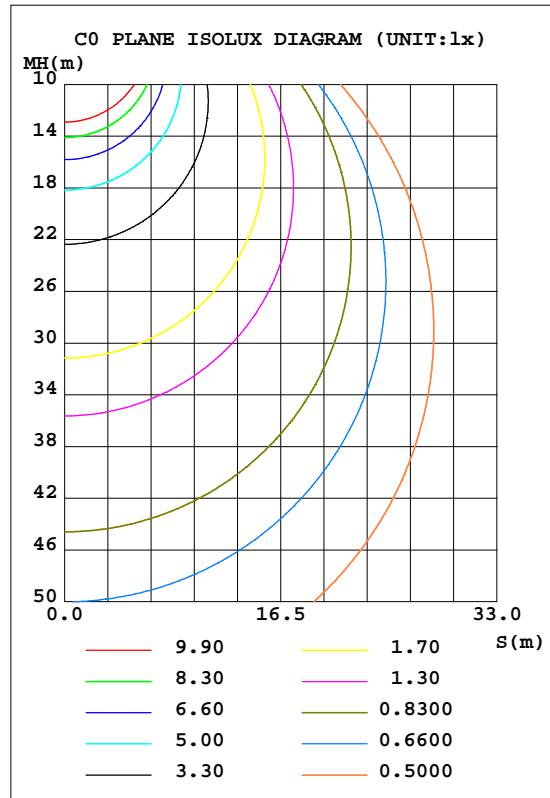
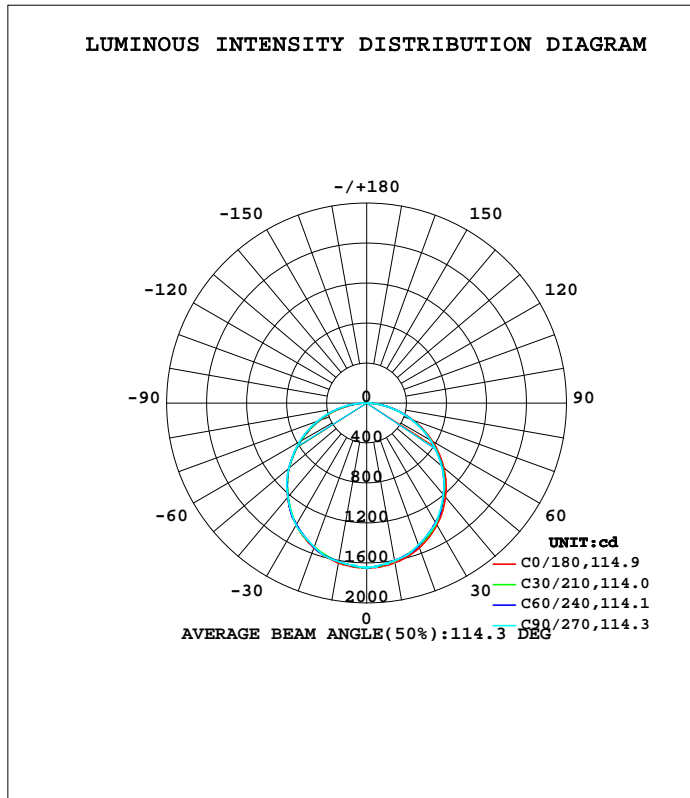


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.1V I:0.3157A P:37.83W PF:0.9848 Lamp Flux:4842.84x1 lm		
NAME: ASD Lighting corp	TYPE:LED PANEL	WEIGHT:
SPEC.: ASD-ELP05-24D40CC-PRM(3000K)	DIM.: 1213x603mm	SERIAL No.:BLD20171213A02
MFR.: ASD Lighting corp	SUR.:0.558*1.17	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 128.02 lm/W			
MODEL		I <sub>max</sub> (cd)	1651	S/MH(C0/180)	1.27
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)		TOTAL FLUX(lm)	4842.8	η UP, DN(C0-180)	0.0,49.2
NOMINAL FLUX(lm)	4842.84	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,50.8
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)		η down(%)	100.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:22DEG  
 Operators:HUA  
 Test Date:2017-12-13

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:43%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
5	1643	1629	1625	1629	1644	1633	1631	1633	0- 5	39.19	39.19	0.81,0.81
10	1622	1601	1600	1602	1624	1610	1612	1609	5- 10	115.9	155.1	3.2,3.2
15	1588	1566	1571	1567	1590	1579	1588	1578	10- 15	188.9	344.0	7.1,7.1
20	1540	1524	1512	1525	1542	1541	1533	1540	15- 20	255.9	599.9	12.4,12.4
25	1479	1456	1449	1457	1482	1476	1473	1475	20- 25	313.8	913.7	18.9,18.9
30	1407	1378	1387	1380	1410	1400	1414	1398	25- 30	361.9	1276	26.3,26.3
35	1322	1296	1291	1298	1326	1321	1321	1318	30- 35	398.6	1674	34.6,34.6
40	1227	1207	1194	1210	1231	1234	1228	1231	35- 40	421.3	2095	43.3,43.3
45	1122	1095	1096	1097	1126	1123	1133	1121	40- 45	430.8	2526	52.2,52.2
50	1007	981.7	976.9	982.7	1012	1011	1016	1009	45- 50	426.7	2953	61,61
55	885.1	866.7	855.6	866.4	890.0	896.1	897.3	894.8	50- 55	408.0	3361	69.4,69.4
60	756.5	735.5	734.4	736.0	761.4	766.2	778.3	764.3	55- 60	376.7	3738	77.2,77.2
65	622.9	605.5	602.1	606.6	627.8	638.1	648.1	635.0	60- 65	334.1	4072	84.1,84.1
70	487.1	475.1	470.2	475.6	490.9	508.2	517.7	505.2	65- 70	281.2	4353	89.9,89.9
75	352.4	343.6	340.3	342.5	355.5	375.7	386.6	374.1	70- 75	220.6	4574	94.4,94.4
80	213.3	214.7	214.4	213.7	211.5	245.7	255.5	243.6	75- 80	154.8	4728	97.6,97.6
85	73.38	96.89	94.75	94.96	71.07	117.8	124.5	115.0	80- 85	87.71	4816	99.4,99.4
90	1.233	9.077	12.62	7.689	2.068	14.18	23.66	12.52	85- 90	25.60	4842	100,100
95	0	0	0	0	0	0	0	0	90- 95	1.185	4843	100,100
100	0	0	0	0	0	0	0	0	95-100	0	4843	100,100
105	0	0	0	0	0	0	0	0	100-105	0	4843	100,100
110	0	0	0	0	0	0	0	0	105-110	0	4843	100,100
115	0	0	0	0	0	0	0	0	110-115	0	4843	100,100
120	0	0	0	0	0	0	0	0	115-120	0	4843	100,100
125	0	0	0	0	0	0	0	0	120-125	0	4843	100,100
130	0	0	0	0	0	0	0	0	125-130	0	4843	100,100
135	0	0	0	0	0	0	0	0	130-135	0	4843	100,100
140	0	0	0	0	0	0	0	0	135-140	0	4843	100,100
145	0	0	0	0	0	0	0	0	140-145	0	4843	100,100
150	0	0	0	0	0	0	0	0	145-150	0	4843	100,100
155	0	0	0	0	0	0	0	0	150-155	0	4843	100,100
160	0	0	0	0	0	0	0	0	155-160	0	4843	100,100
165	0	0	0	0	0	0	0	0	160-165	0	4843	100,100
170	0	0	0	0	0	0	0	0	165-170	0	4843	100,100
175	0	0	0	0	0	0	0	0	170-175	0	4843	100,100
180	0	0	0	0	0	0	0	0	175-180	0	4843	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 2526.3 lm

%lum = 52.2%  
%lamp = 52.2%

Conical surface Flux(120deg): 3737.6 lm

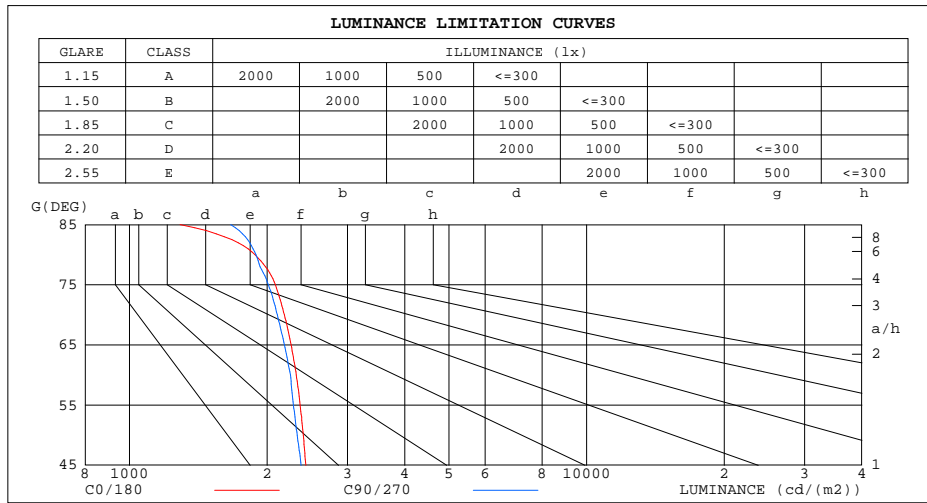
%lum = 77.2%  
%lamp = 77.2%

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:22DEG  
Operators:HUA  
Test Date:2017-12-13

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
Humidity:43%  
Test Distance:12.218m [K=1.0000]  
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.1V I:0.3157A P:37.83W PF:0.9848 Lamp Flux:4842.84x1 lm		
NAME: ASD Lighting corp	TYPE:LED PANEL	WEIGHT:
SPEC.: ASD-ELP05-24D40CC-PRM(3000K)	DIM.: 1213x603mm	SERIAL No.:BLD20171213A02
MFR.: ASD Lighting corp	SUR.:0.558*1.17	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1290	1665
80	1881	1891
75	2086	2014
70	2182	2106
65	2258	2182
60	2318	2250
55	2364	2285
50	2401	2328
45	2431	2374

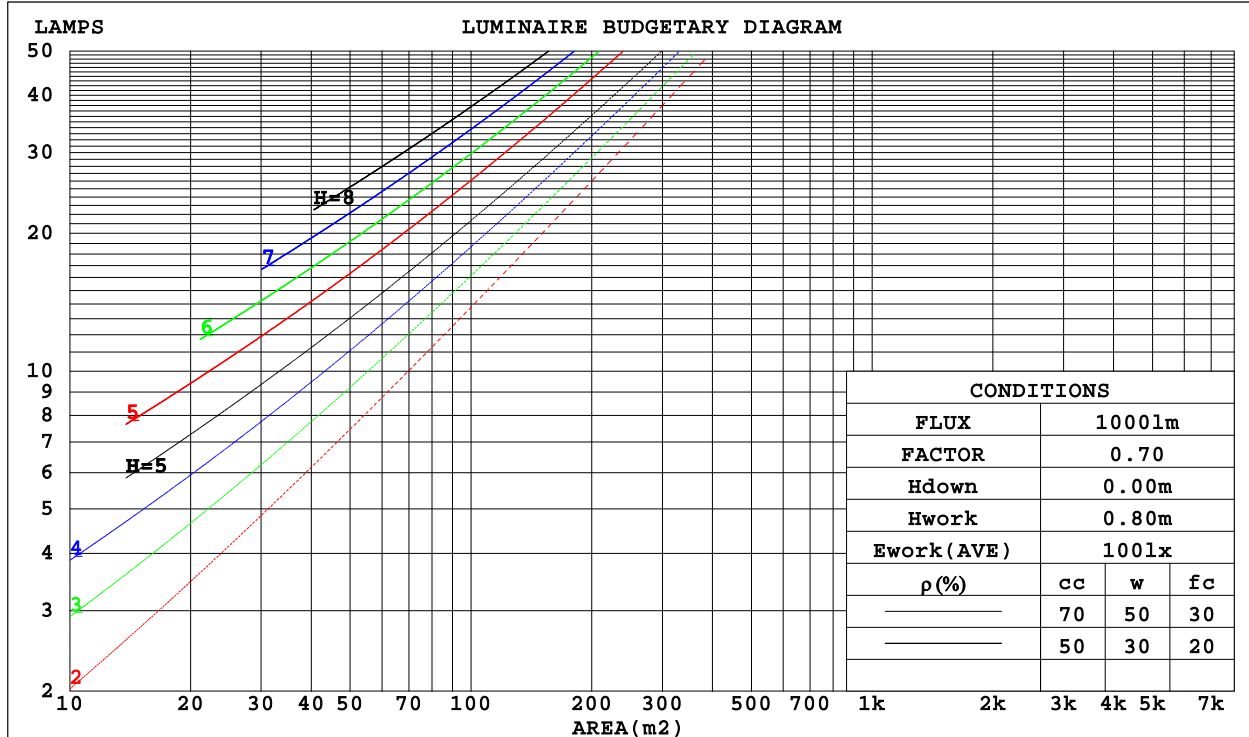
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:22DEG  
 Operators:HUA  
 Test Date:2017-12-13

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:43%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.1V I:0.3157A P:37.83W PF:0.9848 Lamp Flux:4842.84x1 lm		
NAME: ASD Lighting corp	TYPE:LED PANEL	WEIGHT:
SPEC.: ASD-ELP05-24D40CC-PRM(3000K)	DIM.: 1213x603mm	SERIAL No.:BLD20171213A02
MFR.: ASD Lighting corp	SUR.:0.558*1.17	Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	1.03	.99	.95	1.01	.97	.93	.97	.93	.90	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.77	.88	.81	.76	.84	.79	.74	.81	.76	.72	.78	.74	.71	.69
3.0	.79	.70	.63	.77	.69	.63	.74	.67	.62	.71	.65	.61	.69	.64	.60	.57
4.0	.69	.60	.54	.68	.60	.53	.66	.58	.52	.63	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.46	.61	.52	.46	.59	.51	.45	.57	.50	.45	.55	.49	.44	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.40	.51	.44	.39	.50	.44	.39	.37
7.0	.50	.42	.35	.50	.41	.35	.48	.40	.35	.47	.40	.35	.45	.39	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.44	.36	.31	.43	.36	.31	.42	.35	.31	.29
9.0	.42	.34	.28	.42	.34	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.25	.36	.30	.25	.36	.30	.25	.23



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:22DEG  
 Operators:HUA  
 Test Date:2017-12-13

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:43%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:120.1V I:0.3157A P:37.83W PF:0.9848 Lamp Flux:4842.84x1 lm		
NAME: ASD Lighting corp	TYPE:LED PANEL	WEIGHT:
SPEC.: ASD-ELP05-24D40CC-PRM(3000K)	DIM.: 1213x603mm	SERIAL No.:BLD20171213A02
MFR.: ASD Lighting corp	SUR.:0.558*1.17	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	.320	.182	.058	.313	.178	.057	.299	.172	.055	.287	.166	.053	.276	.160	.052	
2.0	.299	.164	.050	.292	.161	.050	.281	.156	.048	.270	.151	.047	.260	.147	.046	
3.0	.275	.146	.044	.270	.144	.043	.259	.140	.043	.249	.137	.042	.241	.133	.041	
4.0	.253	.132	.039	.248	.130	.038	.239	.127	.038	.230	.124	.037	.222	.121	.037	
5.0	.233	.119	.034	.229	.118	.034	.221	.115	.034	.213	.113	.033	.206	.110	.033	
6.0	.216	.108	.031	.212	.107	.031	.205	.105	.031	.198	.103	.030	.192	.101	.030	
7.0	.201	.099	.028	.197	.098	.028	.191	.096	.028	.185	.095	.028	.179	.093	.027	
8.0	.187	.092	.026	.184	.091	.026	.178	.089	.025	.173	.088	.025	.168	.086	.025	
9.0	.175	.085	.024	.173	.084	.024	.167	.083	.023	.162	.081	.023	.158	.080	.023	
10.0	.165	.079	.022	.162	.078	.022	.158	.077	.022	.153	.076	.022	.149	.075	.021	

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	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.181	.156	.134	.155	.134	.115	.106	.092	.080	.061	.053	.046	.020	.017	.015	
2.0	.173	.132	.097	.148	.114	.084	.102	.079	.059	.059	.046	.034	.019	.015	.011	
3.0	.166	.115	.074	.142	.099	.064	.098	.069	.045	.056	.040	.026	.018	.013	.009	
4.0	.158	.101	.058	.136	.088	.050	.093	.061	.035	.054	.036	.021	.017	.012	.007	
5.0	.151	.091	.047	.129	.079	.041	.089	.055	.029	.052	.032	.017	.017	.011	.006	
6.0	.143	.083	.039	.123	.071	.034	.085	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.136	.076	.033	.117	.066	.029	.081	.046	.020	.047	.027	.012	.015	.009	.004	
8.0	.130	.070	.029	.112	.061	.025	.077	.043	.018	.045	.025	.011	.015	.008	.003	
9.0	.124	.065	.025	.107	.056	.022	.074	.040	.016	.043	.023	.009	.014	.008	.003	
10.0	.118	.061	.022	.102	.053	.020	.071	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:22DEG  
 Operators:HUA  
 Test Date:2017-12-13

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:43%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.1V I:0.3157A P:37.83W PF:0.9848 Lamp Flux:4842.84x1 lm										
NAME: ASD Lighting corp					TYPE:LED PANEL			WEIGHT:		
SPEC.: ASD-ELP05-24D40CC-PRM(3000K)					DIM.: 1213x603mm			SERIAL No.:BLD20171213A02		
MFR.: ASD Lighting corp					SUR.:0.558*1.17			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	15.8	17.3	16.1	17.5	17.7	15.7	17.2	16.0	17.4	17.6
3H	17.4	18.8	17.7	19.1	19.3	17.3	18.7	17.6	19.0	19.2
4H	18.0	19.4	18.3	19.6	19.9	18.0	19.3	18.3	19.6	19.8
6H	18.5	19.7	18.8	20.0	20.3	18.5	19.7	18.8	20.0	20.3
8H	18.6	19.8	18.9	20.1	20.4	18.6	19.9	19.0	20.2	20.5
12H	18.6	19.8	19.0	20.1	20.4	18.7	19.9	19.1	20.2	20.5
4H 2H	16.4	17.8	16.7	18.0	18.3	16.3	17.7	16.7	17.9	18.2
3H	18.2	19.4	18.6	19.7	20.0	18.1	19.3	18.5	19.6	19.9
4H	19.0	20.1	19.3	20.4	20.7	18.9	20.0	19.3	20.3	20.7
6H	19.5	20.5	19.9	20.8	21.2	19.6	20.5	20.0	20.9	21.3
8H	19.7	20.6	20.1	21.0	21.3	19.8	20.7	20.2	21.1	21.5
12H	19.8	20.6	20.2	21.0	21.4	20.0	20.8	20.4	21.2	21.6
8H 4H	19.3	20.2	19.7	20.5	20.9	19.2	20.1	19.6	20.5	20.9
6H	20.0	20.7	20.4	21.1	21.6	20.0	20.8	20.5	21.2	21.6
8H	20.2	20.9	20.7	21.3	21.8	20.4	21.0	20.8	21.5	21.9
12H	20.4	21.0	20.9	21.4	21.9	20.6	21.2	21.1	21.6	22.1
12H 4H	19.3	20.1	19.7	20.5	20.9	19.2	20.1	19.7	20.5	20.9
6H	20.1	20.7	20.5	21.2	21.6	20.1	20.8	20.6	21.2	21.7
8H	20.4	20.9	20.8	21.4	21.9	20.5	21.1	21.0	21.5	22.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H	+ 0.1 / - 0.2					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.1 / - 0.3				

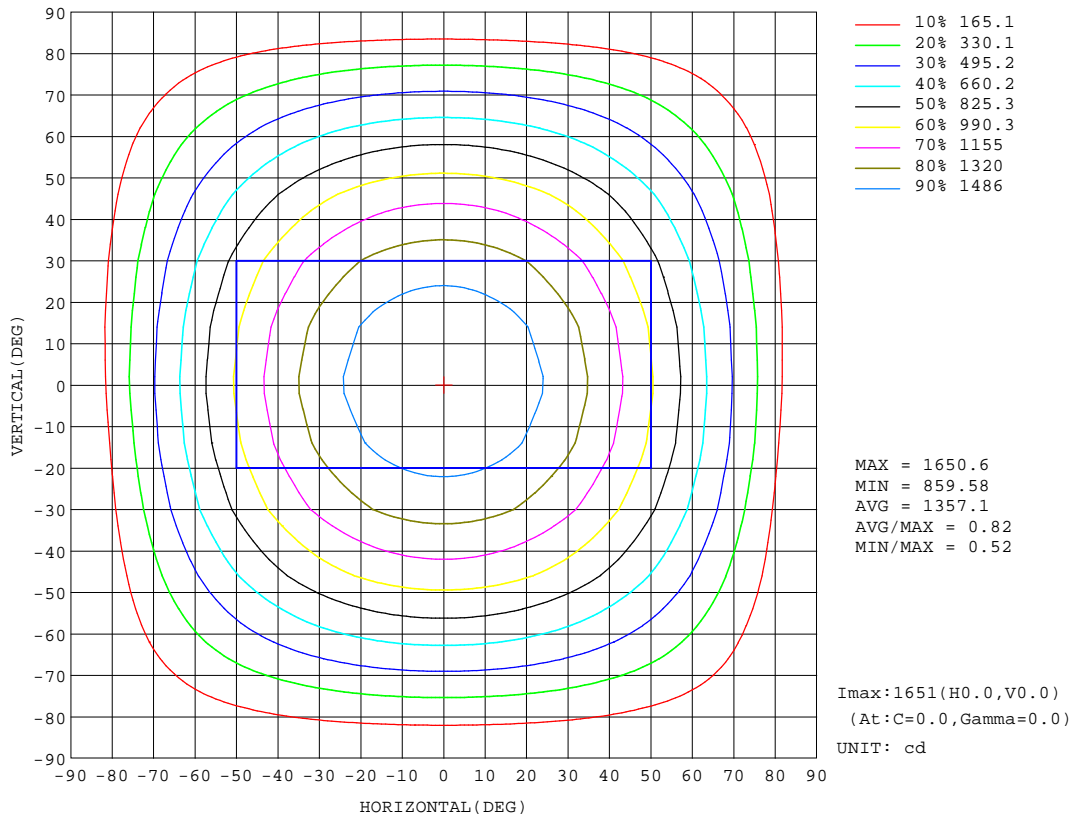
CIE Pub.117 Corrected 4843 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.5)

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:22DEG  
 Operators:HUA  
 Test Date:2017-12-13

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:43%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.1V I:0.3157A P:37.83W PF:0.9848 Lamp Flux:4842.84x1 lm		
NAME: ASD Lighting corp	TYPE:LED PANEL	WEIGHT:
SPEC.: ASD-ELP05-24D40CC-PRM(3000K)	DIM.: 1213x603mm	SERIAL No.:BLD20171213A02
MFR.: ASD Lighting corp	SUR.:0.558*1.17	Shielding Angle:



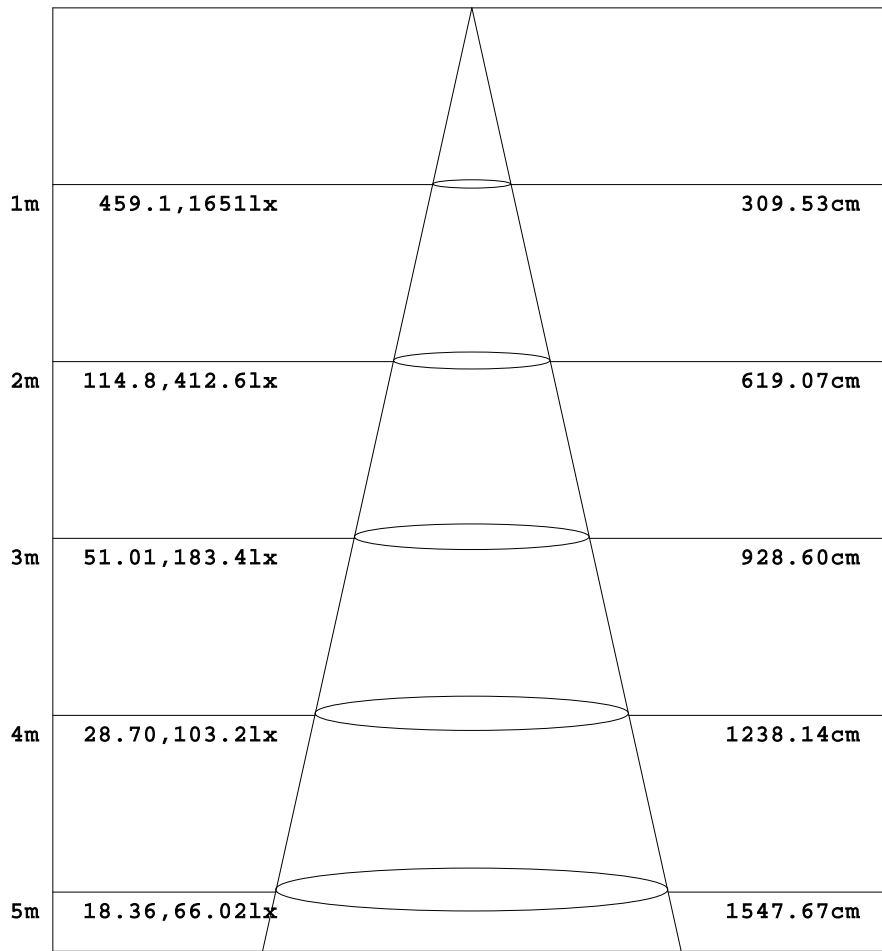
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:22DEG  
 Operators:HUA  
 Test Date:2017-12-13

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:43%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

AAI Figure

Test:U:120.1V I:0.3157A P:37.83W PF:0.9848 Lamp Flux:4842.84x1 lm		
NAME: ASD Lighting corp	TYPE:LED PANEL	WEIGHT:
SPEC.: ASD-ELP05-24D40CC-PRM(3000K)	DIM.: 1213x603mm	SERIAL No.:BLD20171213A02
MFR.: ASD Lighting corp	SUR.:0.558*1.17	Shielding Angle:

Flux out:3554 lm



Height                      Eavg, Emax                      Angle:114.26deg                      Diameter

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

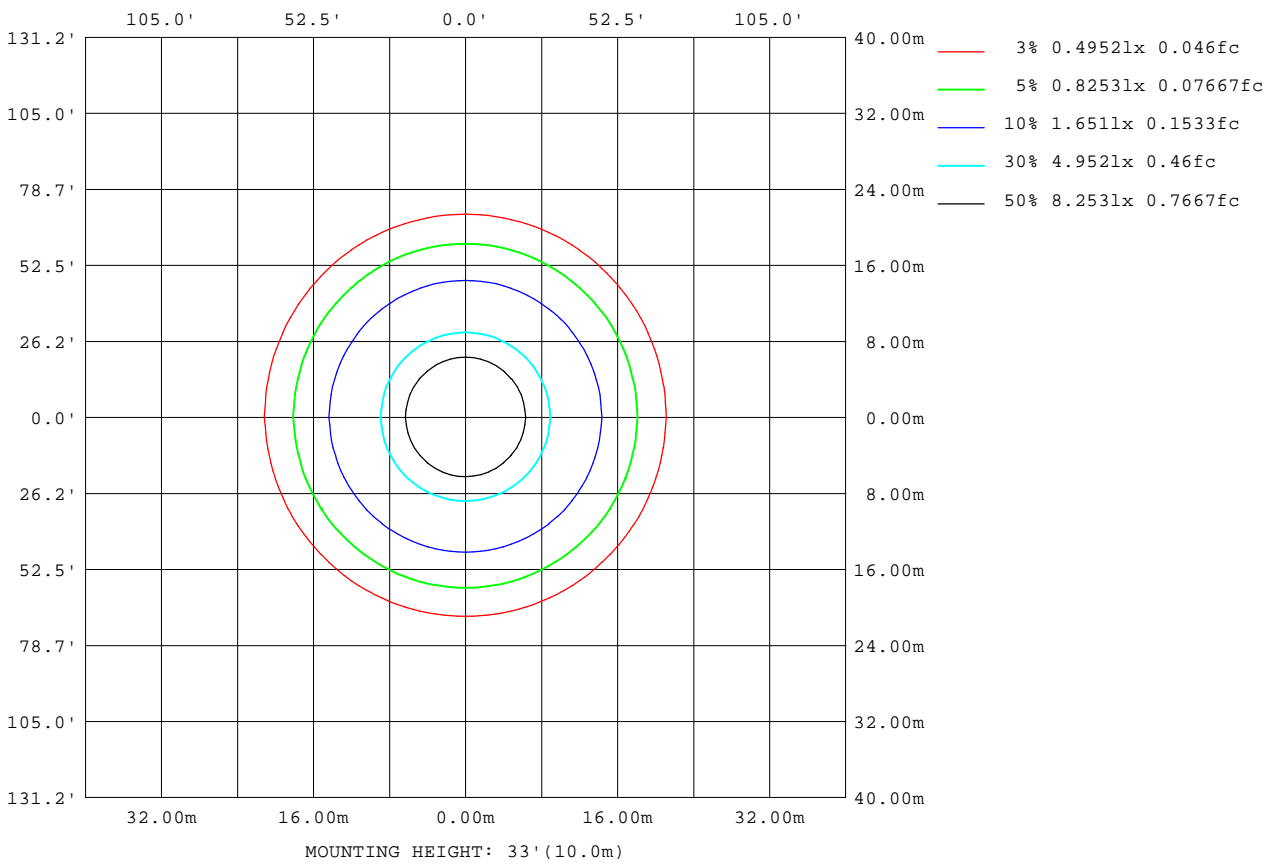
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:22DEG  
 Operators:HUA  
 Test Date:2017-12-13

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:43%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:



ISOLUX DIAGRAM

Test:U:120.1V I:0.3157A P:37.83W PF:0.9848 Lamp Flux:4842.84x1 lm		
NAME: ASD Lighting corp	TYPE:LED PANEL	WEIGHT:
SPEC.: ASD-ELP05-24D40CC-PRM(3000K)	DIM.: 1213x603mm	SERIAL No.:BLD20171213A02
MFR.: ASD Lighting corp	SUR.:0.558*1.17	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:22DEG  
 Operators:HUA  
 Test Date:2017-12-13

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:43%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

## LED Avg.L Report

Test:U:120.1V I:0.3157A P:37.83W PF:0.9848 Lamp Flux:4842.84x1 lm		
NAME: ASD Lighting corp	TYPE:LED PANEL	WEIGHT:
SPEC.: ASD-ELP05-24D40CC-PRM(3000K)	DIM.: 1213x603mm	SERIAL No.:BLD20171213A02
MFR.: ASD Lighting corp	SUR.:0.558*1.17	Shielding Angle:

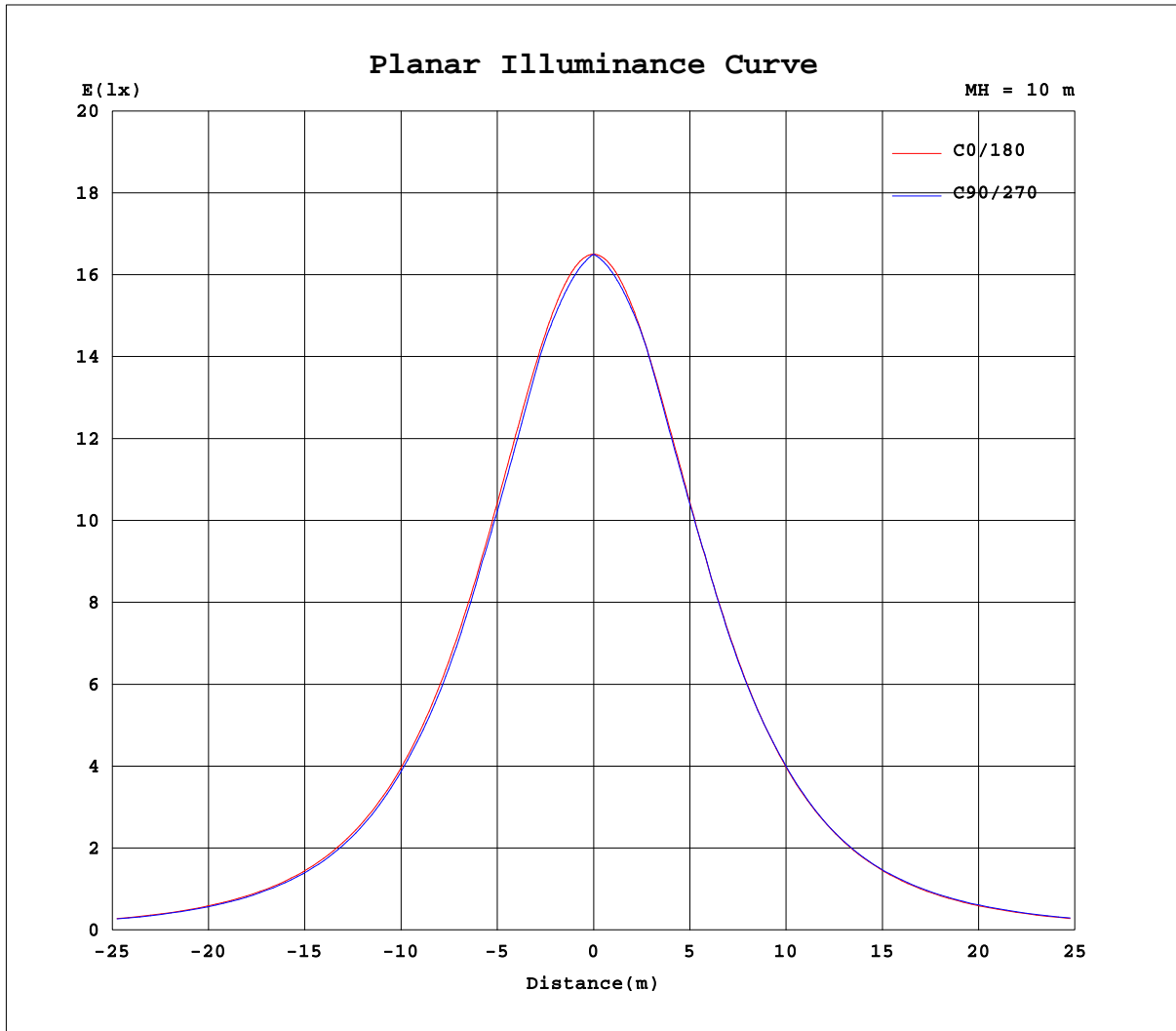
AvgL	cd/m2
L_0~180(65)av	2267
L_0~180(75)av	2095
L_0~180(85)av	1269
L_90~270(65)av	2266
L_90~270(75)av	2151
L_90~270(85)av	1927
L_45(65)av	2252
L_45(75)av	2125
L_45(85)av	1866

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:22DEG  
 Operators:HUA  
 Test Date:2017-12-13

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:43%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 22DEG  
 Operators: HUA  
 Test Date: 2017-12-13

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity: 43%  
 Test Distance: 12.218m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.1V I:0.3157A P:37.83W PF:0.9848 Lamp Flux:4842.84x1 lm		
NAME: ASD Lighting corp	TYPE:LED PANEL	WEIGHT:
SPEC.: ASD-ELP05-24D40CC-PRM(3000K)	DIM.: 1213x603mm	SERIAL No.:BLD20171213A02
MFR.: ASD Lighting corp	SUR.:0.558*1.17	Shielding Angle:

Table--1

UNIT: cd

C( DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651
5	1643	1641	1639	1637	1635	1634	1632	1631	1630	1629	1628	1627	1627	1626	1626	1625	1625	1625	1625
10	1622	1618	1615	1611	1608	1606	1604	1603	1601	1601	1600	1600	1600	1599	1599	1599	1600	1600	1600
15	1588	1582	1577	1573	1570	1567	1566	1566	1566	1566	1567	1568	1569	1571	1571	1571	1571	1571	1571
20	1540	1533	1527	1522	1520	1519	1519	1520	1523	1524	1523	1521	1518	1516	1514	1513	1512	1512	1512
25	1479	1470	1464	1460	1459	1460	1463	1464	1461	1456	1453	1451	1450	1449	1449	1449	1449	1449	1449
30	1407	1396	1390	1387	1388	1392	1391	1385	1380	1378	1377	1378	1379	1381	1383	1384	1386	1386	1387
35	1322	1311	1305	1304	1308	1307	1299	1296	1295	1296	1299	1303	1299	1296	1294	1292	1291	1291	1291
40	1227	1215	1210	1212	1214	1206	1202	1202	1206	1207	1202	1198	1196	1195	1194	1194	1194	1194	1194
45	1122	1110	1107	1111	1104	1099	1100	1105	1099	1095	1093	1092	1093	1094	1095	1096	1096	1096	1096
50	1007	995	995	995	988	989	991	985	982	982	984	985	985	982	980	978	978	977	977
55	885	874	877	870	868	871	865	863	865	867	864	860	858	857	856	856	856	856	856
60	756	747	748	742	745	739	739	742	739	736	734	733	733	733	733	733	734	734	734
65	623	616	613	614	609	611	611	607	606	605	606	606	605	604	603	603	602	602	602
70	487	483	475	473	473	474	474	475	476	475	474	473	472	472	471	471	471	470	470
75	352	340	329	329	332	336	340	343	344	344	343	342	342	342	341	341	340	340	340
80	213	187	188	193	201	207	212	214	215	215	214	213	214	214	214	214	214	214	214
85	73.4	67.9	74.1	81.2	86.7	89.8	93.2	95.3	96.4	96.9	96.8	96.4	96.1	95.7	95.2	95.0	94.8	94.7	94.7
90	1.23	3.31	3.74	4.36	5.19	6.11	6.97	7.73	8.43	9.08	9.72	10.3	10.8	11.2	11.7	12.0	12.4	12.5	12.6
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:22DEG  
 Operators:HUA  
 Test Date:2017-12-13

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:43%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.1V I:0.3157A P:37.83W PF:0.9848 Lamp Flux:4842.84x1 lm		
NAME: ASD Lighting corp	TYPE:LED PANEL	WEIGHT:
SPEC.: ASD-ELP05-24D40CC-PRM(3000K)	DIM.: 1213x603mm	SERIAL No.:BLD20171213A02
MFR.: ASD Lighting corp	SUR.:0.558*1.17	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651
5	1625	1625	1626	1626	1626	1627	1628	1628	1629	1631	1632	1633	1635	1636	1638	1640	1642	1644	1642
10	1600	1600	1600	1600	1600	1600	1600	1601	1602	1602	1604	1605	1607	1610	1612	1616	1619	1624	1620
15	1571	1571	1571	1572	1571	1570	1569	1568	1567	1567	1567	1567	1569	1571	1574	1579	1584	1590	1585
20	1512	1513	1514	1515	1516	1519	1522	1524	1525	1523	1521	1520	1520	1521	1524	1528	1535	1542	1537
25	1449	1450	1449	1450	1450	1451	1452	1454	1457	1462	1465	1464	1461	1461	1462	1466	1473	1482	1475
30	1387	1386	1385	1383	1382	1381	1379	1379	1380	1382	1386	1393	1394	1390	1389	1392	1399	1410	1402
35	1291	1292	1293	1295	1297	1301	1305	1301	1298	1297	1298	1301	1308	1310	1307	1308	1314	1326	1318
40	1194	1194	1194	1195	1196	1197	1200	1204	1210	1208	1205	1204	1208	1216	1214	1213	1219	1231	1222
45	1096	1096	1096	1095	1094	1093	1093	1094	1097	1102	1109	1103	1101	1106	1112	1109	1113	1126	1117
50	977	978	978	980	982	985	985	984	983	983	987	995	991	990	996	997	999	1012	1003
55	856	856	856	857	857	859	861	864	866	865	864	867	874	871	872	879	877	890	882
60	734	734	734	734	733	733	734	734	736	739	742	740	741	749	745	750	749	761	754
65	602	603	603	604	605	606	608	607	607	606	608	611	610	609	615	613	618	628	622
70	470	470	471	471	472	472	473	475	476	477	476	473	471	470	468	471	481	491	489
75	340	341	341	341	342	342	342	342	343	343	342	340	335	329	325	324	332	355	353
80	214	214	214	214	214	214	213	214	214	213	212	209	205	199	191	182	182	212	220
85	94.7	94.5	94.4	94.4	94.5	94.6	94.8	95.1	95.0	94.4	93.3	91.3	87.8	84.2	77.8	70.4	61.8	71.1	90.8
90	12.5	12.1	11.6	11.0	10.3	9.66	9.02	8.36	7.69	7.02	6.37	5.62	4.80	3.97	3.35	2.85	2.72	2.07	1.49
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:22DEG  
 Operators:HUA  
 Test Date:2017-12-13

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:43%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.1V I:0.3157A P:37.83W PF:0.9848 Lamp Flux:4842.84x1 lm		
NAME: ASD Lighting corp	TYPE:LED PANEL	WEIGHT:
SPEC.: ASD-ELP05-24D40CC-PRM(3000K)	DIM.: 1213x603mm	SERIAL No.:BLD20171213A02
MFR.: ASD Lighting corp	SUR.:0.558*1.17	Shielding Angle:

Table--3

UNIT: cd

C( DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651
5	1641	1639	1638	1637	1636	1635	1634	1633	1633	1632	1632	1632	1631	1631	1631	1631	1631	1631	1631
10	1618	1615	1613	1612	1611	1610	1610	1610	1610	1610	1610	1611	1611	1611	1611	1612	1612	1611	1611
15	1582	1579	1577	1576	1576	1577	1578	1579	1581	1583	1585	1587	1588	1588	1588	1588	1588	1588	1588
20	1533	1530	1529	1530	1532	1535	1538	1541	1541	1540	1538	1536	1535	1534	1533	1533	1533	1533	1533
25	1471	1470	1470	1473	1478	1481	1480	1476	1474	1473	1472	1472	1473	1473	1473	1473	1473	1473	1473
30	1398	1398	1402	1408	1409	1404	1401	1400	1401	1403	1405	1407	1409	1412	1413	1414	1414	1414	1412
35	1315	1316	1323	1324	1319	1317	1318	1321	1325	1330	1328	1325	1323	1322	1322	1321	1321	1321	1321
40	1220	1225	1230	1224	1223	1226	1231	1234	1230	1228	1227	1227	1227	1227	1228	1228	1228	1228	1227
45	1117	1125	1120	1118	1122	1130	1126	1123	1122	1123	1125	1128	1130	1132	1132	1133	1133	1132	1132
50	1006	1009	1005	1009	1015	1010	1009	1011	1014	1018	1019	1018	1017	1017	1016	1016	1016	1016	1016
55	888	884	886	892	888	888	892	896	896	895	895	895	896	897	897	897	897	897	896
60	759	757	764	759	762	767	767	766	768	769	771	773	775	776	777	778	778	778	777
65	623	629	627	630	633	633	635	638	641	644	645	646	647	647	648	648	648	648	647
70	489	491	494	496	498	502	506	508	510	512	513	514	516	517	517	518	518	518	517
75	356	358	359	364	367	370	373	376	378	380	382	384	385	386	386	387	387	386	386
80	222	223	227	230	235	239	243	246	248	251	252	254	255	255	255	256	256	255	255
85	91.0	94.1	101	106	110	113	116	118	119	121	122	123	123	124	124	125	125	124	123
90	1.51	2.11	3.89	5.80	7.92	10.0	12.2	14.2	16.1	17.7	19.1	20.3	21.4	22.4	23.2	23.7	23.7	23.2	22.6
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:22DEG  
 Operators:HUA  
 Test Date:2017-12-13

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:43%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.1V I:0.3157A P:37.83W PF:0.9848 Lamp Flux:4842.84x1 lm		
NAME: ASD Lighting corp	TYPE:LED PANEL	WEIGHT:
SPEC.: ASD-ELP05-24D40CC-PRM(3000K)	DIM.: 1213x603mm	SERIAL No.:BLD20171213A02
MFR.: ASD Lighting corp	SUR.:0.558*1.17	Shielding Angle:

Table--4

UNIT: cd

C( DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651	1651				
5	1631	1631	1631	1632	1632	1632	1633	1634	1634	1635	1636	1637	1639	1640	1642				
10	1611	1610	1610	1610	1609	1609	1609	1609	1609	1610	1611	1612	1614	1616	1619				
15	1588	1588	1586	1585	1582	1580	1578	1577	1575	1575	1575	1575	1577	1580	1583				
20	1533	1534	1535	1537	1539	1540	1540	1537	1533	1530	1528	1527	1528	1531	1535				
25	1472	1472	1471	1471	1471	1473	1475	1478	1479	1476	1471	1468	1467	1469	1473				
30	1411	1408	1406	1403	1401	1399	1398	1399	1402	1407	1406	1399	1396	1396	1399				
35	1322	1322	1324	1326	1328	1323	1318	1315	1315	1317	1322	1321	1314	1312	1314				
40	1227	1226	1225	1225	1226	1227	1231	1228	1223	1220	1222	1228	1223	1218	1219				
45	1132	1129	1127	1124	1122	1120	1121	1122	1127	1119	1116	1118	1122	1114	1114				
50	1016	1017	1017	1018	1017	1013	1009	1007	1007	1011	1005	1002	1006	1003	999				
55	896	895	894	893	893	894	895	891	886	884	888	882	881	886	878				
60	775	774	771	769	767	765	764	765	765	759	756	759	753	757	751				
65	646	646	644	643	642	638	635	632	630	631	627	623	625	620	620				
70	516	515	513	512	510	508	505	503	499	495	495	492	488	486	487				
75	385	384	382	381	379	377	374	371	368	364	361	357	357	353	352				
80	254	253	252	250	248	246	244	241	237	233	228	224	221	220	217				
85	122	121	121	120	118	117	115	113	110	107	104	99.3	93.1	89.7	89.8				
90	21.5	20.4	19.2	17.9	16.3	14.4	12.5	10.5	8.54	6.56	4.76	3.02	1.49	1.47	1.47				
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:22DEG  
 Operators:HUA  
 Test Date:2017-12-13

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:43%  
 Test Distance:12.218m [K=1.0000]  
 Remarks: