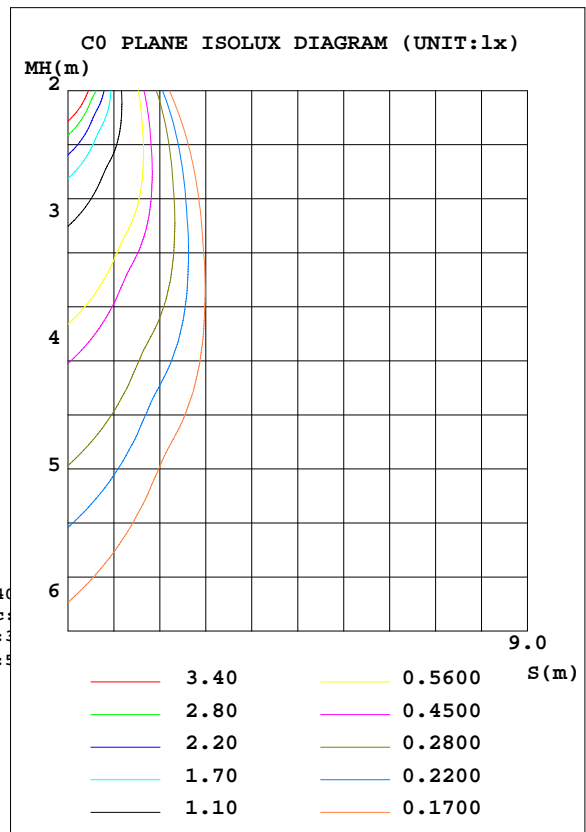
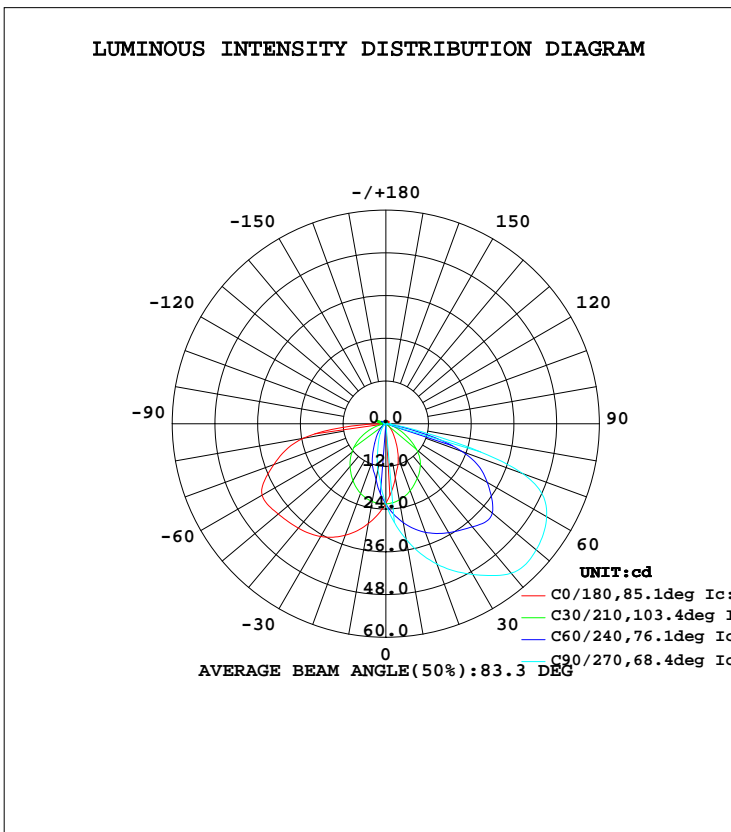


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.9V I:0.0269A P:3.035W PF:0.9403 Lamp Flux:111.54lx1 lm		
NAME: ASD-LSTL-H01W-N340-PC-XX	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 36.76 lm/W			
MODEL	ASD-LSTL-H01W-N340-PC-XX	I _{max} (cd)	62.45	S/MH(C0/180)	2.29
NOMINAL POWER(W)	3	LOR(%)	100.0	S/MH(C90/270)	0.41
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	111.54	η UP, DN(C0-180)	1.2,78.2
NOMINAL FLUX(lm)	111.541	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.8,18.8
LAMPS INSIDE	1	η up(%)	3.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)		η down(%)	97.0	CIBSE SHR MAX	1.30



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators: Test
 Date:2019-11-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	15.38	25.03	33.03	34.22	28.47	18.93	13.14	12.02	0- 10	2.135	2.135	1.91,1.91
20	10.24	26.35	41.94	44.77	33.33	14.53	6.381	5.457	10- 20	6.437	8.573	7.69,7.69
30	5.400	26.67	48.90	52.96	36.57	11.09	3.268	2.636	20- 30	10.72	19.29	17.3,17.3
40	2.760	27.06	54.79	59.72	38.28	7.075	1.689	1.453	30- 40	14.92	34.21	30.7,30.7
50	1.272	26.05	55.14	61.86	39.46	3.792	0.9391	0.8168	40- 50	18.56	52.77	47.3,47.3
60	0.6552	18.98	52.15	59.52	40.16	1.904	0.5736	0.5586	50- 60	20.38	73.15	65.6,65.6
70	0.4045	11.43	40.85	53.12	33.45	0.9094	0.4198	0.4660	60- 70	19.74	92.89	83.3,83.3
80	0.3543	1.017	4.990	15.57	23.51	0.4547	0.4314	0.4584	70- 80	12.54	105.4	94.5,94.5
90	0.5468	0.2812	0.8264	1.112	2.363	0.3505	0.4816	0.5390	80- 90	2.752	108.2	97,97
100	0.7393	0.3235	0.3697	0.3274	0.4694	0.7698	0.6973	0.6662	90-100	0.6453	108.8	97.6,97.6
110	0.6305	0.3428	0.3197	0.3351	0.3582	0.4724	0.4814	0.7201	100-110	0.5456	109.4	98.1,98.1
120	1.040	0.3466	0.3081	0.3004	0.3891	1.630	0.8789	0.6163	110-120	0.6080	110.0	98.6,98.6
130	0.8291	0.3659	0.3081	0.2965	0.3736	0.4276	0.9198	0.5393	120-130	0.5407	110.5	99.1,99.1
140	0.7842	0.4044	0.2927	0.2850	0.4082	0.4236	0.5507	0.5237	130-140	0.3448	110.9	99.4,99.4
150	0.7962	0.4083	0.3041	0.2927	0.4198	0.4467	0.5969	0.5007	140-150	0.3011	111.2	99.7,99.7
160	0.5773	0.4813	0.3274	0.3081	0.4198	0.4699	0.5276	0.4737	150-160	0.2015	111.4	99.8,99.8
170	0.5318	0.4429	0.3543	0.3389	0.4467	0.5048	0.4699	0.4662	160-170	0.1293	111.5	100,100
180	0.4776	0.4622	0.4236	0.3736	0.4737	0.4622	0.4236	0.3736	170-180	0.0401	111.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

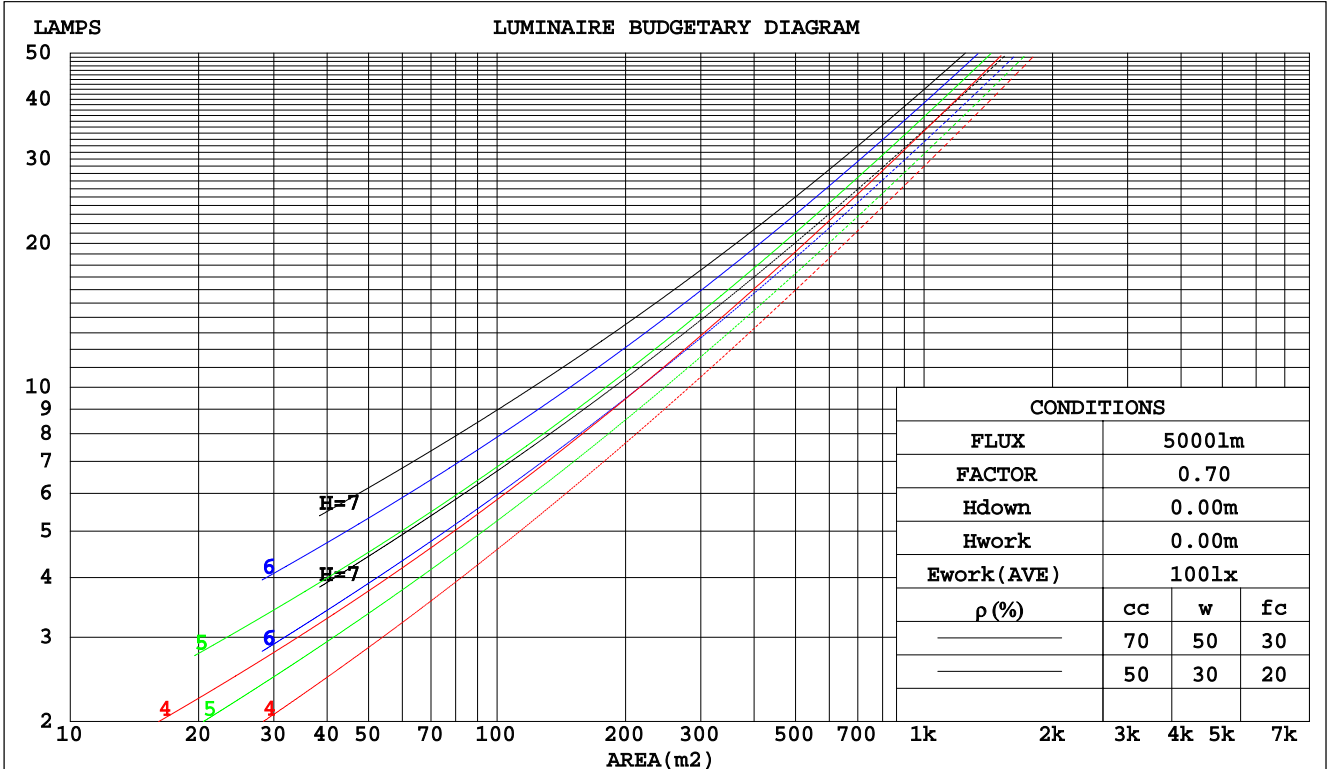
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Test Date:
2019-11-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:7.500m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.9V I:0.0269A P:3.035W PF:0.9403 Lamp Flux:111.541x1 lm		
NAME: ASD-LSTL-H01W-N340-PC-XX	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.01	.96	.91	.98	.93	.89	.93	.89	.86	.89	.86	.83	.84	.82	.80	.77
2.0	.85	.77	.71	.83	.76	.70	.79	.73	.68	.75	.70	.66	.72	.67	.64	.61
3.0	.73	.64	.57	.71	.63	.56	.68	.60	.54	.65	.58	.53	.61	.56	.52	.49
4.0	.64	.54	.46	.62	.53	.46	.59	.51	.45	.56	.49	.44	.54	.48	.43	.40
5.0	.56	.46	.39	.55	.45	.38	.52	.44	.37	.50	.42	.37	.47	.41	.36	.34
6.0	.50	.40	.33	.49	.39	.33	.46	.38	.32	.44	.37	.31	.42	.36	.31	.29
7.0	.45	.35	.28	.44	.35	.28	.42	.34	.28	.40	.33	.27	.38	.32	.27	.25
8.0	.40	.31	.25	.39	.31	.25	.38	.30	.24	.36	.29	.24	.35	.28	.23	.21
9.0	.37	.28	.22	.36	.28	.22	.34	.27	.21	.33	.26	.21	.32	.26	.21	.19
10.0	.34	.25	.20	.33	.25	.19	.32	.24	.19	.31	.24	.19	.29	.23	.19	.17



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Test Date:
 2019-11-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:119.9V I:0.0269A P:3.035W PF:0.9403 Lamp Flux:111.541x1 lm		
NAME: ASD-LSTL-H01W-N340-PC-XX	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	PROTECTION 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	.359	.204	.065	.351	.200	.064	.335	.192	.061	.321	.185	.059	.308	.179	.058	
2.0	.334	.183	.056	.327	.180	.055	.313	.174	.054	.300	.168	.053	.289	.163	.051	
3.0	.305	.162	.049	.298	.160	.048	.286	.155	.047	.275	.151	.046	.264	.146	.045	
4.0	.278	.144	.042	.272	.142	.042	.261	.138	.041	.251	.135	.041	.241	.131	.040	
5.0	.254	.129	.037	.249	.128	.037	.239	.124	.037	.230	.121	.036	.221	.118	.036	
6.0	.233	.117	.033	.228	.115	.033	.220	.113	.033	.211	.110	.032	.204	.107	.032	
7.0	.215	.106	.030	.211	.105	.030	.203	.103	.030	.196	.100	.029	.189	.098	.029	
8.0	.199	.097	.027	.196	.096	.027	.189	.094	.027	.182	.092	.027	.176	.090	.026	
9.0	.186	.090	.025	.182	.089	.025	.176	.087	.025	.170	.085	.024	.164	.083	.024	
10.0	.174	.083	.023	.171	.082	.023	.165	.081	.023	.159	.079	.022	.154	.078	.022	

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	.213	.213	.213	.182	.182	.182	.124	.124	.124	.072	.072	.072	.023	.023	.023	
1.0	.207	.179	.154	.177	.153	.132	.121	.106	.091	.070	.061	.053	.022	.020	.017	
2.0	.201	.155	.116	.172	.133	.100	.118	.092	.070	.068	.054	.041	.022	.017	.013	
3.0	.195	.138	.093	.167	.119	.080	.115	.083	.056	.066	.048	.033	.021	.016	.011	
4.0	.187	.125	.078	.161	.108	.067	.111	.075	.047	.064	.044	.028	.021	.014	.009	
5.0	.180	.115	.067	.155	.100	.059	.106	.070	.041	.062	.041	.025	.020	.013	.008	
6.0	.172	.107	.060	.148	.093	.052	.102	.065	.037	.059	.038	.022	.019	.012	.007	
7.0	.165	.100	.055	.142	.087	.048	.098	.061	.034	.057	.036	.020	.018	.012	.007	
8.0	.158	.095	.051	.136	.082	.044	.094	.058	.031	.055	.034	.019	.018	.011	.006	
9.0	.152	.090	.048	.131	.078	.042	.091	.055	.029	.053	.032	.018	.017	.011	.006	
10.0	.146	.085	.045	.126	.074	.039	.087	.052	.028	.051	.031	.017	.016	.010	.006	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Test Date:
 2019-11-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.9V I:0.0269A P:3.035W PF:0.9403 Lamp Flux:111.54lx1 lm										
NAME: ASD-LSTL-H01W-N340-PC-XX					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: ASD Lighting Corp					SUR.:			PROTECTION 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	2.4	4.1	2.8	4.4	4.6	14.8	16.4	15.1	16.7	17.0
3H	2.3	3.8	2.6	4.1	4.4	17.5	19.0	17.9	19.3	19.7
4H	2.2	3.6	2.5	3.9	4.3	18.2	19.6	18.5	19.9	20.3
6H	2.1	3.4	2.5	3.8	4.1	18.2	19.6	18.6	19.9	20.3
8H	2.0	3.4	2.4	3.7	4.1	18.2	19.5	18.6	19.8	20.2
12H	2.1	3.3	2.5	3.7	4.1	18.1	19.4	18.5	19.7	20.1
4H 2H	7.0	8.5	7.4	8.8	9.1	14.7	16.2	15.1	16.5	16.8
3H	7.0	8.3	7.4	8.7	9.1	17.7	19.0	18.1	19.3	19.7
4H	6.9	8.1	7.4	8.5	8.9	18.4	19.6	18.9	20.0	20.4
6H	6.9	7.9	7.3	8.3	8.7	18.5	19.6	19.0	20.0	20.4
8H	6.8	7.8	7.3	8.2	8.7	18.5	19.4	18.9	19.9	20.3
12H	6.8	7.7	7.3	8.2	8.6	18.4	19.3	18.9	19.8	20.2
8H 4H	8.6	9.5	9.0	10.0	10.4	18.3	19.3	18.8	19.7	20.2
6H	8.5	9.3	9.0	9.8	10.3	18.4	19.2	18.9	19.7	20.2
8H	8.5	9.2	9.0	9.7	10.2	18.4	19.1	18.9	19.6	20.1
12H	8.5	9.1	9.0	9.6	10.1	18.4	19.0	18.9	19.5	20.0
12H 4H	8.6	9.5	9.0	9.9	10.4	18.3	19.2	18.7	19.6	20.1
6H	8.5	9.2	9.0	9.7	10.2	18.4	19.1	18.9	19.6	20.1
8H	8.5	9.1	9.0	9.6	10.1	18.4	19.0	18.9	19.5	20.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.7 / - 0.8					+ 0.0 / - 0.0				
1.5H	+ 0.7 / - 0.6					+ 0.2 / - 0.2				
2.0H	+ 1.8 / - 2.2					+ 0.6 / - 0.9				

CIE Pub.117 Corrected 111.5 lm Total Lamp Luminous Flux. (8log(F/F0) = -7.6)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 OperatorsTest Date:
 2019-11-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:119.9V I:0.0269A P:3.035W PF:0.9403 Lamp Flux:111.541x1 lm		
NAME: ASD-LSTL-H01W-N340-PC-XX	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	PROTECTION ANGLE:

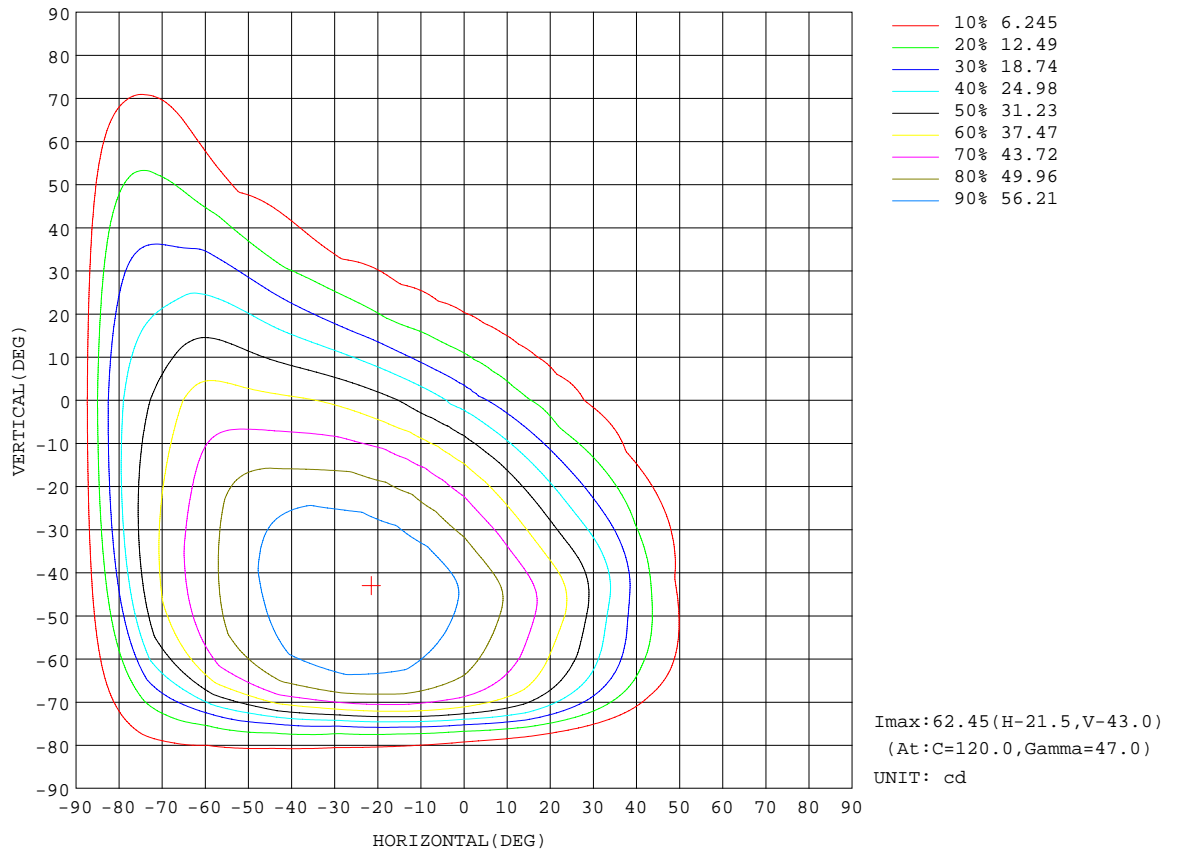
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	50	37	29	49	37	29	47	36	29	22
0.80	60	46	38	58	46	38	56	45	37	29
1.00	68	55	47	67	55	46	64	56	46	37
1.25	76	63	55	74	62	54	71	61	54	45
1.50	81	70	61	79	68	61	76	66	59	50
2.00	89	79	71	87	78	70	83	75	69	59
2.50	94	85	77	92	83	76	87	80	74	64
3.00	98	90	83	95	88	82	91	85	79	69
4.00	103	96	90	100	94	89	95	90	86	76
5.00	106	100	95	103	98	93	98	94	90	79
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: 25.3DEG
 Operators: Test
 Date: 2019-11-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:119.9V I:0.0269A P:3.035W PF:0.9403 Lamp Flux:111.54lx1 lm		
NAME: ASD-LSTL-H01W-N340-PC-XX	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	PROTECTION ANGLE:

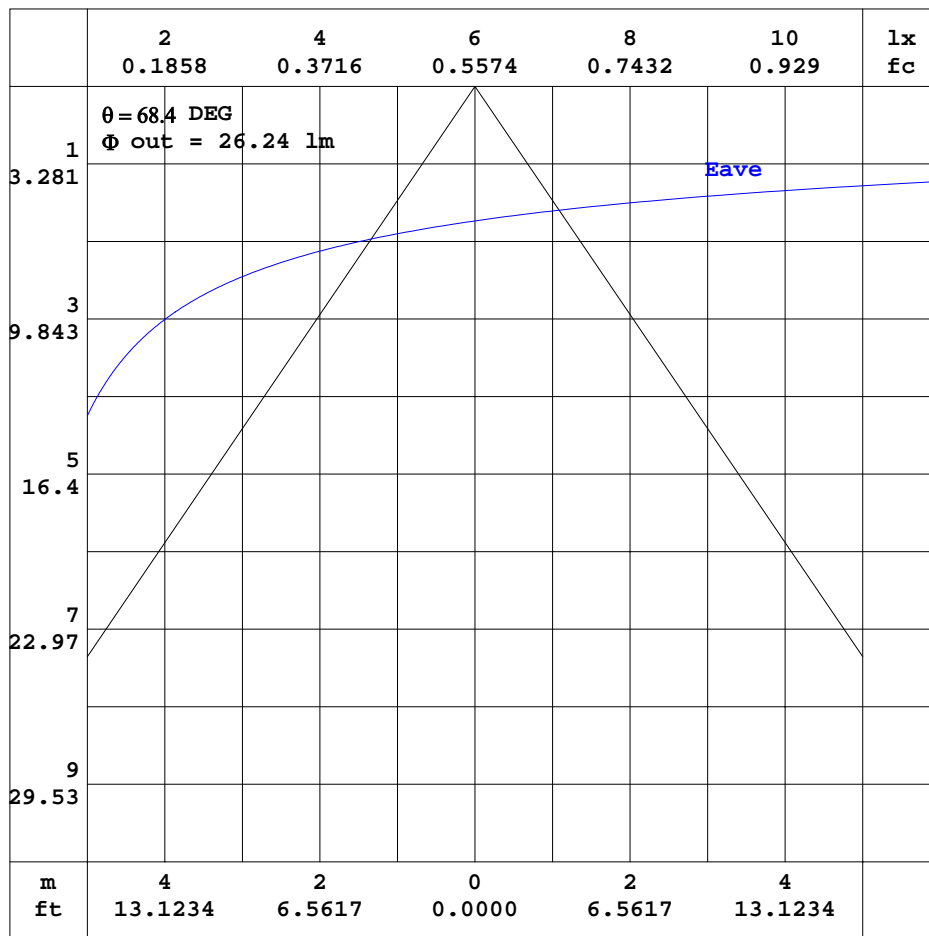


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Test
 Date: 2019-11-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

AAI CURVES

Test:U:119.9V I:0.0269A P:3.035W PF:0.9403 Lamp Flux:111.54lx1 lm		
NAME: ASD-LSTL-H01W-N340-PC-XX	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	PROTECTION ANGLE:



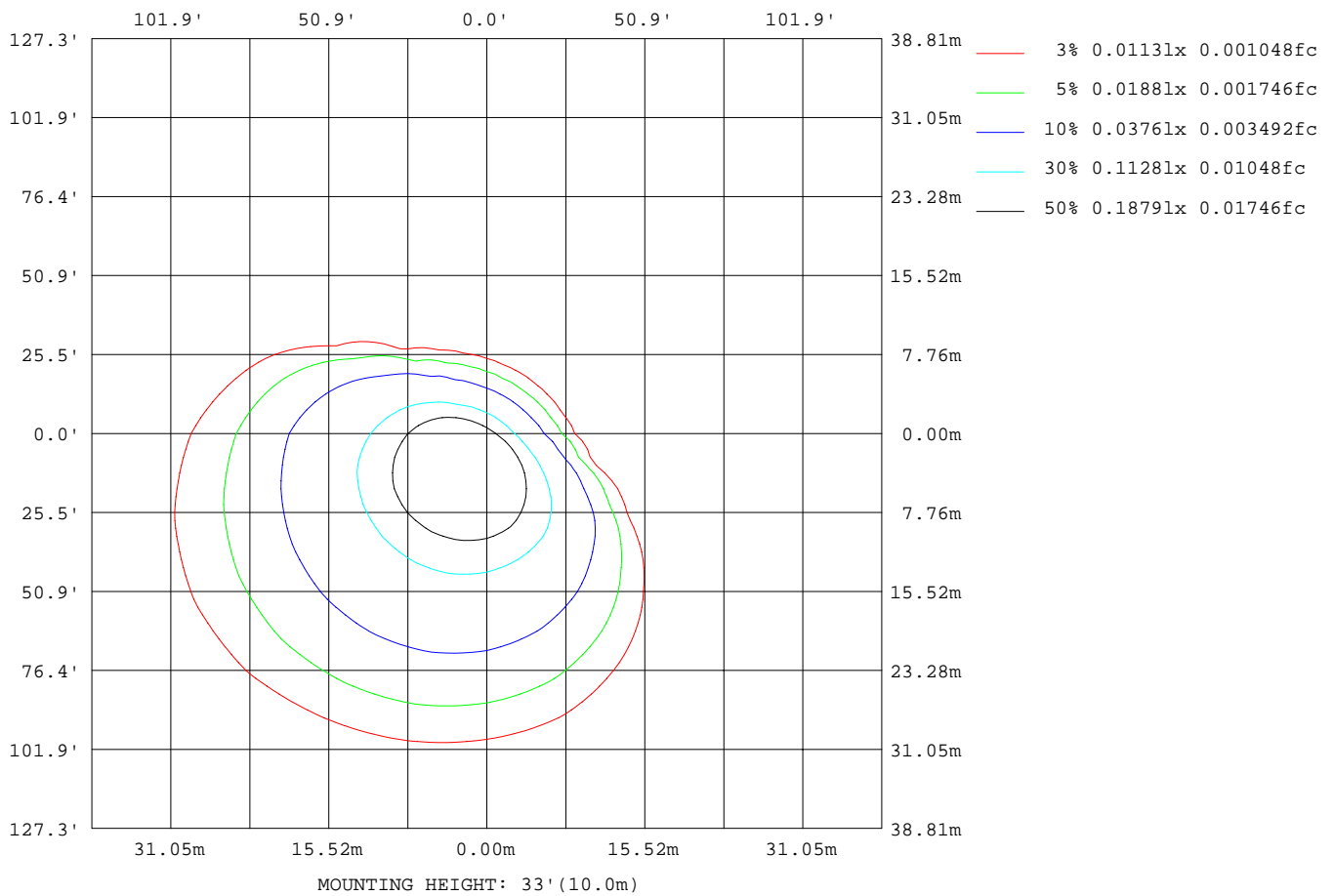
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Test
 Date: 2019-11-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:119.9V I:0.0269A P:3.035W PF:0.9403 Lamp Flux:111.541x1 lm		
NAME: ASD-LSTL-H01W-N340-PC-XX	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Test
 Date: 2019-11-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:119.9V I:0.0269A P:3.035W PF:0.9403 Lamp Flux:111.541x1 lm		
NAME: ASD-LSTL-H01W-N340-PC-XX	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	PROTECTION ANGLE:

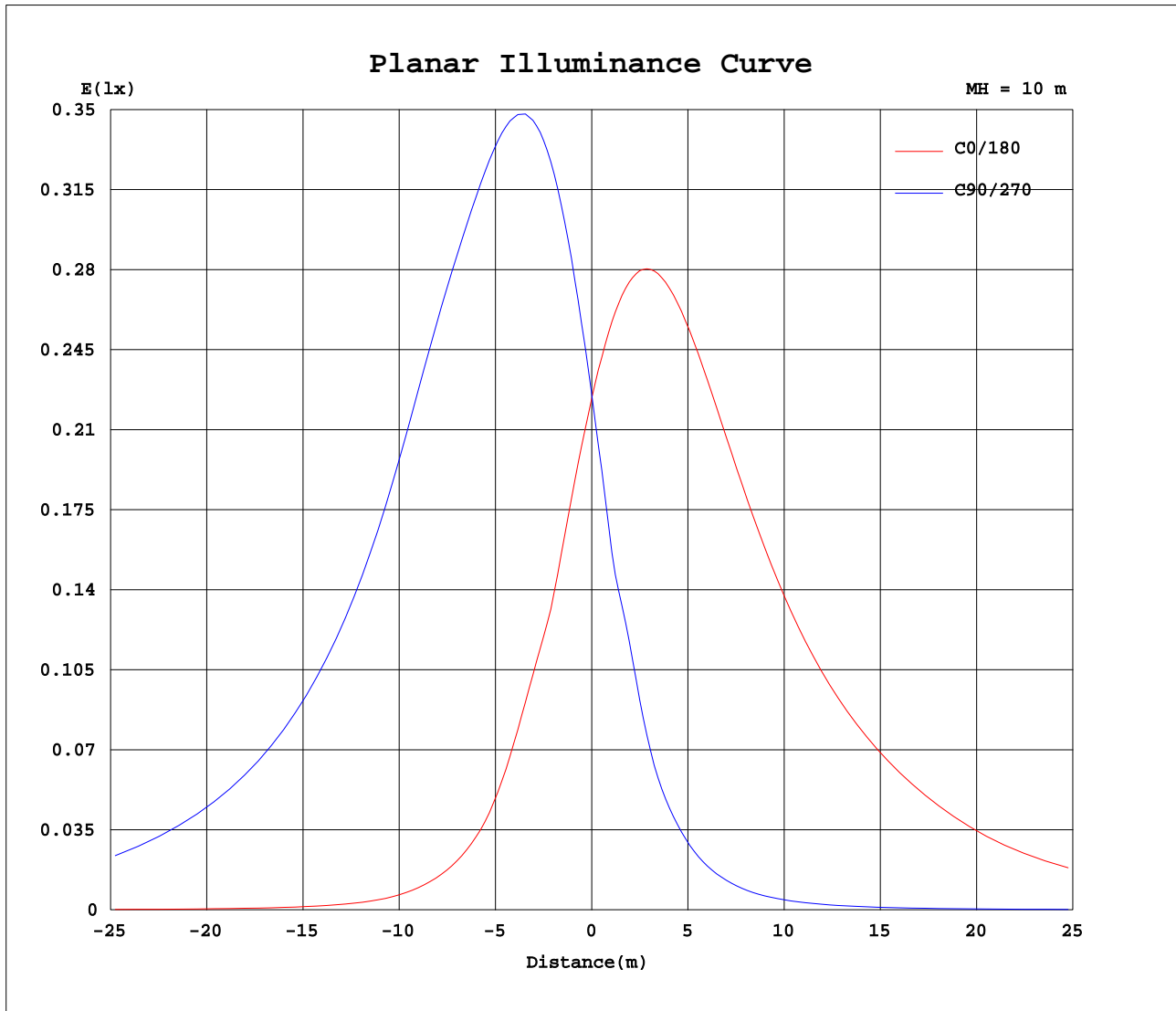
AvgL	cd/m2
L_0~180(65)av	451
L_0~180(75)av	574
L_0~180(85)av	742
L_90~270(65)av	585
L_90~270(75)av	393
L_90~270(85)av	107
L_45(65)av	443
L_45(75)av	463
L_45(85)av	138

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators: Test
 Date:2019-11-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Test
 Date: 2019-11-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.9V I:0.0269A P:3.035W PF:0.9403 Lamp Flux:111.541x1 lm		
NAME: ASD-LSTL-H01W-N340-PC-XX	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	PROTECTION 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	22.4	22.5	22.5	22.5	22.6	22.4	22.5	22.3	22.4	22.2	22.2	22.0	22.4	22.5	22.5	22.5	22.6	22.4	22.5
5	19.0	20.7	22.3	23.9	25.5	26.7	27.9	28.4	28.7	28.3	27.7	26.4	25.5	24.1	22.5	20.8	19.4	17.9	17.0
10	15.4	18.6	21.8	25.0	28.2	30.8	33.0	34.2	34.8	34.2	33.0	30.7	28.5	25.5	22.2	18.9	16.0	14.1	13.1
15	12.7	16.3	21.0	25.8	30.5	34.5	37.7	39.6	40.6	39.8	37.9	34.6	31.1	26.5	21.6	16.8	13.6	11.2	9.33
20	10.2	13.8	20.0	26.3	32.4	37.7	41.9	44.5	45.6	44.8	42.4	38.1	33.3	27.2	20.8	14.5	11.2	8.00	6.38
25	7.58	11.5	18.9	26.6	34.0	40.5	45.6	48.8	50.2	49.1	46.2	41.1	35.2	27.6	19.8	12.8	8.55	5.76	4.58
30	5.40	9.74	17.7	26.7	35.3	42.9	48.9	52.6	54.2	53.0	49.5	43.7	36.6	27.7	18.5	11.1	6.35	4.26	3.27
35	3.90	7.85	16.5	26.7	36.5	45.2	52.1	56.3	58.0	56.5	52.4	45.7	37.6	27.5	17.1	9.11	4.79	3.13	2.36
40	2.76	5.90	15.1	27.1	37.8	47.5	54.8	59.2	61.0	59.7	55.1	47.4	38.3	27.1	15.6	7.07	3.57	2.22	1.69
45	1.87	4.06	13.5	27.2	39.2	48.9	55.7	60.2	62.3	61.5	57.4	49.1	38.9	26.6	14.1	5.28	2.55	1.59	1.25
50	1.27	2.60	11.3	26.1	39.0	48.1	55.1	60.1	62.4	61.9	58.2	50.7	39.5	26.3	12.5	3.79	1.83	1.18	0.94
55	0.90	1.70	8.80	22.9	36.3	46.3	54.0	59.4	61.6	61.0	57.4	51.0	40.2	25.8	10.7	2.73	1.33	0.90	0.72
60	0.66	1.10	6.42	19.0	32.9	43.9	52.2	57.8	60.2	59.5	55.7	49.3	40.2	24.5	8.71	1.90	0.97	0.69	0.57
65	0.50	0.69	4.29	15.7	29.1	40.6	49.0	54.9	57.8	57.4	53.5	46.6	37.6	22.4	6.62	1.32	0.71	0.56	0.48
70	0.40	0.44	2.41	11.4	22.8	33.6	40.9	47.2	51.4	53.1	50.3	43.5	33.5	18.7	4.58	0.91	0.55	0.48	0.42
75	0.36	0.34	1.03	5.63	11.9	17.3	19.9	25.3	32.1	41.2	43.6	39.2	29.4	15.3	2.72	0.64	0.43	0.42	0.42
80	0.35	0.37	0.40	1.02	1.87	3.42	4.99	7.19	9.59	15.6	25.0	30.3	23.5	11.4	1.20	0.45	0.37	0.40	0.43
85	0.44	0.66	0.28	0.27	0.28	0.66	1.42	1.68	1.72	3.73	6.18	10.9	12.5	6.09	0.45	0.35	0.37	0.41	0.45
90	0.55	1.10	0.29	0.28	0.28	0.31	0.83	1.14	1.18	1.11	0.69	1.48	2.36	1.45	0.51	0.35	0.39	0.42	0.48
95	0.66	1.06	0.37	0.31	0.28	0.30	0.39	0.57	0.54	0.50	0.48	0.43	0.64	0.69	0.92	0.49	0.52	0.55	0.59
100	0.74	0.40	0.43	0.32	0.29	0.30	0.37	0.39	0.43	0.33	0.40	0.46	0.47	0.96	2.17	0.77	0.71	0.70	0.70
105	0.45	0.37	0.37	0.35	0.30	0.30	0.36	0.37	0.36	0.34	0.34	0.36	0.35	0.31	0.88	0.35	0.81	0.80	0.77
110	0.63	0.53	0.34	0.34	0.30	0.30	0.32	0.32	0.33	0.34	0.34	0.35	0.36	0.45	3.00	0.47	0.39	0.44	0.48
115	1.02	1.55	0.35	0.34	0.30	0.31	0.31	0.32	0.35	0.33	0.35	0.35	0.38	0.35	1.57	1.92	0.80	0.47	0.53
120	1.04	1.52	0.38	0.35	0.31	0.31	0.31	0.32	0.35	0.30	0.34	0.35	0.39	0.35	0.48	1.63	1.40	1.12	0.88
125	1.10	1.38	0.44	0.36	0.31	0.31	0.31	0.30	0.34	0.30	0.33	0.35	0.51	0.35	0.39	0.81	1.15	1.20	1.02
130	0.83	0.65	0.40	0.37	0.31	0.31	0.31	0.29	0.31	0.30	0.31	0.29	0.37	0.35	0.39	0.43	0.80	0.94	0.92
135	0.59	0.49	0.66	0.39	0.32	0.31	0.30	0.28	0.29	0.29	0.29	0.28	0.38	0.37	0.42	0.42	0.50	0.52	0.55
140	0.78	0.85	0.63	0.40	0.32	0.31	0.29	0.28	0.28	0.28	0.29	0.30	0.41	0.39	0.44	0.42	0.49	0.52	0.55
145	0.81	0.84	0.72	0.39	0.35	0.32	0.28	0.28	0.27	0.28	0.29	0.28	0.43	0.41	0.44	0.44	0.50	0.52	0.55
150	0.80	0.77	0.49	0.41	0.35	0.33	0.30	0.29	0.27	0.29	0.29	0.28	0.42	0.41	0.45	0.45	0.50	0.53	0.60
155	0.55	0.54	0.46	0.46	0.40	0.35	0.31	0.32	0.30	0.30	0.28	0.29	0.42	0.42	0.46	0.46	0.48	0.52	0.54
160	0.58	0.66	0.46	0.48	0.42	0.37	0.33	0.32	0.32	0.31	0.28	0.30	0.42	0.42	0.51	0.47	0.48	0.52	0.53
165	0.60	0.55	0.47	0.44	0.42	0.39	0.34	0.35	0.32	0.32	0.30	0.30	0.43	0.47	0.52	0.61	0.47	0.63	0.51
170	0.53	0.49	0.47	0.44	0.42	0.40	0.35	0.37	0.32	0.34	0.30	0.32	0.45	0.47	0.52	0.50	0.47	0.49	0.47
175	0.50	0.47	0.47	0.45	0.42	0.42	0.38	0.39	0.35	0.36	0.31	0.33	0.47	0.45	0.47	0.47	0.45	0.47	0.44
180	0.48	0.47	0.47	0.46	0.43	0.43	0.42	0.42	0.37	0.37	0.35	0.34	0.47	0.47	0.47	0.46	0.45	0.45	0.42

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Test
 Date: 2019-11-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.9V I:0.0269A P:3.035W PF:0.9403 Lamp Flux:111.541x1 lm		
NAME: ASD-LSTL-H01W-N340-PC-XX	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	22.3	22.4	22.2	22.2	22.0														
5	16.1	16.0	15.9	16.6	17.3														
10	12.2	12.0	12.0	12.7	13.5														
15	8.12	7.83	7.93	8.91	10.5														
20	5.58	5.36	5.46	6.07	7.33														
25	3.90	3.70	3.80	4.30	5.23														
30	2.73	2.57	2.64	3.02	3.76														
35	1.95	1.89	1.91	2.15	2.67														
40	1.45	1.42	1.45	1.57	1.88														
45	1.08	1.04	1.07	1.18	1.36														
50	0.84	0.80	0.82	0.87	1.02														
55	0.67	0.63	0.65	0.68	0.77														
60	0.56	0.54	0.56	0.55	0.63														
65	0.49	0.46	0.50	0.49	0.54														
70	0.45	0.45	0.47	0.47	0.48														
75	0.44	0.45	0.46	0.46	0.45														
80	0.44	0.45	0.46	0.46	0.45														
85	0.44	0.46	0.46	0.50	0.49														
90	0.47	0.52	0.54	0.59	0.55														
95	0.57	0.61	0.61	0.66	0.62														
100	0.67	0.69	0.67	0.69	0.44														
105	0.72	0.68	0.50	0.51	0.41														
110	0.50	0.52	0.72	0.54	0.45														
115	0.55	0.72	0.72	0.54	0.51														
120	0.87	0.79	0.62	0.49	0.77														
125	0.86	0.72	0.59	0.47	0.89														
130	0.82	0.66	0.54	0.47	0.69														
135	0.68	0.56	0.52	0.47	0.42														
140	0.57	0.54	0.52	0.63	0.62														
145	0.56	0.53	0.55	0.78	0.87														
150	0.62	0.52	0.50	0.53	0.54														
155	0.53	0.50	0.48	0.44	0.42														
160	0.51	0.50	0.47	0.49	0.40														
165	0.51	0.58	0.61	0.58	0.43														
170	0.47	0.46	0.47	0.37	0.38														
175	0.45	0.41	0.40	0.36	0.36														
180	0.41	0.39	0.37	0.36	0.34														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators: Test
 Date:2019-11-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks: