25.3	26.3	26.7
4H	25.6	26.6	26.1	27.0	27.4	25.5	26.5	26.0	26.9	27.3
6H	26.4	27.2	26.9	27.7	28.1	26.2	27.0	26.7	27.4	27.9
8H	26.7	27.4	27.2	27.9	28.4	26.4	27.2	26.9	27.6	28.1
12H	26.9	27.6	27.4	28.1	28.5	26.6	27.3	27.1	27.8	28.2
8H 4H	25.9	26.7	26.4	27.1	27.6	25.9	26.6	26.3	27.1	27.5
6H	26.9	27.5	27.4	28.0	28.5	26.7	27.3	27.2	27.8	28.3
8H	27.2	27.8	27.7	28.3	28.8	27.0	27.6	27.6	28.1	28.6
12H	27.5	28.0	28.0	28.5	29.1	27.3	27.8	27.8	28.3	28.9
12H 4H	26.0	26.6	26.4	27.1	27.6	25.9	26.6	26.4	27.1	27.5
6H	26.9	27.5	27.5	28.0	28.5	26.8	27.3	27.3	27.8	28.4
8H	27.3	27.8	27.9	28.3	28.9	27.2	27.7	27.7	28.2	28.8
CIE190: 2010										

CIE190: 2010
Area: 0.222 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 11 May 2022

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 45.6%
Test Distance: 2.500m [K=1.0435]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:277.00V I:0.7972A P:218.73W PF:0.9905 Freq:60.00Hz Lamp Flux:30140x1 lm		
NAME: LED Flat Linear High Bay	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:ASD LIGHTING CORP	SUR.:	Shielding Angle:

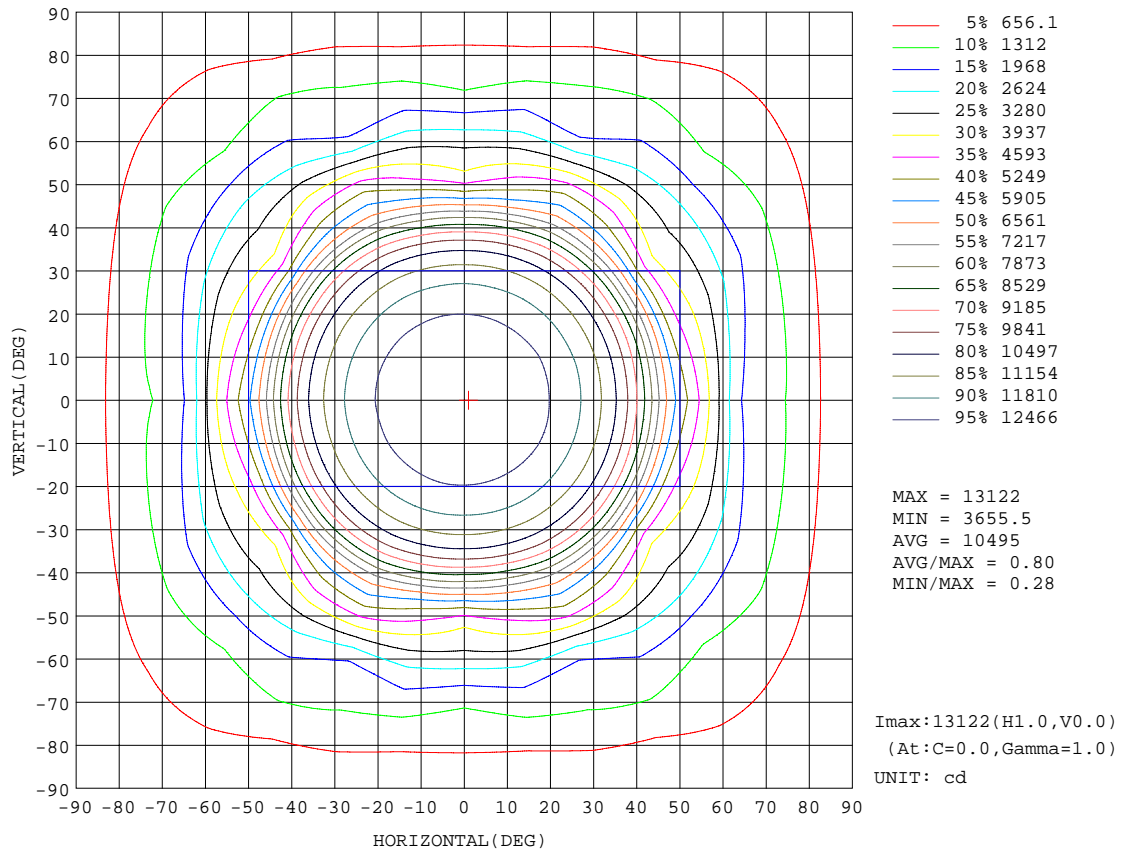
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	64	54	48	64	54	48	63	53	47	42
0.80	74	64	57	73	64	57	72	63	57	51
1.00	82	72	66	81	72	66	79	73	65	59
1.25	89	80	73	87	79	73	85	77	72	66
1.50	93	85	79	91	84	78	89	82	77	70
2.00	99	92	86	97	90	85	94	88	84	77
2.50	102	95	90	100	94	89	96	91	87	80
3.00	105	99	94	103	97	93	99	95	91	83
4.00	108	103	99	106	102	98	102	98	95	87
5.00	110	106	103	108	104	101	103	100	98	89
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: 11 May 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 45.6%
 Test Distance: 2.500m [K=1.0435]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:277.00V I:0.7972A P:218.73W PF:0.9905 Freq:60.00Hz Lamp Flux:30140x1 lm		
NAME: LED Flat Linear High Bay	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:ASD LIGHTING CORP	SUR.:	Shielding Angle:



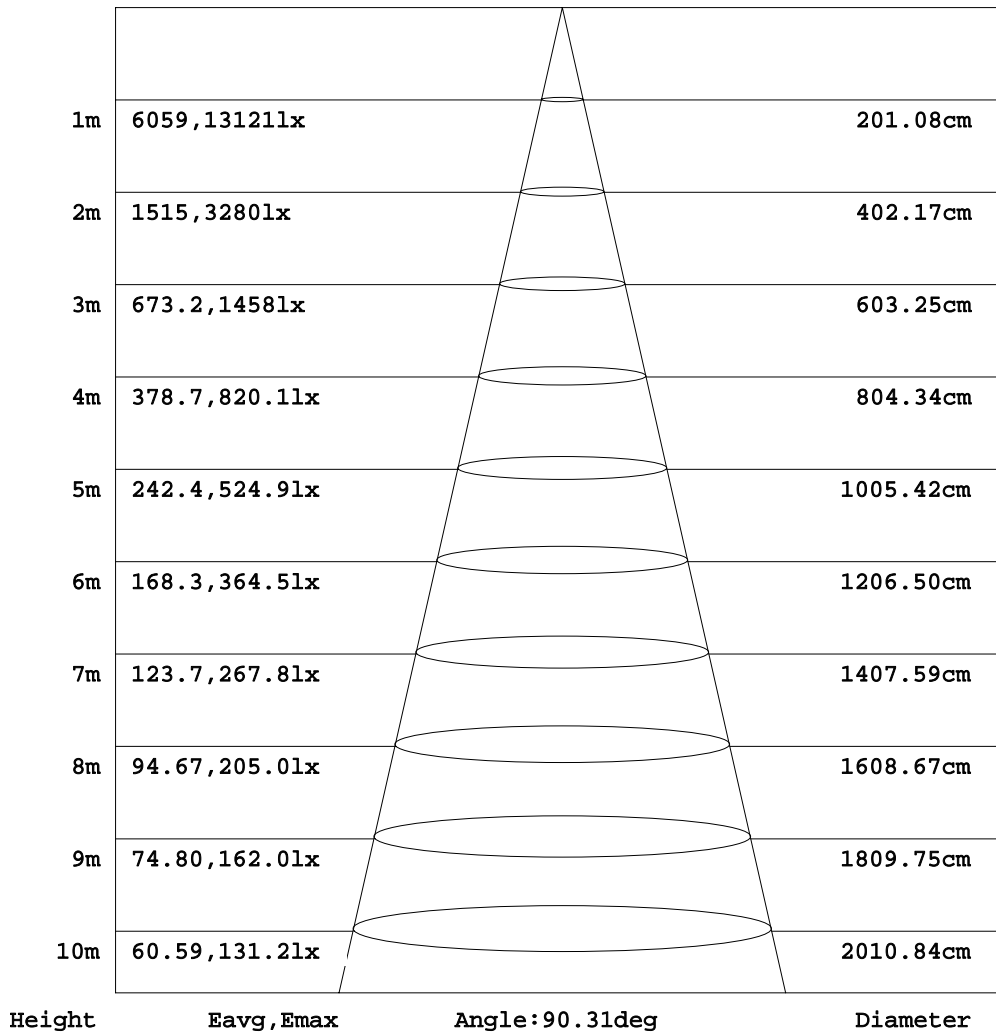
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators:Alan Wang
 Test Date:11 May 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 45.6%
 Test Distance:2.500m [K=1.0435]
 Remarks:

AAI Figure

Test:U:277.00V I:0.7972A P:218.73W PF:0.9905 Freq:60.00Hz Lamp Flux:30140x1 lm		
NAME: LED Flat Linear High Bay	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:ASD LIGHTING CORP	SUR.:	Shielding Angle:

Flux out:20411 lm



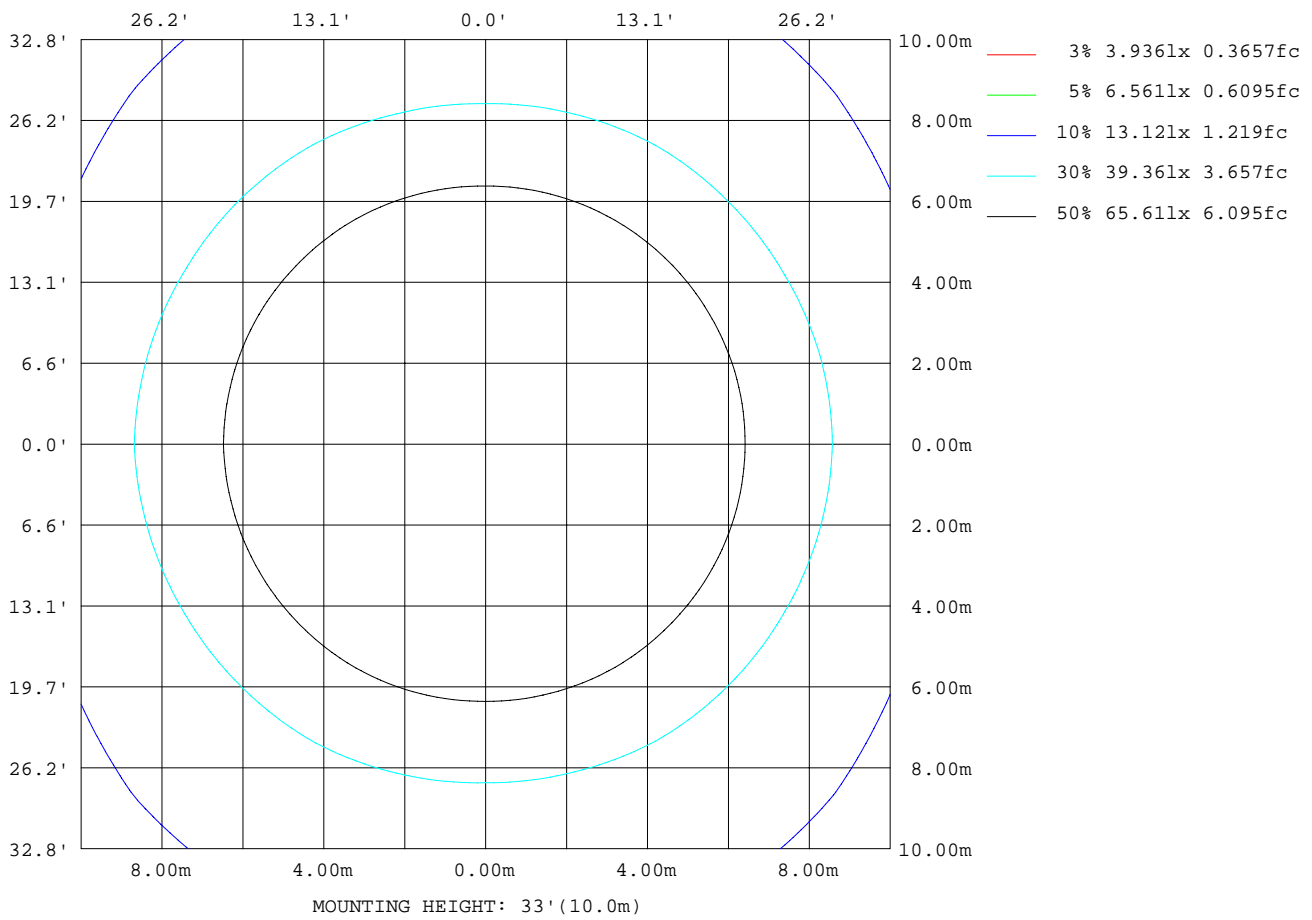
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators:Alan Wang
 Test Date:11 May 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 45.6%
 Test Distance:2.500m [K=1.0435]
 Remarks:

ISOLUX DIAGRAM

Test:U:277.00V I:0.7972A P:218.73W PF:0.9905 Freq:60.00Hz Lamp Flux:30140x1 lm		
NAME: LED Flat Linear High Bay	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: 11 May 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 45.6%
 Test Distance: 2.500m [K=1.0435]
 Remarks:

LED Avg.L Report

Test:U:277.00V I:0.7972A P:218.73W PF:0.9905 Freq:60.00Hz Lamp Flux:30140x1 lm		
NAME: LED Flat Linear High Bay	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:ASD LIGHTING CORP	SUR.:	Shielding Angle:

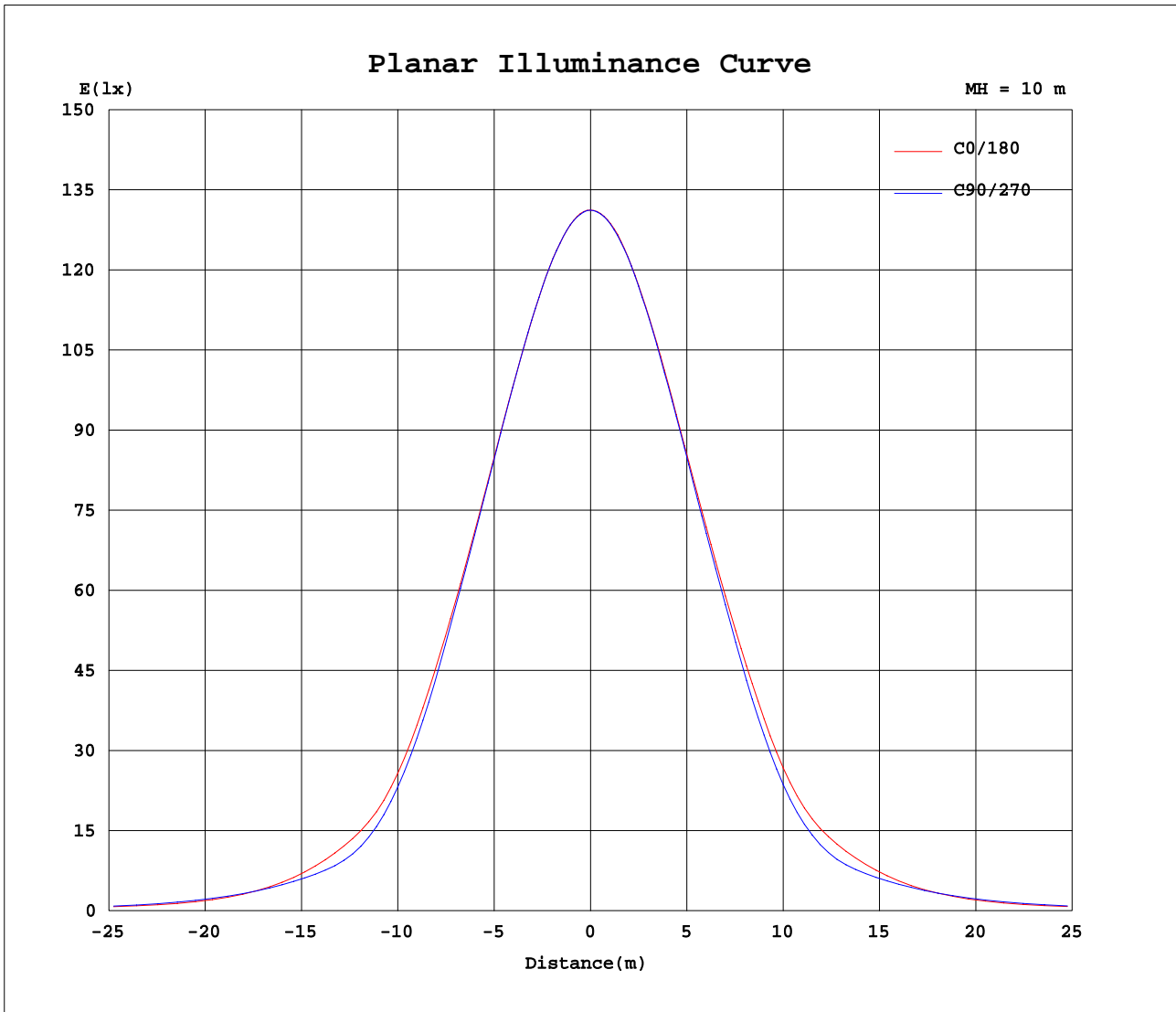
AvgL	cd/m2
L_0~180(65)av	20173
L_0~180(75)av	22552
L_0~180(85)av	23659
L_90~270(65)av	23335
L_90~270(75)av	18655
L_90~270(85)av	19306
L_45(65)av	24331
L_45(75)av	23486
L_45(85)av	21941

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 11 May 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 45.6%
 Test Distance: 2.500m [K=1.0435]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 11 May 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 45.6%
 Test Distance: 2.500m [K=1.0435]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:277.00V I:0.7972A P:218.73W PF:0.9905 Freq:60.00Hz Lamp Flux:30140x1 lm		
NAME: LED Flat Linear High Bay	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:ASD LIGHTING CORP	SUR.:	Shielding Angle:

Table--1

UNIT: x10cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1312	1312	1312	1312	1312	1312	1312	1312	1312	1312	1311	1311	1312	1312	1312	1312	1312	1312	1312
5	1307	1308	1308	1308	1307	1307	1307	1307	1308	1308	1308	1308	1309	1309	1310	1309	1308	1308	1308
10	1295	1294	1294	1294	1295	1294	1294	1294	1296	1295	1295	1295	1298	1297	1298	1297	1297	1296	1296
15	1274	1274	1275	1274	1274	1275	1274	1275	1276	1275	1276	1277	1278	1278	1278	1278	1277	1278	1275
20	1244	1246	1246	1244	1244	1244	1244	1246	1245	1246	1248	1248	1251	1251	1250	1250	1248	1248	1246
25	1203	1203	1201	1201	1201	1200	1201	1201	1202	1204	1205	1206	1209	1209	1209	1208	1206	1205	1204
30	1143	1142	1139	1136	1137	1136	1135	1137	1140	1142	1145	1148	1154	1153	1150	1147	1146	1143	1139
35	1055	1051	1046	1044	1043	1038	1036	1041	1049	1051	1056	1063	1072	1069	1063	1060	1056	1048	1043
40	920	909	897	894	893	875	870	884	903	906	913	929	947	937	925	921	914	892	882
45	729	700	673	687	704	676	656	674	714	702	691	722	757	732	709	714	722	692	668
50	566	508	462	531	568	509	456	507	571	544	477	518	582	529	486	549	579	517	468
55	445	404	356	419	436	399	364	399	437	427	362	403	461	412	366	432	453	406	369
60	301	324	308	311	282	308	299	309	287	312	311	328	318	333	316	323	298	319	306
65	184	235	231	224	176	226	215	229	179	226	233	250	195	244	245	232	186	235	223
70	138	174	153	173	139	170	145	172	141	174	159	181	138	179	165	178	141	175	150
75	131	131	104	132	128	124	105	123	128	134	108	130	129	134	107	138	130	127	109
80	96.3	85.6	88.5	80.2	88.3	80.1	80.0	80.9	90.3	83.5	88.5	88.9	103	92.5	90.7	86.7	95.1	85.5	84.0
85	43.9	38.8	39.1	38.7	40.2	34.9	34.4	36.3	43.0	42.0	43.0	43.4	47.7	43.2	46.0	44.9	47.5	41.2	40.3
90	0.29	1.90	4.52	4.54	4.45	4.21	4.15	4.77	5.62	0.67	0.69	0.83	8.10	7.12	5.29	5.01	4.83	4.28	3.93
95	0.21	0.33	0.14	0.16	0.15	0.13	0.13	0.13	0.14	0.16	0.13	0.30	0.26	0.39	0.26	0.26	0.22	0.21	0.19
100	0.16	0.18	0.22	0.16	0.13	0.12	0.12	0.12	0.13	0.15	0.22	0.18	0.25	0.25	0.32	0.26	0.23	0.22	0.22
105	0.29	0.27	0.29	0.23	0.17	0.16	0.18	0.17	0.18	0.22	0.27	0.28	0.38	0.38	0.38	0.32	0.27	0.26	0.26
110	0.27	0.25	0.24	0.23	0.21	0.20	0.23	0.22	0.22	0.22	0.23	0.26	0.37	0.35	0.34	0.33	0.31	0.30	0.29
115	0.29	0.28	0.31	0.26	0.25	0.27	0.28	0.28	0.27	0.28	0.30	0.29	0.40	0.40	0.41	0.38	0.37	0.36	0.36
120	0.35	0.33	0.38	0.32	0.32	0.34	0.34	0.34	0.34	0.34	0.40	0.35	0.50	0.50	0.58	0.48	0.46	0.46	0.46
125	0.42	0.40	0.43	0.47	0.41	0.41	0.42	0.41	0.42	0.49	0.44	0.41	0.62	0.63	0.66	0.69	0.61	0.61	0.61
130	0.49	0.46	0.50	0.55	0.57	0.48	0.50	0.49	0.57	0.58	0.52	0.46	0.74	0.74	0.81	0.90	0.84	0.78	0.78
135	0.54	0.55	0.59	0.60	0.68	0.70	0.69	0.70	0.68	0.63	0.60	0.52	0.82	0.86	0.93	0.98	1.06	1.07	1.05
140	0.69	0.69	0.68	0.70	0.72	0.76	0.77	0.75	0.72	0.70	0.66	0.64	0.95	0.97	1.01	1.08	1.11	1.16	1.17
145	0.78	0.78	0.73	0.75	0.81	0.82	0.82	0.82	0.80	0.76	0.73	0.71	1.03	1.06	1.10	1.16	1.20	1.22	1.23
150	0.86	0.86	0.79	0.83	0.84	0.88	0.88	0.88	0.85	0.84	0.74	0.80	1.15	1.16	1.17	1.26	1.26	1.31	1.31
155	0.90	0.97	0.94	0.88	0.93	0.96	0.94	0.95	0.94	0.92	0.91	0.90	1.26	1.23	1.30	1.30	1.37	1.39	1.36
160	1.00	1.02	1.03	0.97	0.93	0.99	0.95	1.01	0.97	0.98	1.03	1.01	1.40	1.36	1.39	1.42	1.42	1.47	1.51
165	1.08	1.17	1.17	1.13	1.07	1.02	1.00	1.05	1.09	1.13	1.12	1.12	1.40	1.40	1.39	1.48	1.51	1.49	1.52
170	1.18	1.21	1.25	1.22	1.15	1.16	1.15	1.17	1.18	1.16	1.17	1.19	1.45	1.45	1.46	1.44	1.45	1.53	1.53
175	1.34	1.36	1.38	1.35	1.32	1.29	1.24	1.28	1.28	1.31	1.33	1.35	1.48	1.48	1.49	1.50	1.48	1.48	1.42
180	1.46	1.48	1.48	1.46	1.48	1.43	1.41	1.34	1.39	1.45	1.44	1.43	1.46	1.46	1.47	1.47	1.46	1.44	1.41

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 11 May 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 45.6%
 Test Distance: 2.500m [K=1.0435]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:277.00V I:0.7972A P:218.73W PF:0.9905 Freq:60.00Hz Lamp Flux:30140x1 lm		
NAME: LED Flat Linear High Bay	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:ASD LIGHTING CORP	SUR.:	Shielding Angle:

Table--2

UNIT: x10cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	1312	1312	1312	1311	1311														
5	1308	1308	1307	1307	1307														
10	1296	1296	1295	1294	1295														
15	1276	1275	1274	1275	1275														
20	1246	1245	1245	1247	1245														
25	1202	1202	1203	1201	1204														
30	1139	1140	1139	1140	1143														
35	1045	1046	1047	1048	1053														
40	890	902	899	902	915														
45	684	716	694	679	708														
50	518	573	535	468	513														
55	409	440	423	359	404														
60	313	293	314	311	326														
65	233	184	231	232	245														
70	176	144	179	158	181														
75	127	131	135	109	133														
80	84.2	93.7	83.5	91.0	89.3														
85	41.4	46.8	44.1	43.8	43.1														
90	4.20	4.58	4.46	4.33	5.48														
95	0.20	0.21	0.24	0.24	0.35														
100	0.22	0.23	0.24	0.31	0.27														
105	0.26	0.28	0.33	0.38	0.42														
110	0.30	0.31	0.34	0.35	0.38														
115	0.36	0.38	0.39	0.44	0.42														
120	0.46	0.47	0.48	0.57	0.52														
125	0.60	0.61	0.70	0.66	0.63														
130	0.77	0.85	0.85	0.79	0.74														
135	1.06	1.02	0.95	0.91	0.85														
140	1.13	1.08	1.06	1.06	1.03														
145	1.20	1.20	1.15	1.17	1.15														
150	1.31	1.27	1.29	1.23	1.24														
155	1.37	1.41	1.33	1.30	1.31														
160	1.50	1.51	1.44	1.44	1.40														
165	1.51	1.53	1.53	1.54	1.44														
170	1.53	1.54	1.48	1.44	1.45														
175	1.40	1.45	1.42	1.46	1.47														
180	1.41	1.35	1.41	1.43	1.44														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 11 May 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 45.6%
 Test Distance: 2.500m [K=1.0435]
 Remarks: