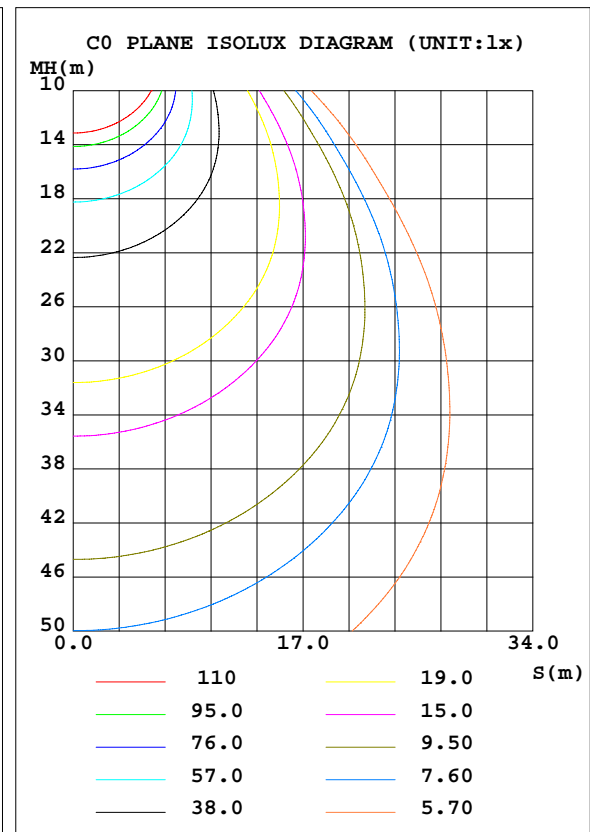
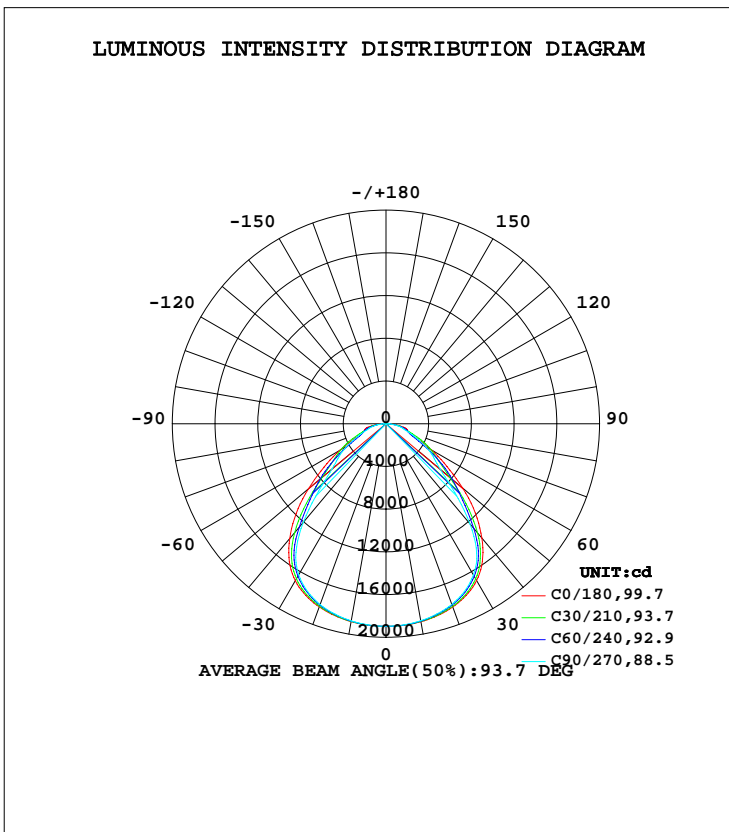


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:277.00V I:1.1595A P:320.69W PF:0.9985 Freq:60.00Hz Lamp Flux:43840x1 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: 136,71 lm/W			
MODEL	ASD-WHB5MHV-4D32050	I _{max} (cd)	18977	S/MH(C0/180)	1.31
NOMINAL POWER(W)	320	LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	277-480	TOTAL FLUX(lm)	43840	η UP, DN(C0-180)	0.0,50.0
NOMINAL FLUX(lm)	43840	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.1,49.9
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	1882	1878	1873	1875	1882	1877	1874	1878	0- 10	1801	1801	4.09,4.09
20	1826	1813	1800	1808	1825	1812	1802	1813	10- 20	5233	7034	16,16
30	1696	1663	1636	1661	1698	1662	1633	1661	20- 30	8071	15105	34.3,34.3
40	1397	1307	1222	1302	1402	1297	1204	1289	30- 40	9432	24538	55.8,55.8
50	937.7	807.2	664.1	807.8	947.5	805.9	659.1	805.4	40- 50	8007	32545	74,74
60	489.6	477.9	431.4	469.2	500.1	471.8	424.6	464.4	50- 60	5505	38050	86.5,86.5
70	223.5	241.4	218.1	242.1	223.5	240.6	217.8	241.1	60- 70	3301	41351	94,94
80	149.0	122.9	113.0	125.9	155.9	123.8	110.2	123.7	70- 80	1940	43291	98.4,98.4
90	6.384	0.5323	0.6568	0.7670	12.65	9.355	3.394	4.489	80- 90	661.6	43953	99.9,99.9
100	0.2698	0.1999	0.1650	0.1958	0.4100	0.3400	0.3022	0.3477	90-100	7.113	43960	99.9,99.9
110	0.3314	0.2819	0.2827	0.3251	0.4700	0.4628	0.4501	0.4649	100-110	3.640	43964	99.9,99.9
120	0.4024	0.4245	0.4366	0.4939	0.6318	0.6797	0.6638	0.6903	110-120	4.559	43968	99.9,99.9
130	0.7021	0.6510	0.6450	0.7513	0.9624	1.087	1.099	1.043	120-130	6.434	43975	99.9,99.9
140	0.8371	0.8648	0.9450	0.9467	1.193	1.336	1.453	1.321	130-140	7.728	43983	100,100
150	1.135	1.097	1.127	1.148	1.434	1.592	1.693	1.664	140-150	7.739	43990	100,100
160	1.396	1.395	1.320	1.358	1.743	1.856	1.923	1.880	150-160	6.843	43997	100,100
170	1.707	1.603	1.536	1.584	1.956	1.925	1.981	1.942	160-170	4.832	44002	100,100
180	1.971	1.941	1.891	1.885	1.969	1.982	1.906	1.857	170-180	1.744	44004	100,100
DEG	LUMINOUS INTENSITY: $\times 10\text{cd}$									UNIT:lm		

Conical surface Flux(90deg): 28862 lm

%lum = 65.6%

%lamp = 65.6%

Conical surface Flux(120deg): 38050 lm

%lum = 86.5%

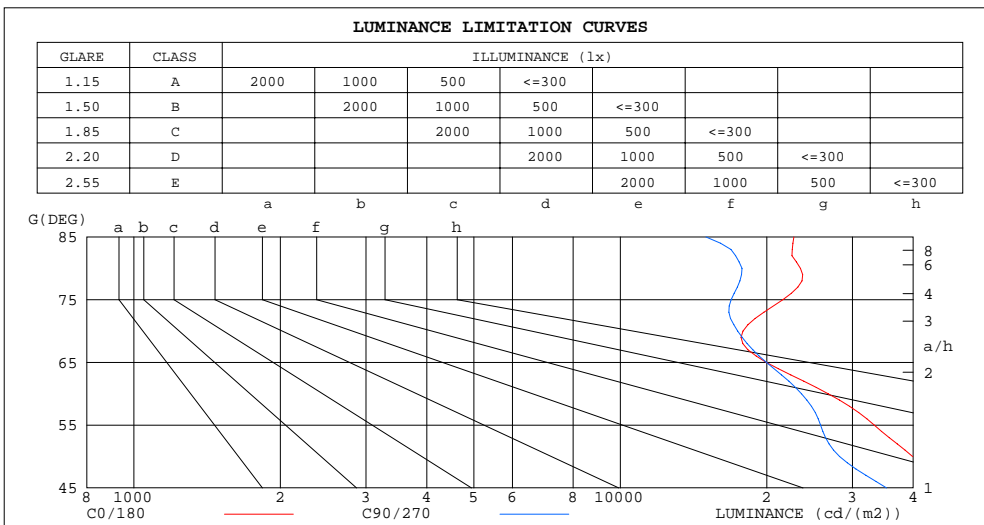
%lamp = 86.5%

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:1.1595A P:320.69W PF:0.9985 Freq:60.00Hz Lamp Flux:43840x1 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	22739	14994
80	23461	17787
75	21584	16900
70	17864	17434
65	19963	19976
60	26768	23586
55	33295	25807
50	39879	28244
45	45767	35258

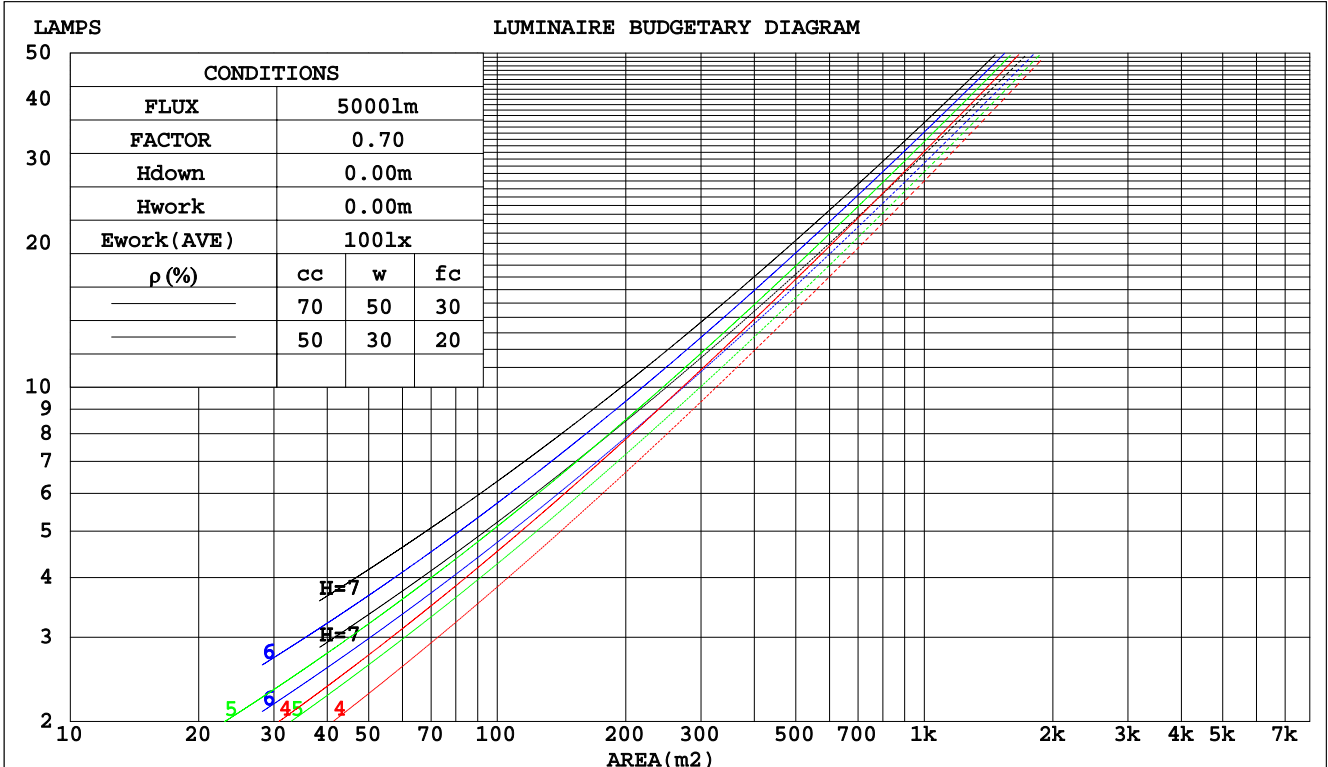
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 11 May 2022

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:1.1595A P:320.69W PF:0.9985 Freq:60.00Hz Lamp Flux:43840x1 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	.98	1.03	1.00	.97	.99	.96	.94	.95	.93	.91	.92	.90	.88	.86
2.0	.94	.88	.83	.92	.86	.82	.88	.84	.80	.85	.81	.78	.82	.79	.76	.74
3.0	.84	.76	.70	.82	.75	.70	.79	.73	.69	.76	.72	.67	.74	.70	.66	.64
4.0	.75	.67	.61	.74	.66	.60	.71	.65	.60	.69	.63	.59	.67	.62	.58	.56
5.0	.68	.59	.53	.67	.59	.53	.65	.58	.52	.63	.57	.52	.61	.56	.51	.49
6.0	.61	.53	.47	.61	.53	.47	.59	.52	.47	.57	.51	.46	.56	.50	.46	.44
7.0	.56	.48	.42	.55	.48	.42	.54	.47	.42	.52	.46	.41	.51	.45	.41	.39
8.0	.51	.43	.38	.51	.43	.38	.50	.43	.38	.48	.42	.37	.47	.41	.37	.35
9.0	.47	.40	.34	.47	.39	.34	.46	.39	.34	.45	.38	.34	.44	.38	.34	.32
10.0	.44	.36	.31	.43	.36	.31	.42	.36	.31	.42	.35	.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:1.1595A P:320.69W PF:0.9985 Freq:60.00Hz Lamp Flux:43840x1 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	.274	.156	.049	.267	.152	.048	.254	.145	.046	.241	.139	.045	.230	.134	.043	
2.0	.259	.142	.044	.253	.139	.043	.242	.134	.042	.231	.130	.041	.221	.125	.039	
3.0	.242	.129	.039	.237	.127	.038	.227	.123	.037	.218	.119	.037	.209	.116	.036	
4.0	.226	.117	.035	.221	.116	.034	.212	.113	.034	.204	.110	.033	.196	.107	.033	
5.0	.211	.107	.031	.207	.106	.031	.199	.104	.030	.192	.101	.030	.185	.099	.030	
6.0	.197	.099	.028	.194	.098	.028	.187	.096	.028	.180	.094	.028	.174	.092	.027	
7.0	.185	.092	.026	.182	.091	.026	.176	.089	.026	.170	.087	.025	.164	.085	.025	
8.0	.174	.085	.024	.171	.084	.024	.165	.083	.024	.160	.081	.023	.155	.080	.023	
9.0	.164	.079	.022	.161	.079	.022	.156	.077	.022	.152	.076	.022	.147	.075	.022	
10.0	.155	.074	.021	.153	.074	.021	.148	.073	.020	.144	.071	.020	.140	.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	.114	.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	.054	.090	.061	.038	.052	.036	.023	.017	.012	.007	
5.0	.145	.091	.051	.124	.078	.044	.086	.055	.031	.050	.032	.019	.016	.011	.006	
6.0	.138	.082	.042	.118	.071	.037	.082	.050	.026	.047	.029	.016	.015	.010	.005	
7.0	.131	.075	.036	.113	.065	.031	.078	.046	.022	.045	.027	.013	.015	.009	.004	
8.0	.125	.069	.031	.108	.060	.027	.074	.042	.019	.043	.025	.011	.014	.008	.004	
9.0	.119	.064	.027	.103	.056	.024	.071	.039	.017	.042	.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:1.1595A P:320.69W PF:0.9985 Freq:60.00Hz Lamp Flux:43840x1 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	23.1	24.6	23.4	24.9	25.2	22.1	23.6	22.5	23.9	24.2
3H	24.5	25.8	24.8	26.1	26.5	23.4	24.7	23.7	25.0	25.4
4H	25.1	26.4	25.5	26.7	27.1	23.9	25.1	24.3	25.5	25.9
6H	25.7	26.8	26.1	27.2	27.6	24.4	25.5	24.8	25.9	26.3
8H	25.9	27.0	26.3	27.4	27.8	24.6	25.7	25.0	26.1	26.5
12H	26.1	27.1	26.5	27.5	27.9	24.7	25.7	25.1	26.1	26.6
4H 2H	23.4	24.7	23.8	25.0	25.4	22.6	23.8	23.0	24.2	24.6
3H	25.0	26.0	25.4	26.4	26.8	24.1	25.1	24.5	25.5	25.9
4H	25.8	26.7	26.2	27.1	27.6	24.8	25.7	25.2	26.1	26.6
6H	26.5	27.3	27.0	27.8	28.2	25.4	26.3	25.9	26.7	27.2
8H	26.8	27.6	27.3	28.0	28.5	25.7	26.5	26.2	26.9	27.4
12H	27.0	27.7	27.5	28.2	28.6	25.9	26.6	26.4	27.0	27.5
8H 4H	26.0	26.8	26.5	27.2	27.7	25.1	25.9	25.6	26.3	26.8
6H	26.9	27.5	27.4	28.0	28.5	26.0	26.6	26.5	27.1	27.6
8H	27.3	27.8	27.8	28.3	28.8	26.3	26.9	26.8	27.4	27.9
12H	27.6	28.1	28.1	28.6	29.1	26.6	27.1	27.1	27.6	28.2
12H 4H	26.0	26.7	26.5	27.2	27.7	25.2	25.9	25.7	26.4	26.8
6H	27.0	27.5	27.5	28.0	28.5	26.1	26.7	26.6	27.1	27.7
8H	27.4	27.9	27.9	28.4	29.0	26.5	27.0	27.0	27.5	28.1
CIE190: 2010										

CIE190: 2010
Area: 0.3658 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:1.1595A P:320.69W PF:0.9985 Freq:60.00Hz Lamp Flux:43840x1 lm		
NAME: LED Flat Linear High Bay	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:ASD LIGHTING CORP	SUR.:	Shielding Angle:

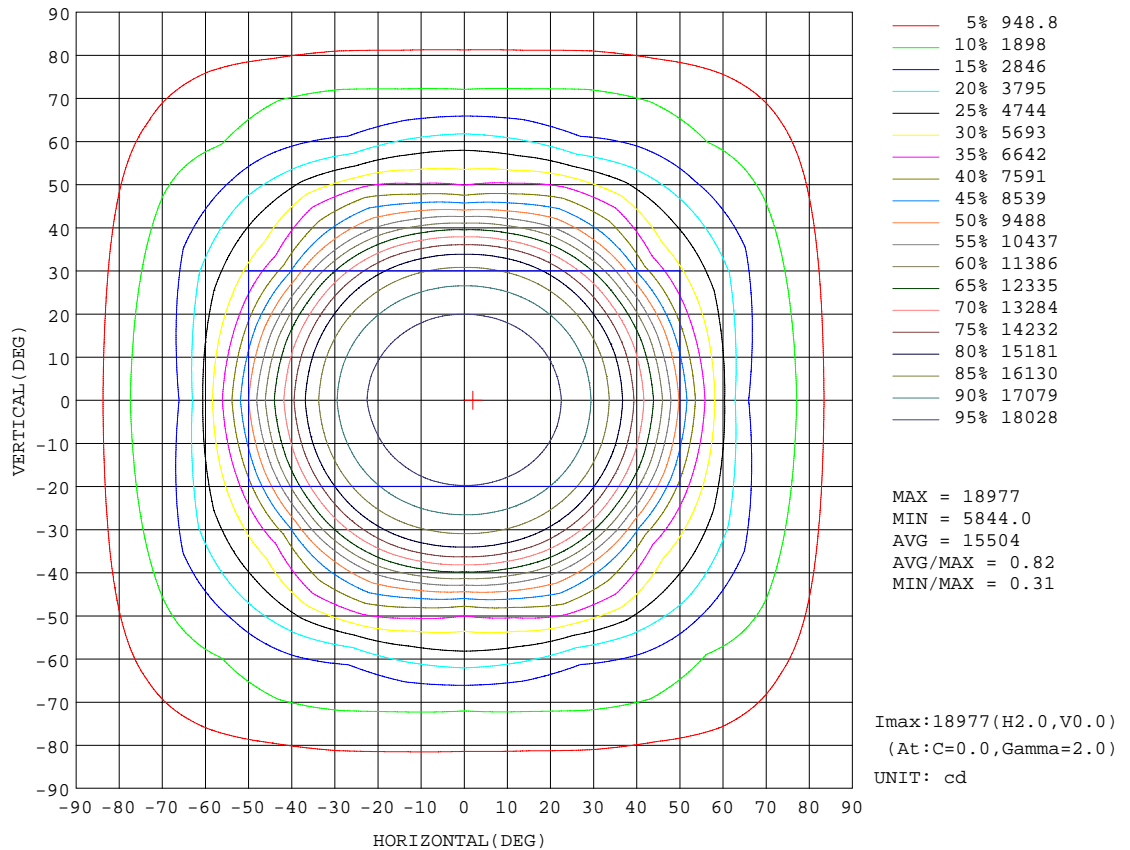
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	64	53	47	63	53	47	62	53	47	41
0.80	74	64	57	73	63	57	71	62	56	50
1.00	82	72	66	81	72	65	79	73	65	59
1.25	88	79	73	87	79	73	85	77	72	65
1.50	93	84	78	91	83	78	88	82	77	70
2.00	99	91	86	97	90	85	94	88	84	76
2.50	102	95	90	100	94	89	96	91	87	80
3.00	105	99	94	103	97	93	99	94	91	83
4.00	108	103	99	106	101	98	102	98	95	87
5.00	110	106	102	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:1.1595A P:320.69W PF:0.9985 Freq:60.00Hz Lamp Flux:43840x1 lm		
NAME: LED Flat Linear High Bay	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:ASD LIGHTING CORP	SUR.:	Shielding Angle:



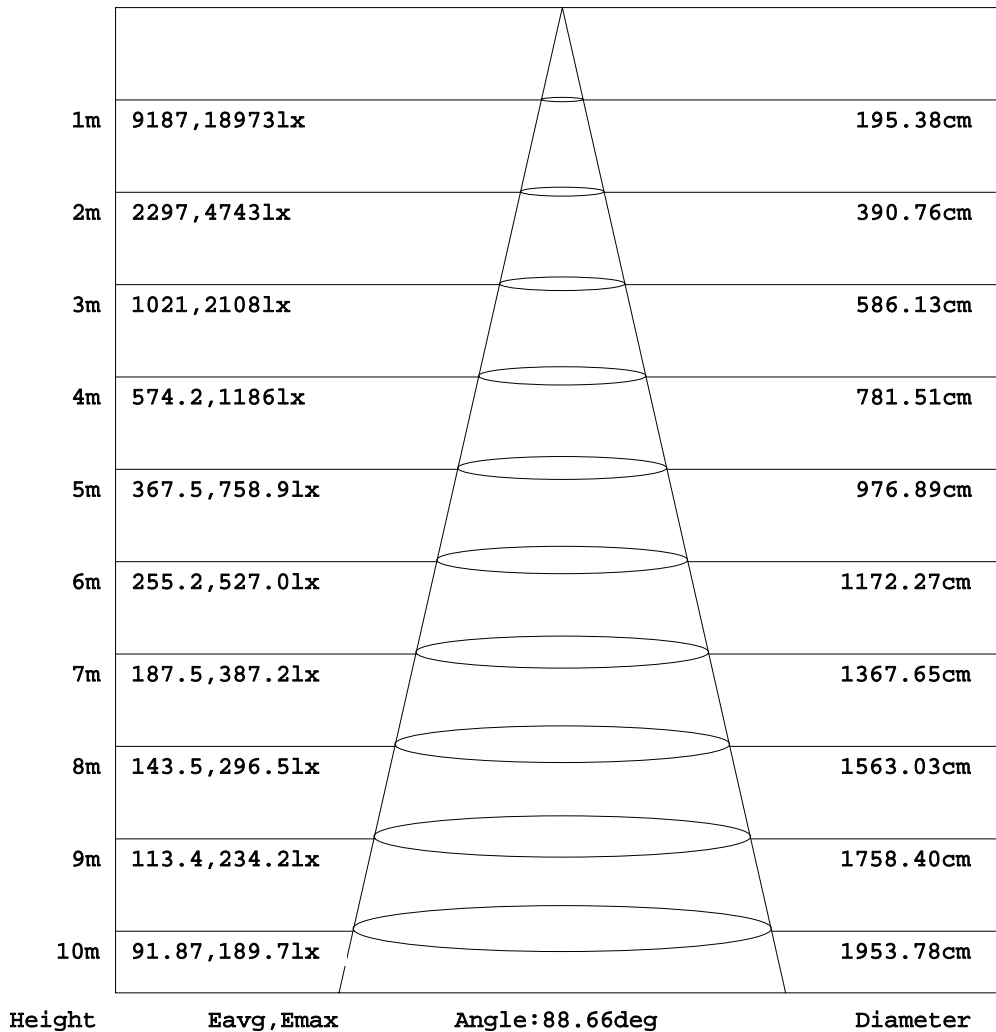
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators:Alan Wang
 Test Date:11 May 2022

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:1.1595A P:320.69W PF:0.9985 Freq:60.00Hz Lamp Flux:43840x1 lm		
NAME: LED Flat Linear High Bay	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:ASD LIGHTING CORP	SUR.:	Shielding Angle:

Flux out:28862 lm



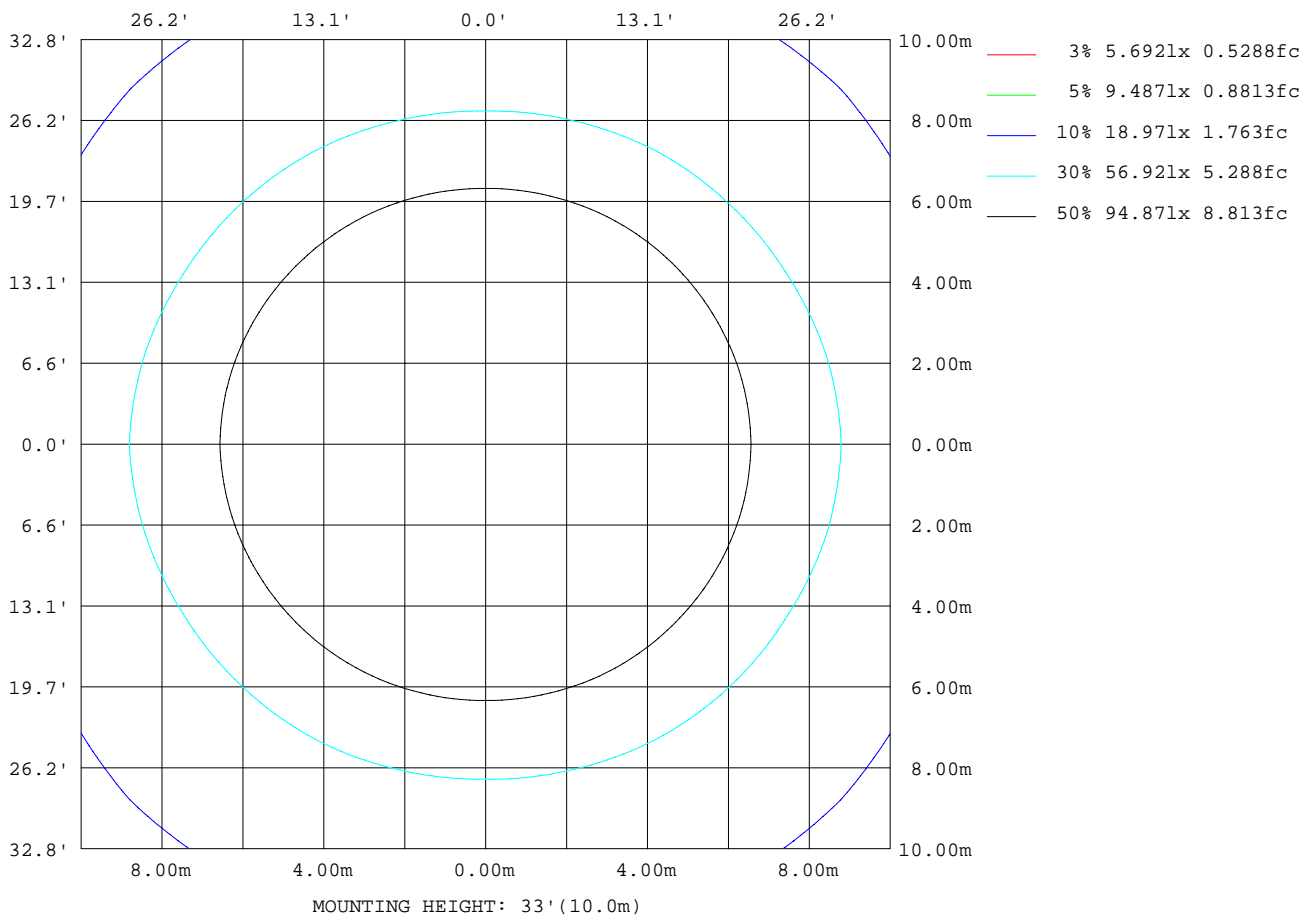
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:1.1595A P:320.69W PF:0.9985 Freq:60.00Hz Lamp Flux:43840x1 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:1.1595A P:320.69W PF:0.9985 Freq:60.00Hz Lamp Flux:43840x1 lm		
NAME: LED Flat Linear High Bay	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:ASD LIGHTING CORP	SUR.:	Shielding Angle:

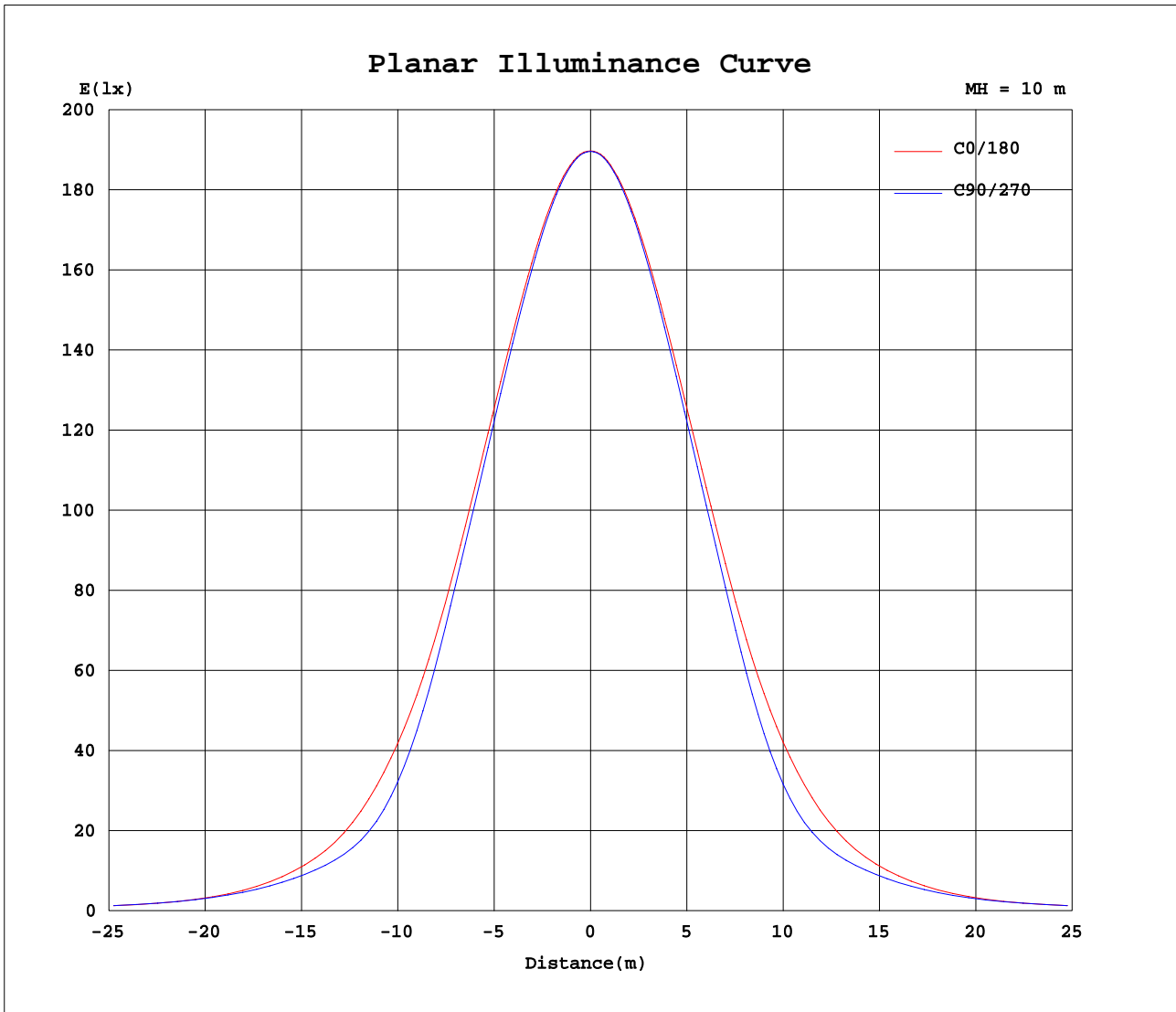
AvgL	cd/m2
L_0~180(65)av	20143
L_0~180(75)av	21625
L_0~180(85)av	23573
L_90~270(65)av	19798
L_90~270(75)av	16944
L_90~270(85)av	14343
L_45(65)av	20858
L_45(75)av	20123
L_45(85)av	19373

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:1.1595A P:320.69W PF:0.9985 Freq:60.00Hz Lamp Flux:43840x1 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	1897	1897	1897	1897	1897	1897	1896	1896	1896	1896	1895	1895	1897	1897	1897	1897	1897	1897	1896
5	1894	1894	1894	1893	1893	1891	1891	1891	1891	1891	1892	1891	1894	1894	1894	1893	1892	1891	1891
10	1882	1881	1880	1878	1876	1875	1873	1874	1874	1875	1877	1878	1882	1881	1880	1877	1877	1875	1874
15	1860	1859	1857	1853	1848	1845	1844	1845	1846	1849	1852	1855	1860	1858	1855	1852	1849	1848	1846
20	1826	1825	1820	1813	1806	1802	1800	1801	1805	1808	1815	1819	1825	1823	1819	1812	1808	1804	1802
25	1774	1772	1764	1754	1745	1738	1734	1736	1742	1750	1759	1767	1775	1771	1763	1753	1743	1737	1734
30	1696	1691	1678	1663	1651	1641	1636	1639	1649	1661	1674	1688	1698	1692	1677	1662	1649	1637	1633
35	1573	1563	1541	1524	1509	1490	1481	1492	1508	1521	1537	1560	1578	1564	1541	1521	1503	1482	1470
40	1397	1375	1334	1307	1277	1241	1222	1242	1278	1302	1329	1371	1402	1374	1331	1297	1263	1224	1204
45	1184	1140	1061	1032	1017	961	912	953	1018	1030	1055	1135	1189	1139	1054	1026	1007	943	893
50	938	880	782	807	811	717	664	720	805	808	777	872	948	879	781	806	802	706	659
55	699	650	600	653	609	556	541	554	609	648	596	648	709	653	602	649	599	551	539
60	490	505	485	478	413	421	431	420	412	469	481	509	500	509	487	472	407	415	425
65	309	383	365	325	277	301	309	304	278	324	358	392	314	389	366	320	277	297	303
70	223	279	244	241	220	223	218	225	222	242	245	285	224	283	246	241	222	222	218
75	204	207	171	190	182	167	160	167	183	191	177	206	205	210	174	192	184	167	161
80	149	134	134	123	122	114	113	114	125	126	135	137	156	139	136	124	121	113	110
85	72.5	63.4	61.5	61.9	58.5	50.4	47.8	51.5	60.3	64.1	65.2	69.3	77.8	67.2	63.9	61.7	56.3	47.0	43.7
90	6.38	4.98	0.67	0.53	0.70	6.00	0.66	0.74	0.76	0.77	11.5	7.52	12.7	5.80	9.92	9.35	4.31	3.68	3.39
95	0.25	0.27	0.23	0.19	0.17	0.16	0.17	0.16	0.16	0.19	0.23	0.35	0.37	0.38	0.42	0.30	0.28	0.27	0.27
100	0.27	0.29	0.28	0.20	0.17	0.16	0.16	0.17	0.18	0.20	0.25	0.26	0.41	0.45	0.45	0.34	0.32	0.30	0.30
105	0.34	0.33	0.39	0.23	0.25	0.23	0.23	0.24	0.26	0.25	0.23	0.30	0.46	0.45	0.43	0.41	0.42	0.40	0.39
110	0.33	0.30	0.28	0.28	0.29	0.28	0.28	0.29	0.31	0.33	0.30	0.31	0.47	0.47	0.45	0.46	0.47	0.45	0.45
115	0.37	0.36	0.37	0.36	0.35	0.34	0.35	0.36	0.39	0.40	0.41	0.38	0.49	0.54	0.54	0.55	0.54	0.53	0.53
120	0.40	0.42	0.49	0.42	0.42	0.42	0.44	0.45	0.48	0.49	0.54	0.49	0.63	0.69	0.70	0.68	0.66	0.66	0.66
125	0.61	0.55	0.55	0.58	0.51	0.52	0.54	0.56	0.58	0.66	0.62	0.63	0.90	0.90	0.88	0.90	0.86	0.86	0.86
130	0.70	0.63	0.65	0.65	0.69	0.61	0.64	0.67	0.76	0.75	0.71	0.65	0.96	1.01	1.05	1.09	1.12	1.10	1.10
135	0.81	0.76	0.76	0.73	0.78	0.82	0.86	0.88	0.86	0.84	0.81	0.76	1.10	1.09	1.17	1.22	1.28	1.33	1.35
140	0.84	0.87	0.86	0.86	0.86	0.92	0.94	0.96	0.95	0.95	0.93	0.93	1.19	1.24	1.25	1.34	1.39	1.44	1.45
145	0.99	1.02	0.99	0.96	1.00	1.02	1.03	1.05	1.06	1.01	0.98	1.05	1.36	1.39	1.37	1.45	1.52	1.54	1.56
150	1.13	1.13	1.09	1.10	1.06	1.11	1.13	1.14	1.12	1.15	1.06	1.08	1.43	1.48	1.45	1.59	1.61	1.68	1.69
155	1.21	1.28	1.34	1.21	1.26	1.26	1.21	1.22	1.30	1.26	1.29	1.20	1.55	1.57	1.70	1.70	1.78	1.80	1.76
160	1.40	1.47	1.49	1.39	1.32	1.34	1.32	1.34	1.35	1.36	1.40	1.35	1.74	1.72	1.76	1.86	1.85	1.91	1.92
165	1.54	1.63	1.59	1.61	1.47	1.45	1.39	1.45	1.48	1.52	1.52	1.52	1.82	1.82	1.81	1.92	1.98	1.95	1.94
170	1.71	1.73	1.71	1.60	1.49	1.55	1.54	1.53	1.59	1.58	1.62	1.74	1.96	1.95	1.97	1.92	1.95	2.01	1.98
175	1.90	1.92	1.91	1.88	1.76	1.69	1.59	1.63	1.75	1.77	1.81	1.86	1.99	1.99	2.02	2.03	2.00	2.01	1.88
180	1.97	1.99	1.99	1.94	1.89	1.91	1.89	1.91	1.84	1.88	1.90	1.93	1.97	1.97	1.99	1.98	1.94	1.90	1.91

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:1.1595A P:320.69W PF:0.9985 Freq:60.00Hz Lamp Flux:43840x1 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	1896	1896	1896	1895	1895														
5	1891	1892	1892	1892	1892														
10	1876	1876	1878	1879	1880														
15	1847	1849	1852	1855	1857														
20	1803	1808	1813	1819	1823														
25	1737	1744	1754	1763	1771														
30	1637	1648	1661	1676	1691														
35	1482	1501	1516	1536	1561														
40	1223	1263	1289	1322	1371														
45	939	1007	1019	1047	1132														
50	711	795	805	773	870														
55	545	597	641	594	645														
60	410	403	464	478	506														
65	299	276	321	353	390														
70	224	224	241	243	284														
75	167	183	190	178	206														
80	112	121	124	134	136														
85	46.9	54.5	59.4	61.4	67.8														
90	3.54	3.95	4.49	9.46	4.02														
95	0.27	0.27	0.30	0.36	0.56														
100	0.30	0.32	0.35	0.42	0.42														
105	0.40	0.42	0.40	0.43	0.48														
110	0.45	0.48	0.46	0.45	0.46														
115	0.53	0.55	0.56	0.54	0.53														
120	0.67	0.68	0.69	0.70	0.66														
125	0.86	0.86	0.88	0.85	0.88														
130	1.09	1.10	1.04	1.01	1.01														
135	1.31	1.23	1.17	1.15	1.13														
140	1.41	1.36	1.32	1.27	1.24														
145	1.53	1.53	1.48	1.45	1.45														
150	1.71	1.66	1.66	1.56	1.59														
155	1.78	1.82	1.80	1.75	1.73														
160	1.92	1.90	1.88	1.95	1.86														
165	1.93	1.94	1.95	2.05	1.94														
170	2.03	2.05	1.94	1.97	1.94														
175	1.90	1.96	1.94	2.00	1.98														
180	1.89	1.89	1.86	1.88	1.90														

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: