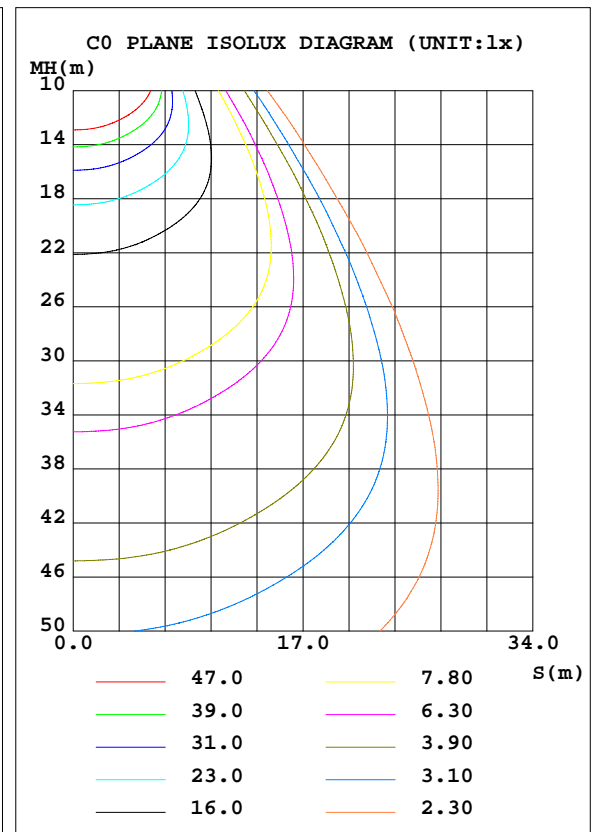
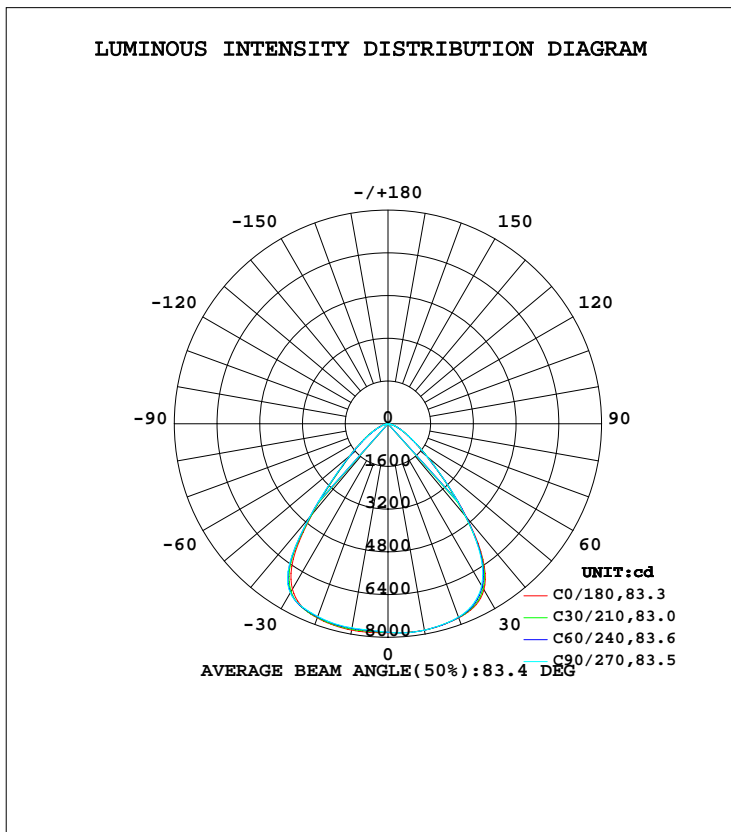


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.00V I:0.8153A P:97.450W PF:0.9960 Freq:60.00Hz Lamp Flux:14500x1 lm		
NAME: LED UFO high bay	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:ASD LIGHTING CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 147.87 lm/W			
MODEL	ASD-UHB3-100DAC-BK	I <sub>max</sub> (cd)	7861	S/MH(C0/180)	1.19
NOMINAL POWER(W)	100	LOR(%)	100.0	S/MH(C90/270)	1.20
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	14500	η UP, DN(C0-180)	0.0,49.8
NOMINAL FLUX(lm)	14500	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.1,50.1
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	99.9	CIBSE SHR MAX	1.25



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.1DEG  
 Operators: Alan Wang  
 Test Date: 25 January 2022

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity: 48.6%  
 Test Distance: 2.500m [K=1.0546]  
 Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	7849	7853	7848	7833	7850	7798	7764	7785	0- 10	746.3	746.3	5.18,5.18
20	7736	7723	7707	7701	7741	7710	7682	7683	10- 20	2203	2949	20.5,20.5
30	7184	7091	7006	6988	7158	7289	7317	7259	20- 30	3469	6418	44.5,44.5
40	4579	4507	4520	4432	4403	4493	4570	4606	30- 40	3782	10201	70.8,70.8
50	1882	1941	1907	1875	1898	1839	1875	1929	40- 50	2312	12513	86.8,86.8
60	810.5	831.4	834.0	813.1	837.3	770.7	804.5	829.8	50- 60	1138	13651	94.7,94.7
70	320.8	315.3	327.7	320.9	323.4	290.7	299.6	304.6	60- 70	526.7	14178	98.4,98.4
80	75.53	81.11	82.15	78.08	73.63	66.20	64.96	69.16	70- 80	183.7	14361	99.7,99.7
90	3.515	4.310	4.782	4.586	4.247	4.108	3.991	3.725	80- 90	31.27	14393	99.9,99.9
100	0.2740	0.2651	0.2674	0.2727	0.5618	0.5656	0.5672	0.5606	90-100	1.693	14394	99.9,99.9
110	0.4708	0.4612	0.4764	0.4921	0.9132	0.9284	0.9430	0.9199	100-110	0.5796	14395	99.9,99.9
120	1.013	1.009	1.075	1.081	1.935	1.955	1.972	1.920	110-120	1.010	14396	99.9,99.9
130	1.962	1.962	2.049	2.020	3.731	3.946	4.085	3.807	120-130	1.948	14398	99.9,99.9
140	3.168	3.263	3.291	3.233	5.247	5.727	5.863	5.595	130-140	2.858	14401	99.9,99.9
150	4.329	4.580	4.573	4.353	6.707	7.052	7.317	7.086	140-150	3.188	14404	100,100
160	5.958	5.938	5.457	5.804	8.258	8.426	8.336	8.260	150-160	2.956	14407	100,100
170	6.946	7.184	6.730	6.657	8.818	8.968	8.674	8.473	160-170	2.119	14409	100,100
180	8.630	8.911	8.417	8.483	8.659	8.848	8.411	8.157	170-180	0.7670	14410	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 11561 lm

%lum = 80.2%

%lamp = 80.2%

Conical surface Flux(120deg): 13651 lm

%lum = 94.7%

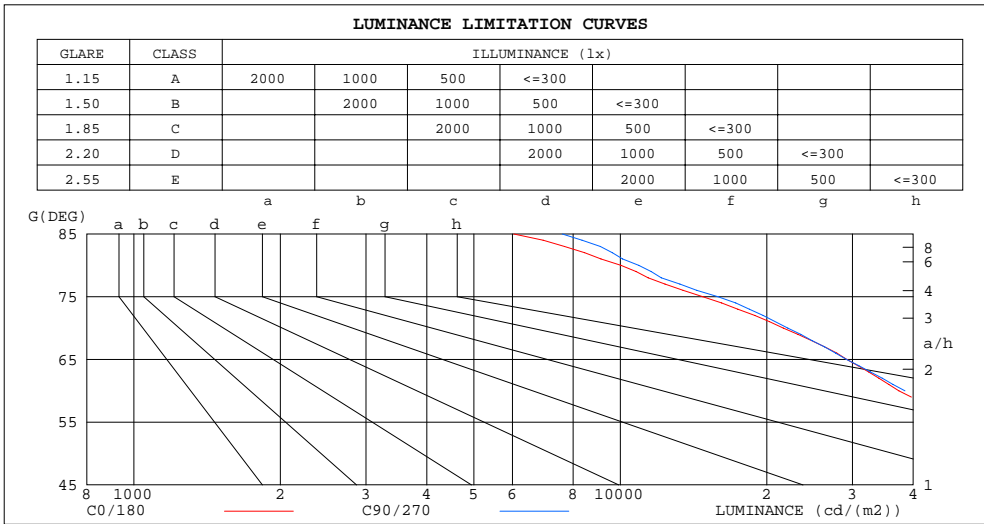
%lamp = 94.7%

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.1DEG  
 Operators: Alan Wang  
 Test Date: 25 January 2022

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity: 48.6%  
 Test Distance: 2.500m [K=1.0546]  
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.00V I:0.8153A P:97.450W PF:0.9960 Freq:60.00Hz Lamp Flux:14500x1 lm		
NAME: LED UFO 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	6039	7594
80	10034	10913
75	14771	15878
70	21633	22100
65	29225	29167
60	37390	38477
55	50034	50766
50	67525	68440
45	97705	97708

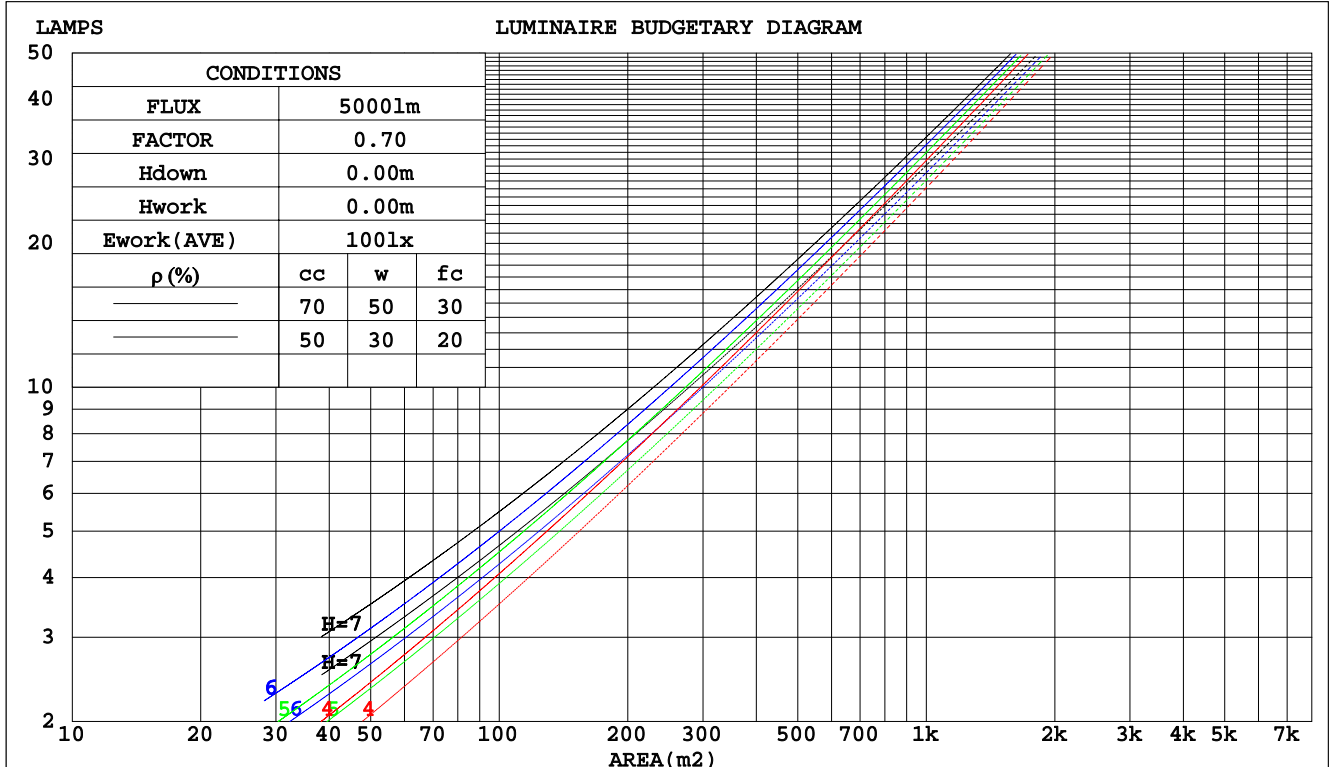
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.1DEG  
 Operators: Alan Wang  
 Test Date: 25 January 2022

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity: 48.6%  
 Test Distance: 2.500m [K=1.0546]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.00V I:0.8153A P:97.450W PF:0.9960 Freq:60.00Hz Lamp Flux:14500x1 lm		
NAME: LED UFO 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	1.08	1.05	1.02	1.06	1.03	1.01	1.02	.90	.98	.98	.96	.95	.95	.93	.92	.90
2.0	.98	.93	.89	.96	.92	.88	.93	.89	.86	.90	.87	.84	.87	.84	.82	.80
3.0	.89	.83	.78	.88	.82	.77	.85	.80	.76	.82	.78	.74	.80	.76	.73	.71
4.0	.81	.74	.69	.80	.73	.68	.77	.72	.67	.75	.70	.67	.73	.69	.66	.64
5.0	.74	.67	.61	.73	.66	.61	.71	.65	.60	.69	.64	.60	.68	.63	.59	.57
6.0	.68	.60	.55	.67	.60	.55	.65	.59	.54	.64	.58	.54	.62	.57	.54	.52
7.0	.62	.55	.50	.62	.55	.50	.60	.54	.49	.59	.53	.49	.58	.53	.49	.47
8.0	.58	.50	.45	.57	.50	.45	.56	.49	.45	.55	.49	.45	.54	.48	.45	.43
9.0	.53	.46	.41	.53	.46	.41	.52	.46	.41	.51	.45	.41	.50	.45	.41	.39
10.0	.50	.43	.38	.49	.43	.38	.48	.42	.38	.47	.42	.38	.47	.41	.38	.36



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.1DEG  
 Operators: Alan Wang  
 Test Date: 25 January 2022

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity: 48.6%  
 Test Distance: 2.500m [K=1.0546]  
 Remarks:

WEC AND CCEC

Test:U:120.00V I:0.8153A P:97.450W PF:0.9960 Freq:60.00Hz Lamp Flux:14500x1 lm		
NAME: LED UFO 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	.224	.127	.040	.217	.124	.039	.204	.117	.037	.192	.111	.036	.181	.105	.034	
2.0	.218	.119	.037	.212	.117	.036	.201	.112	.035	.191	.107	.033	.181	.102	.032	
3.0	.208	.111	.033	.203	.109	.033	.193	.105	.032	.184	.101	.031	.176	.097	.030	
4.0	.197	.102	.030	.193	.101	.030	.184	.098	.029	.176	.095	.029	.169	.092	.028	
5.0	.187	.095	.028	.183	.094	.027	.175	.091	.027	.168	.089	.026	.162	.086	.026	
6.0	.177	.089	.025	.173	.088	.025	.167	.085	.025	.160	.083	.024	.155	.081	.024	
7.0	.168	.083	.023	.164	.082	.023	.158	.080	.023	.153	.078	.023	.148	.077	.023	
8.0	.159	.078	.022	.156	.077	.022	.151	.075	.022	.146	.074	.021	.141	.072	.021	
9.0	.151	.073	.020	.149	.072	.020	.144	.071	.020	.139	.070	.020	.135	.069	.020	
10.0	.144	.069	.019	.142	.068	.019	.137	.067	.019	.133	.066	.019	.129	.065	.019	

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	.175	.158	.142	.150	.135	.122	.103	.093	.085	.059	.054	.049	.019	.017	.016	
2.0	.163	.133	.108	.140	.115	.093	.096	.079	.065	.055	.046	.038	.018	.015	.012	
3.0	.153	.115	.084	.132	.099	.073	.090	.069	.051	.052	.040	.030	.017	.013	.010	
4.0	.145	.101	.067	.124	.087	.058	.086	.061	.041	.049	.036	.024	.016	.012	.008	
5.0	.137	.090	.055	.118	.078	.047	.081	.054	.034	.047	.032	.020	.015	.010	.007	
6.0	.131	.081	.045	.112	.070	.040	.077	.049	.028	.045	.029	.017	.015	.009	.005	
7.0	.125	.074	.038	.107	.064	.033	.074	.045	.024	.043	.026	.014	.014	.009	.005	
8.0	.119	.068	.033	.102	.059	.029	.071	.041	.020	.041	.024	.012	.013	.008	.004	
9.0	.114	.063	.029	.098	.055	.025	.068	.038	.018	.040	.023	.011	.013	.007	.004	
10.0	.109	.059	.026	.094	.051	.022	.065	.036	.016	.038	.021	.009	.012	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.1DEG  
 Operators: Alan Wang  
 Test Date: 25 January 2022

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity: 48.6%  
 Test Distance: 2.500m [K=1.0546]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.00V I:0.8153A P:97.450W PF:0.9960 Freq:60.00Hz Lamp Flux:14500x1 lm										
NAME: LED UFO 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	22.9	24.2	23.3	24.5	24.8	22.7	24.0	23.1	24.3	24.7
3H	23.5	24.6	23.9	24.9	25.3	23.5	24.6	23.9	25.0	25.3
4H	23.6	24.7	24.0	25.0	25.4	23.6	24.7	24.1	25.1	25.4
6H	23.6	24.6	24.0	25.0	25.4	23.7	24.6	24.1	25.0	25.4
8H	23.6	24.5	24.0	24.9	25.3	23.7	24.6	24.1	25.0	25.4
12H	23.6	24.5	24.0	24.8	25.3	23.6	24.5	24.1	24.9	25.3
4H 2H	23.1	24.1	23.5	24.5	24.9	23.0	24.0	23.4	24.4	24.7
3H	23.8	24.7	24.2	25.1	25.5	23.8	24.7	24.2	25.1	25.5
4H	24.0	24.7	24.4	25.2	25.6	24.0	24.8	24.5	25.2	25.7
6H	24.0	24.7	24.5	25.1	25.6	24.1	24.8	24.6	25.2	25.7
8H	24.0	24.6	24.5	25.1	25.6	24.1	24.7	24.6	25.2	25.6
12H	24.0	24.5	24.5	25.0	25.5	24.1	24.6	24.6	25.1	25.6
8H 4H	24.0	24.6	24.5	25.0	25.5	24.0	24.6	24.5	25.1	25.6
6H	24.1	24.6	24.6	25.1	25.6	24.1	24.6	24.6	25.1	25.6
8H	24.1	24.5	24.6	25.0	25.5	24.1	24.6	24.7	25.1	25.6
12H	24.1	24.5	24.6	25.0	25.5	24.1	24.5	24.7	25.0	25.6
12H 4H	23.9	24.5	24.4	25.0	25.4	24.0	24.5	24.5	25.0	25.5
6H	24.0	24.5	24.6	25.0	25.5	24.1	24.5	24.6	25.0	25.6
8H	24.1	24.5	24.6	24.9	25.5	24.1	24.5	24.6	25.0	25.6
CIE190: 2010										

CIE190: 2010  
Area: 0.0433516 m2

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.1DEG  
Operators: Alan Wang  
Test Date: 25 January 2022

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
Humidity: 48.6%  
Test Distance: 2.500m [K=1.0546]  
Remarks:

## UTILIZATION FACTORS TABLE

Test:U:120.00V I:0.8153A P:97.450W PF:0.9960 Freq:60.00Hz Lamp Flux:14500x1 lm		
NAME: LED UFO high bay	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:ASD LIGHTING CORP	SUR.:	Shielding Angle:

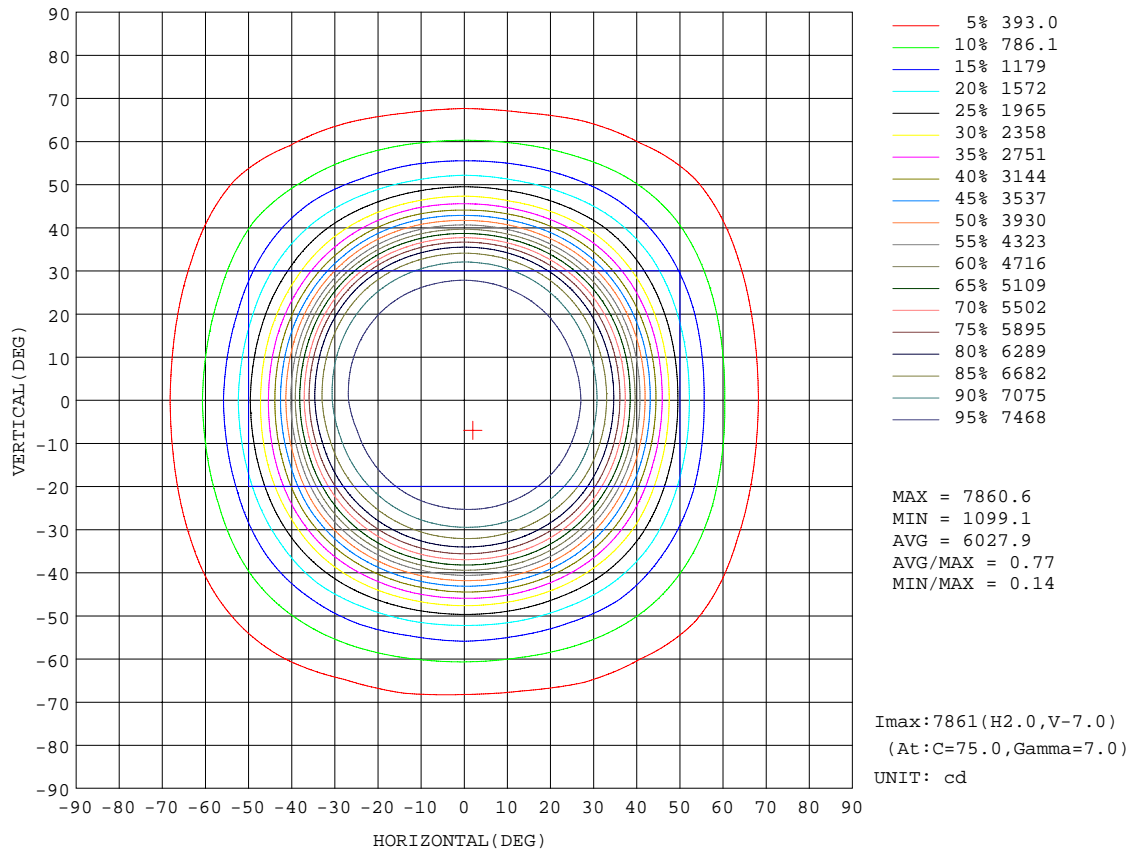
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	73	64	59	72	64	59	71	64	59	54
0.80	82	74	69	82	74	68	80	73	68	63
1.00	89	81	76	88	81	76	87	81	75	70
1.25	95	88	83	94	87	82	92	86	82	76
1.50	99	92	87	98	91	87	95	90	86	80
2.00	104	98	93	102	97	93	99	95	91	85
2.50	106	101	97	104	99	96	101	97	94	87
3.00	108	104	100	106	102	99	103	99	97	89
4.00	111	107	104	109	105	103	105	102	100	92
5.00	113	109	107	110	107	105	106	104	102	94
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: 25.1DEG  
 Operators: Alan Wang  
 Test Date: 25 January 2022

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity: 48.6%  
 Test Distance: 2.500m [K=1.0546]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.00V I:0.8153A P:97.450W PF:0.9960 Freq:60.00Hz Lamp Flux:14500x1 lm		
NAME: LED UFO 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: 25.1DEG  
 Operators: Alan Wang  
 Test Date: 25 January 2022

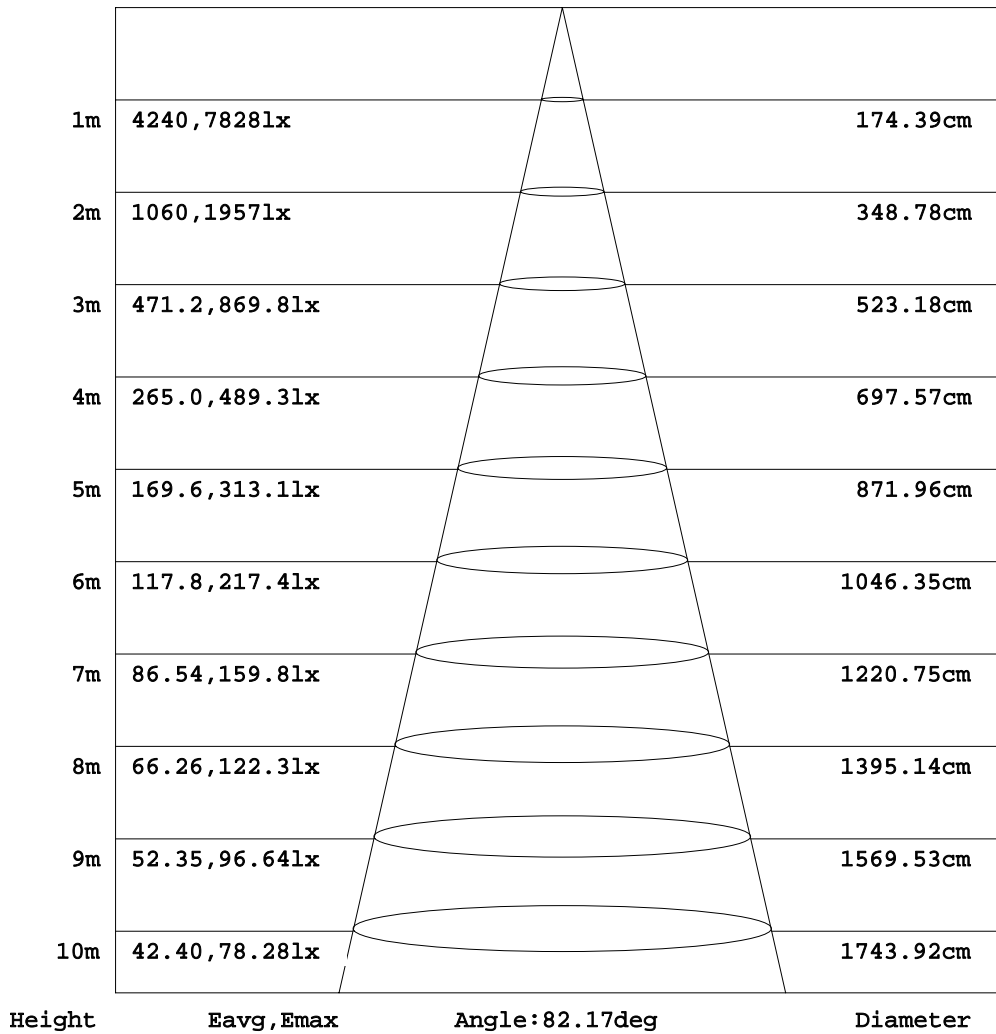
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity: 48.6%  
 Test Distance: 2.500m [K=1.0546]  
 Remarks:



AAI Figure

Test:U:120.00V I:0.8153A P:97.450W PF:0.9960 Freq:60.00Hz Lamp Flux:14500x1 lm		
NAME: LED UFO high bay	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:ASD LIGHTING CORP	SUR.:	Shielding Angle:

Flux out:10800 lm



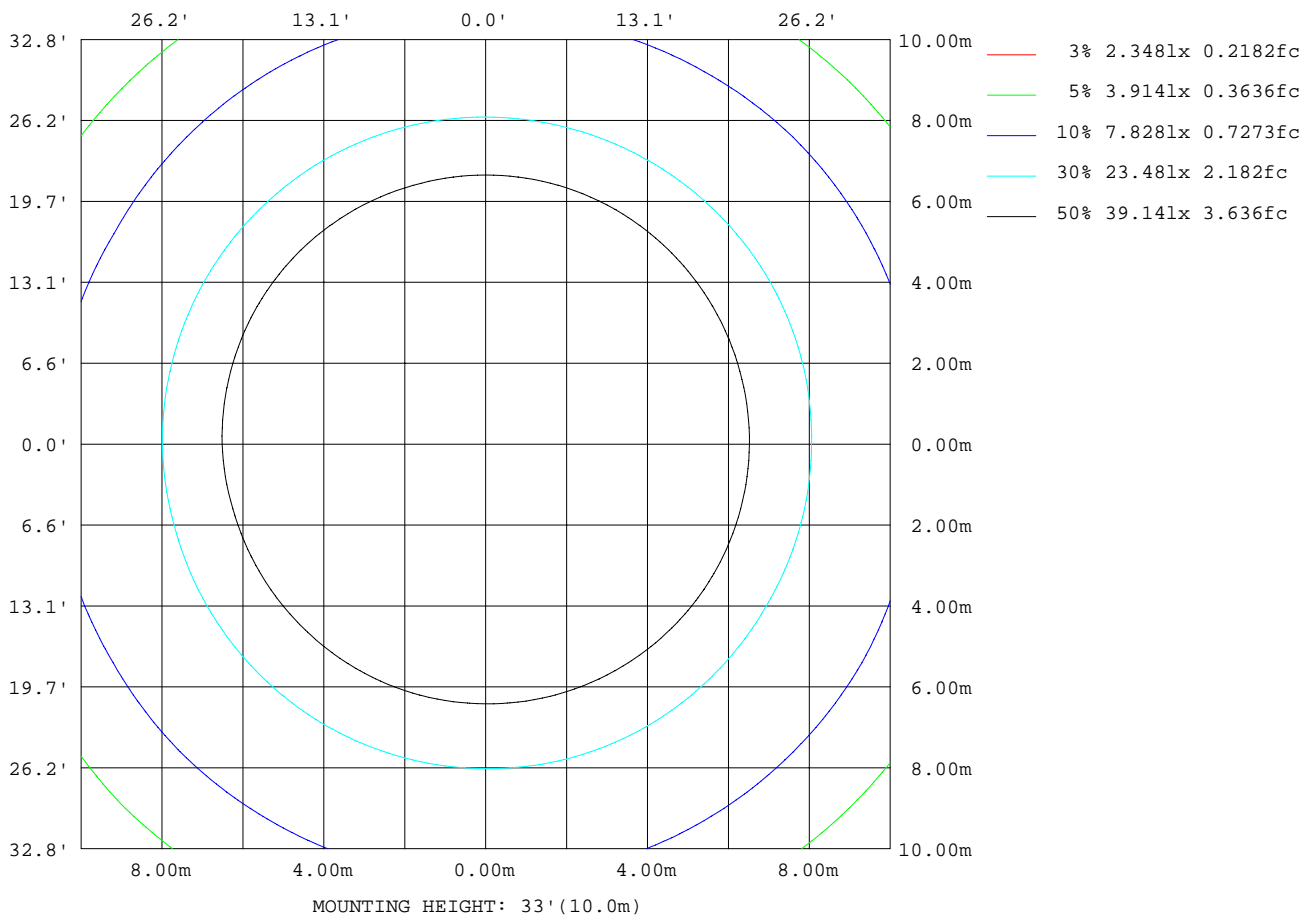
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.1DEG  
 Operators:Alan Wang  
 Test Date:25 January 2022

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity: 48.6%  
 Test Distance:2.500m [K=1.0546]  
 Remarks:

ISOLUX DIAGRAM

Test:U:120.00V I:0.8153A P:97.450W PF:0.9960 Freq:60.00Hz Lamp Flux:14500x1 lm		
NAME: LED UFO 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: 25.1DEG  
 Operators: Alan Wang  
 Test Date: 25 January 2022

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity: 48.6%  
 Test Distance: 2.500m [K=1.0546]  
 Remarks:

## LED Avg.L Report

Test:U:120.00V I:0.8153A P:97.450W PF:0.9960 Freq:60.00Hz Lamp Flux:14500x1 lm		
NAME: LED UFO high bay	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:ASD LIGHTING CORP	SUR.:	Shielding Angle:

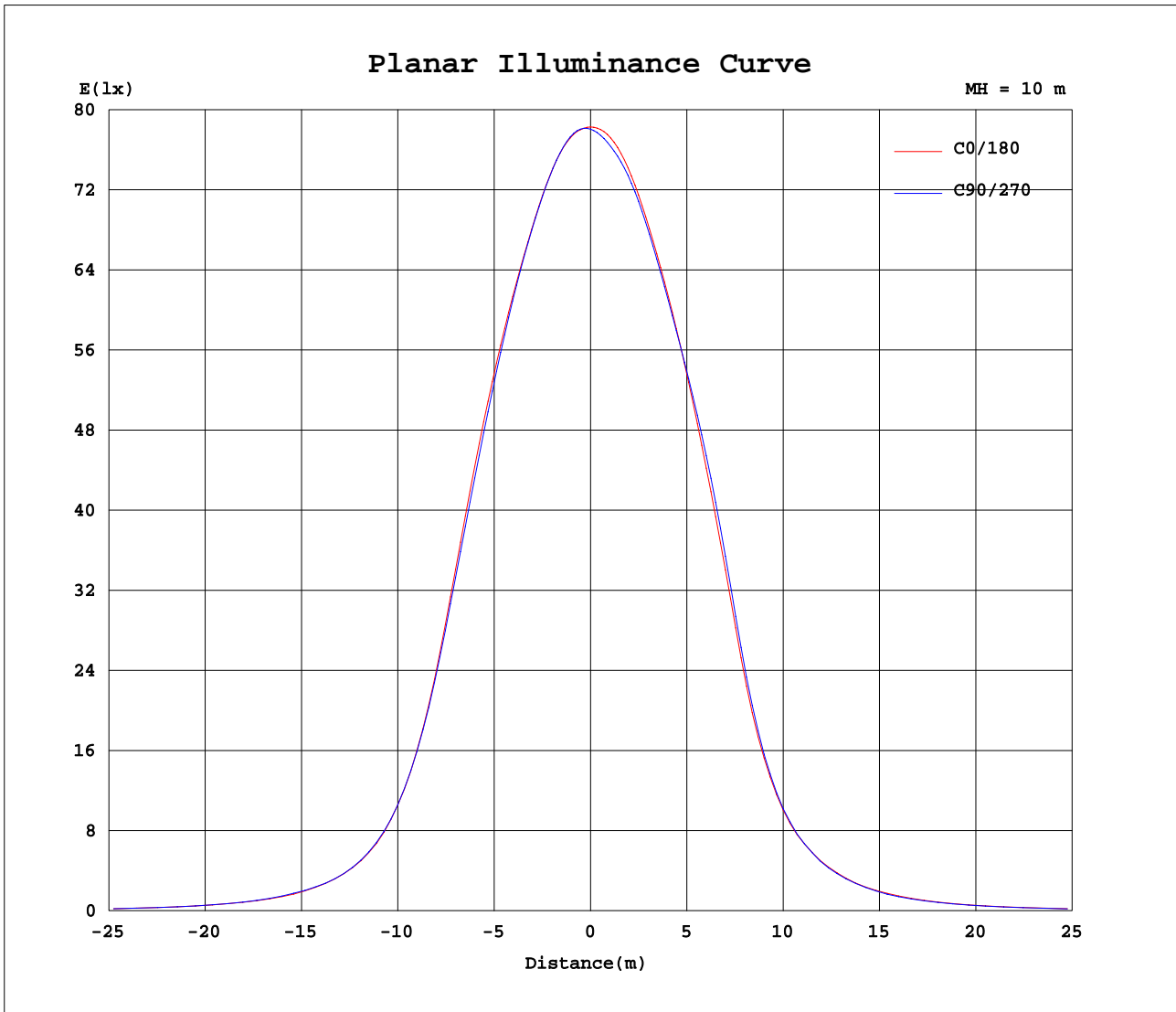
AvgL	cd/m2
L_0~180(65)av	29176
L_0~180(75)av	14635
L_0~180(85)av	6020
L_90~270(65)av	28609
L_90~270(75)av	14714
L_90~270(85)av	6343
L_45(65)av	27500
L_45(75)av	14566
L_45(85)av	6345

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.1DEG  
Operators: Alan Wang  
Test Date: 25 January 2022

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
Humidity: 48.6%  
Test Distance: 2.500m [K=1.0546]  
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.1DEG  
Operators: Alan Wang  
Test Date: 25 January 2022

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
Humidity: 48.6%  
Test Distance: 2.500m [K=1.0546]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.00V I:0.8153A P:97.450W PF:0.9960 Freq:60.00Hz Lamp Flux:14500x1 lm		
NAME: LED UFO high bay	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	7828	7823	7819	7818	7811	7811	7806	7804	7802	7798	7795	7793	7828	7823	7819	7818	7811	7811	7806
5	7844	7847	7852	7855	7855	7856	7854	7849	7844	7835	7828	7817	7843	7825	7807	7791	7778	7767	7763
10	7849	7850	7851	7853	7851	7852	7848	7844	7839	7833	7827	7819	7850	7835	7816	7798	7781	7768	7764
15	7809	7805	7802	7805	7805	7802	7797	7791	7792	7787	7781	7777	7816	7808	7794	7778	7762	7753	7749
20	7736	7730	7726	7723	7721	7716	7707	7702	7702	7701	7698	7696	7741	7736	7725	7710	7698	7685	7682
25	7587	7571	7558	7539	7519	7505	7488	7482	7488	7490	7499	7513	7581	7597	7602	7599	7594	7582	7576
30	7184	7151	7130	7091	7054	7030	7006	6995	6988	6988	7015	7057	7158	7216	7259	7289	7306	7309	7317
35	6201	6160	6133	6113	6092	6078	6058	6052	6024	6011	6021	6064	6195	6257	6335	6391	6420	6426	6441
40	4579	4538	4477	4507	4556	4560	4520	4491	4464	4432	4403	4353	4403	4422	4456	4493	4564	4583	4570
45	2995	2925	2967	2991	3017	3035	2995	2966	2926	2924	2937	2871	2847	2840	2783	2796	2860	2915	2884
50	1882	1892	1936	1941	1901	1916	1907	1899	1879	1875	1870	1866	1898	1846	1821	1839	1822	1848	1875
55	1244	1262	1256	1269	1239	1237	1262	1240	1254	1244	1243	1229	1257	1201	1213	1227	1195	1224	1234
60	810	846	824	831	822	823	834	830	833	813	811	795	837	792	812	771	786	800	805
65	535	510	540	508	548	525	534	560	514	529	507	514	534	503	521	473	495	492	514
70	321	311	322	315	331	322	328	342	317	321	312	311	323	308	309	291	293	294	300
75	166	169	176	175	181	177	178	179	174	170	163	161	163	156	155	150	150	149	152
80	75.5	77.2	80.7	81.1	81.6	81.6	82.2	81.5	80.4	78.1	76.6	73.8	73.6	68.9	67.9	66.2	65.2	64.0	65.0
85	22.8	25.2	27.2	28.0	29.0	29.5	28.7	28.5	27.1	26.4	23.9	22.2	22.7	22.1	20.8	20.1	19.2	19.0	19.2
90	3.51	3.73	4.03	4.31	4.53	4.71	4.78	4.81	4.70	4.59	4.37	4.19	4.25	4.20	4.16	4.11	4.09	4.05	3.99
95	0.25	0.26	0.37	1.26	1.35	1.43	1.49	1.43	1.36	1.25	0.22	0.21	0.41	0.41	0.61	0.88	0.91	0.92	0.90
100	0.27	0.27	0.26	0.27	0.27	0.26	0.27	0.27	0.27	0.27	0.27	0.27	0.56	0.56	0.56	0.57	0.57	0.57	0.57
105	0.36	0.35	0.34	0.35	0.35	0.35	0.35	0.35	0.36	0.36	0.36	0.36	0.74	0.74	0.74	0.74	0.74	0.75	0.75
110	0.47	0.47	0.45	0.46	0.47	0.47	0.48	0.48	0.49	0.49	0.49	0.49	0.91	0.91	0.92	0.93	0.93	0.94	0.94
115	0.67	0.67	0.66	0.67	0.69	0.70	0.71	0.72	0.73	0.73	0.71	0.70	1.25	1.24	1.26	1.28	1.29	1.30	1.31
120	1.01	0.98	0.98	1.01	1.03	1.06	1.08	1.09	1.09	1.08	1.07	1.03	1.93	1.92	1.93	1.95	1.96	1.96	1.97
125	1.43	1.42	1.40	1.45	1.51	1.50	1.53	1.55	1.54	1.52	1.50	1.45	2.82	2.82	2.83	2.91	2.95	2.94	2.94
130	1.96	1.94	1.92	1.96	2.05	1.96	2.05	2.07	2.07	2.02	2.03	1.98	3.73	3.77	3.82	3.95	4.05	4.08	4.09
135	2.54	2.52	2.61	2.57	2.68	2.67	2.69	2.71	2.68	2.60	2.59	2.63	4.54	4.60	4.76	4.90	5.01	5.14	5.12
140	3.17	3.16	3.18	3.26	3.31	3.40	3.29	3.31	3.29	3.23	3.08	3.11	5.25	5.32	5.40	5.73	5.88	5.95	5.86
145	3.70	3.88	3.89	3.90	4.09	4.12	4.00	4.00	3.91	3.80	3.66	3.71	5.96	6.06	6.22	6.47	6.69	6.76	6.67
150	4.33	4.58	4.55	4.58	4.64	4.65	4.57	4.58	4.45	4.35	4.17	4.23	6.71	6.71	6.66	7.05	7.25	7.37	7.32
155	5.08	5.44	5.52	5.30	5.29	5.36	5.15	5.23	5.15	5.09	5.22	4.89	7.34	7.30	7.59	7.61	7.77	7.90	7.85
160	5.96	6.17	6.19	5.94	5.77	5.75	5.46	5.76	5.67	5.80	5.84	5.66	8.26	8.21	8.18	8.43	8.34	8.36	8.34
165	6.39	6.71	6.74	6.66	6.41	6.28	6.15	6.33	6.39	6.42	6.31	6.29	8.61	8.62	8.67	8.75	8.86	8.74	8.65
170	6.95	7.20	7.26	7.18	6.83	6.73	6.73	6.74	6.73	6.66	6.66	6.76	8.82	8.82	8.92	8.97	8.99	8.91	8.67
175	7.85	8.15	8.19	8.10	7.76	7.62	7.34	7.53	7.52	7.52	7.59	7.71	8.87	8.86	9.05	9.04	8.89	8.86	8.62
180	8.63	8.94	8.98	8.91	8.71	8.68	8.42	8.12	8.46	8.48	8.71	8.87	8.66	8.65	8.87	8.85	8.75	8.55	8.41

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.1DEG  
 Operators: Alan Wang  
 Test Date: 25 January 2022

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity: 48.6%  
 Test Distance: 2.500m [K=1.0546]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.00V I:0.8153A P:97.450W PF:0.9960 Freq:60.00Hz Lamp Flux:14500x1 lm		
NAME: LED UFO high bay	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	7804	7802	7798	7795	7793														
5	7765	7772	7779	7788	7798														
10	7765	7777	7785	7797	7804														
15	7749	7754	7756	7761	7770														
20	7679	7682	7683	7688	7701														
25	7573	7575	7574	7569	7566														
30	7311	7287	7259	7220	7190														
35	6429	6376	6329	6279	6245														
40	4560	4581	4606	4637	4631														
45	2901	2912	2961	2993	3017														
50	1863	1871	1929	1916	1906														
55	1237	1248	1259	1273	1268														
60	806	803	830	840	836														
65	497	518	505	536	528														
70	302	305	305	321	319														
75	152	157	158	167	167														
80	66.5	69.3	69.2	73.3	73.8														
85	19.4	21.1	21.4	24.9	24.0														
90	3.93	3.84	3.73	3.66	3.65														
95	0.93	0.95	0.92	0.54	0.40														
100	0.57	0.57	0.56	0.55	0.55														
105	0.75	0.75	0.74	0.73	0.73														
110	0.94	0.94	0.92	0.91	0.90														
115	1.30	1.29	1.27	1.25	1.22														
120	1.96	1.94	1.92	1.89	1.88														
125	2.92	2.89	2.82	2.76	2.75														
130	4.03	3.95	3.81	3.72	3.68														
135	5.02	4.90	4.72	4.65	4.62														
140	5.77	5.69	5.59	5.43	5.34														
145	6.50	6.49	6.37	6.14	6.09														
150	7.16	7.12	7.09	6.83	6.84														
155	7.81	7.69	7.61	7.74	7.59														
160	8.22	8.28	8.26	8.40	8.33														
165	8.52	8.63	8.63	8.67	8.69														
170	8.63	8.69	8.47	8.56	8.75														
175	8.39	8.53	8.39	8.61	8.75														
180	8.39	7.99	8.16	8.21	8.31														

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.1DEG  
 Operators: Alan Wang  
 Test Date: 25 January 2022

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity: 48.6%  
 Test Distance: 2.500m [K=1.0546]  
 Remarks: