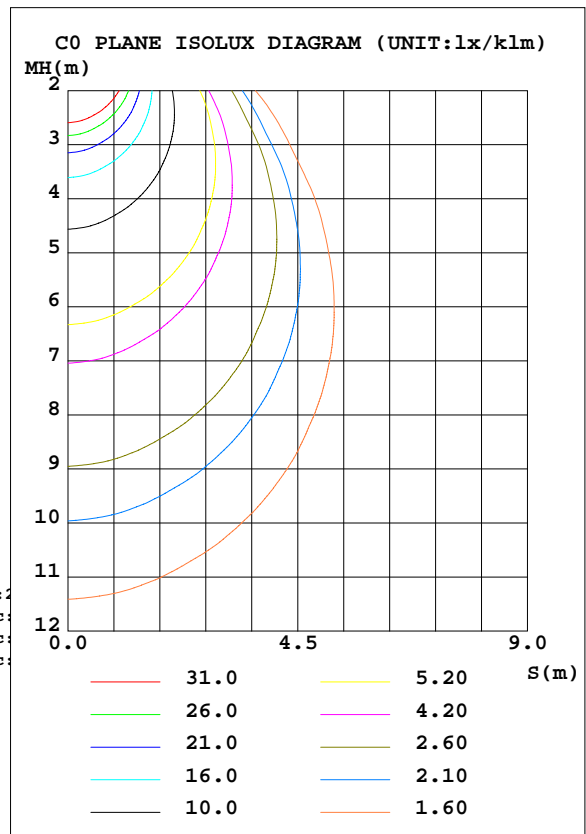
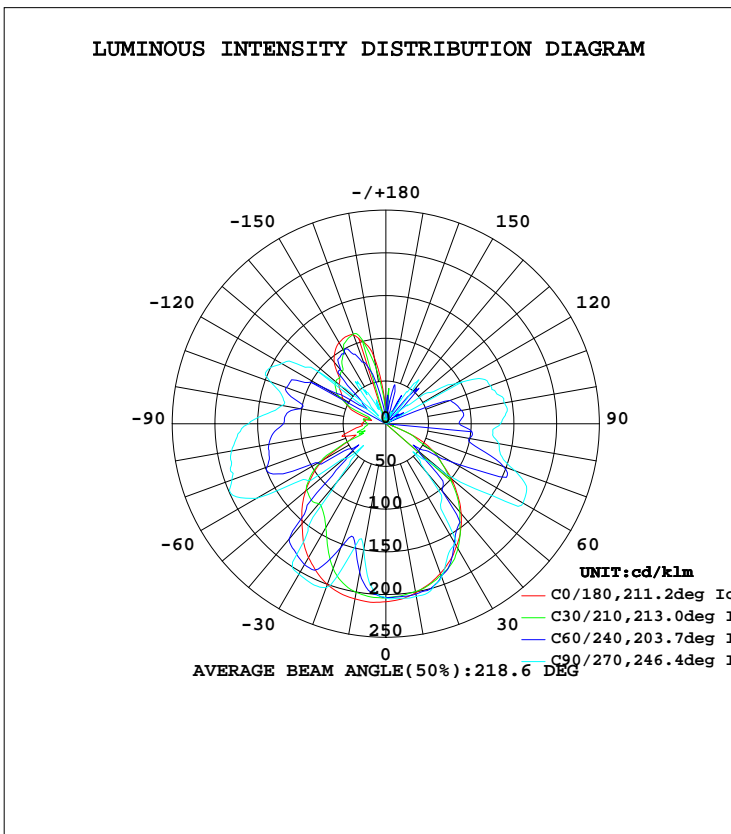


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.0634A P:6.373W PF:0.8379 Lamp Flux:309.384x1 lm		
NAME: ASD-WLT21-1326-BK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 48.54 lm/W			
MODEL	ASD-WLT21-1326-BK	I _{max} (cd/klm)	217.3	S/MH(C0/180)	1.28
NOMINAL POWER(W)	6	LOR(%)	100.0	S/MH(C90/270)	1.14
RATED VOLTAGE(V)	120	TOTAL FLUX(lm/klm)	1000.0	η UP, DN(C0-180)	15.2, 31.7
NOMINAL FLUX(lm)	309.384	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	18.7, 34.5
LAMPS INSIDE	1	η up(%)	33.8	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down(%)	66.2	CIBSE SHR MAX	1.30



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-08-14

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	Φ lum,lamp
10	200.9	200.7	205.2	132.8	208.2	192.3	149.8	130.9	0- 10	17.26	17.26	1.73,1.73
20	186.6	191.1	190.9	130.0	200.1	142.4	204.0	126.8	10- 20	49.70	66.96	6.7,6.7
30	165.3	167.6	161.9	124.3	181.0	159.2	203.4	119.9	20- 30	79.44	146.4	14.6,14.6
40	137.3	132.0	73.75	113.5	152.7	163.8	88.93	103.5	30- 40	91.75	238.1	23.8,23.8
50	100.4	79.20	92.92	100.7	122.8	120.0	63.74	84.18	40- 50	74.59	312.7	31.3,31.3
60	63.98	32.67	185.5	72.28	84.36	44.61	174.8	50.20	50- 60	81.34	394.1	39.4,39.4
70	13.99	77.19	161.0	27.55	39.54	91.53	191.9	5.886	60- 70	96.58	490.7	49.1,49.1
80	4.980	66.78	134.3	33.45	38.69	103.9	183.5	4.158	70- 80	90.16	580.8	58.1,58.1
90	3.885	56.38	134.0	15.52	28.45	89.07	160.5	3.039	80- 90	81.02	661.8	66.2,66.2
100	3.361	53.65	141.0	20.70	26.06	76.76	123.2	2.813	90-100	74.51	736.3	73.6,73.6
110	3.311	40.57	130.6	26.51	35.65	80.33	143.8	2.813	100-110	66.17	802.5	80.3,80.3
120	3.311	15.49	93.90	53.83	58.09	28.22	141.1	2.863	110-120	60.81	863.3	86.3,86.3
130	3.423	35.84	32.75	67.76	71.97	74.77	68.13	2.975	120-130	43.28	906.6	90.7,90.7
140	3.510	3.834	41.62	74.00	94.37	94.16	28.61	3.000	130-140	29.93	936.5	93.7,93.7
150	4.101	3.873	9.012	82.83	109.7	94.34	42.14	3.299	140-150	32.61	969.1	96.9,96.9
160	3.610	20.88	5.294	74.79	110.6	103.6	6.804	3.112	150-160	20.37	989.5	99,99
170	3.598	9.702	4.766	33.60	79.23	46.85	4.868	3.112	160-170	8.922	998.4	99.8,99.8
180	5.764	6.535	14.02	3.983	5.925	6.585	13.87	3.759	170-180	1.556	1000	100,100
DEG	LUMINOUS INTENSITY:cd/klm									UNIT:lm/klm		

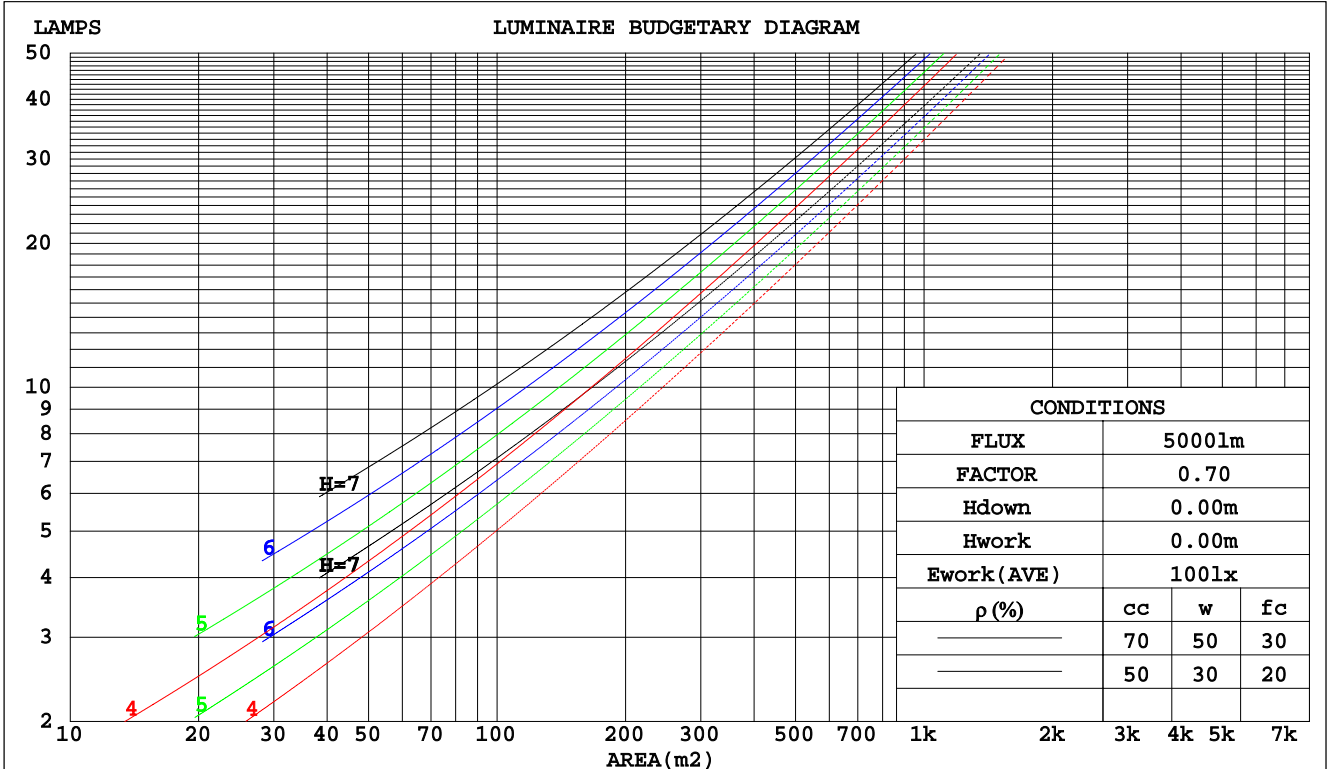
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-08-14

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:120.0V I:0.0634A P:6.373W PF:0.8379 Lamp Flux:309.384x1 lm		
NAME: ASD-WLT21-1326-BK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	PROTECTION 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																0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Coefficients of Utilization(CU)															
0.0	1.11	1.11	1.11	1.04	1.04	1.04	.92	.92	.92	.81	.81	.81	.71	.71	.71	.66
1.0	.92	.86	.82	.86	.81	.77	.76	.72	.68	.66	.63	.60	.57	.55	.53	.48
2.0	.78	.71	.64	.74	.67	.61	.65	.59	.54	.56	.52	.48	.48	.45	.42	.38
3.0	.68	.59	.52	.64	.56	.50	.56	.50	.44	.49	.44	.40	.42	.38	.35	.31
4.0	.60	.51	.44	.56	.48	.42	.50	.43	.37	.43	.38	.33	.37	.33	.29	.26
5.0	.53	.44	.37	.50	.42	.36	.44	.37	.32	.39	.33	.29	.34	.29	.25	.22
6.0	.48	.39	.32	.45	.37	.31	.40	.33	.28	.35	.29	.25	.30	.26	.22	.19
7.0	.43	.34	.28	.41	.33	.27	.36	.29	.25	.32	.26	.22	.28	.23	.20	.17
8.0	.39	.31	.25	.37	.29	.24	.33	.26	.22	.29	.24	.20	.26	.21	.18	.15
9.0	.36	.28	.22	.34	.27	.21	.30	.24	.20	.27	.22	.18	.24	.19	.16	.14
10.0	.33	.25	.20	.31	.24	.19	.28	.22	.18	.25	.20	.16	.22	.18	.14	.13



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-08-14

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:120.0V I:0.0634A P:6.373W PF:0.8379 Lamp Flux:309.384x1 lm		
NAME: ASD-WLT21-1326-BK	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	.386	.220	.070	.369	.210	.067	.336	.193	.062	.306	.177	.057	.278	.161	.052	
2.0	.329	.180	.055	.313	.172	.053	.283	.157	.049	.255	.143	.045	.230	.130	.041	
3.0	.289	.154	.046	.275	.147	.044	.248	.134	.041	.223	.122	.037	.199	.110	.034	
4.0	.259	.135	.040	.246	.129	.038	.221	.117	.035	.198	.106	.032	.177	.096	.029	
5.0	.235	.120	.035	.223	.114	.033	.200	.104	.031	.179	.094	.028	.159	.085	.026	
6.0	.215	.108	.031	.204	.103	.030	.183	.094	.027	.164	.085	.025	.145	.076	.023	
7.0	.198	.098	.028	.188	.094	.027	.169	.085	.025	.151	.077	.022	.134	.069	.020	
8.0	.183	.090	.025	.174	.086	.024	.156	.078	.022	.140	.071	.020	.124	.064	.019	
9.0	.171	.083	.023	.162	.079	.022	.146	.072	.020	.130	.065	.019	.116	.059	.017	
10.0	.160	.077	.021	.152	.073	.020	.137	.067	.019	.122	.061	.017	.108	.055	.016	

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	.448	.448	.448	.383	.383	.383	.261	.261	.261	.150	.150	.150	.048	.048	.048	
1.0	.445	.415	.388	.381	.356	.334	.261	.245	.231	.150	.142	.134	.048	.046	.043	
2.0	.439	.393	.355	.376	.339	.307	.257	.234	.214	.148	.136	.126	.048	.044	.041	
3.0	.431	.377	.334	.370	.326	.290	.254	.226	.203	.147	.132	.120	.047	.043	.039	
4.0	.423	.365	.321	.363	.316	.279	.250	.220	.196	.145	.129	.116	.047	.042	.038	
5.0	.416	.356	.312	.357	.308	.271	.246	.215	.191	.142	.126	.114	.046	.041	.037	
6.0	.408	.348	.305	.351	.301	.265	.242	.211	.188	.141	.124	.112	.045	.041	.037	
7.0	.402	.342	.300	.345	.296	.261	.239	.208	.185	.139	.122	.110	.045	.040	.036	
8.0	.395	.336	.296	.340	.292	.258	.235	.205	.183	.137	.121	.109	.044	.040	.036	
9.0	.389	.332	.293	.335	.288	.256	.232	.202	.181	.135	.120	.108	.044	.039	.036	
10.0	.383	.328	.291	.330	.285	.254	.229	.200	.180	.134	.118	.108	.043	.039	.036	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-08-14

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:120.0V I:0.0634A P:6.373W PF:0.8379 Lamp Flux:309.384x1 lm										
NAME: ASD-WLT21-1326-BK					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	10.5	11.7	11.2	12.4	13.3	14.5	15.7	15.2	16.4	17.3
3H	10.8	11.9	11.5	12.6	13.5	18.7	19.7	19.4	20.5	21.4
4H	10.6	11.7	11.4	12.4	13.3	20.2	21.2	20.9	21.9	22.9
6H	10.5	11.5	11.3	12.3	13.2	21.9	22.9	22.7	23.7	24.6
8H	10.5	11.4	11.3	12.2	13.2	22.9	23.8	23.7	24.6	25.6
12H	10.5	11.4	11.2	12.2	13.1	24.0	24.9	24.8	25.7	26.7
4H 2H	11.3	12.3	12.0	13.1	14.0	14.7	15.8	15.5	16.5	17.4
3H	11.7	12.5	12.4	13.3	14.3	19.3	20.2	20.1	21.0	21.9
4H	11.5	12.4	12.3	13.2	14.2	21.0	21.8	21.8	22.6	23.6
6H	11.4	12.2	12.3	13.0	14.0	23.0	23.7	23.8	24.6	25.6
8H	11.4	12.1	12.2	12.9	14.0	24.2	24.9	25.0	25.7	26.7
12H	11.4	12.0	12.2	12.9	13.9	25.5	26.1	26.3	27.0	28.0
8H 4H	14.4	15.1	15.2	15.9	17.0	21.1	21.8	21.9	22.6	23.6
6H	14.5	15.1	15.4	15.9	17.0	23.4	24.0	24.3	24.9	25.9
8H	14.4	15.0	15.3	15.9	16.9	24.9	25.4	25.7	26.3	27.4
12H	14.4	14.9	15.3	15.8	16.9	26.5	26.9	27.4	27.8	29.0
12H 4H	15.4	16.0	16.2	16.9	17.9	21.0	21.6	21.8	22.5	23.6
6H	16.1	16.6	16.9	17.5	18.6	23.4	24.0	24.3	24.8	25.9
8H	16.2	16.7	17.1	17.6	18.7	25.0	25.5	25.9	26.4	27.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.3 / - 0.3					+ 0.1 / - 0.2				
2.0H	+ 0.5 / - 0.6					+ 0.4 / - 0.4				

CIE Pub.117 Corrected 1000 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.0)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-08-14

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:120.0V I:0.0634A P:6.373W PF:0.8379 Lamp Flux:309.384x1 lm		
NAME: ASD-WLT21-1326-BK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	PROTECTION ANGLE:

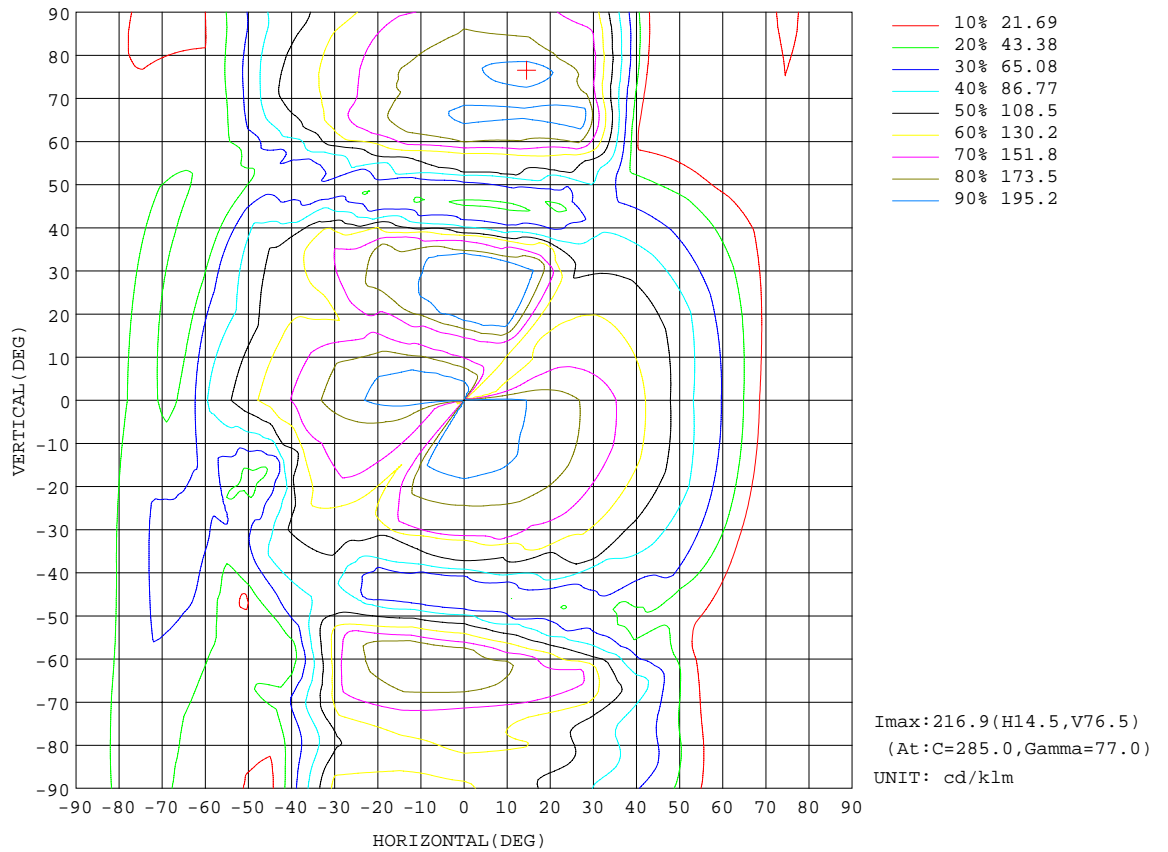
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	45	33	26	43	32	26	41	31	25	18
0.80	53	40	33	51	39	32	47	37	30	22
1.00	60	47	39	58	46	38	53	45	36	26
1.25	67	54	45	64	52	44	58	48	41	30
1.50	72	59	50	68	57	49	61	52	45	33
2.00	79	67	59	75	64	56	67	59	52	37
2.50	84	73	65	79	69	62	70	63	57	40
3.00	87	78	70	82	74	67	73	66	61	43
4.00	92	84	77	87	79	73	77	71	66	47
5.00	95	88	82	90	83	78	80	75	70	50
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:2021-08-14

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:120.0V I:0.0634A P:6.373W PF:0.8379 Lamp Flux:309.384x1 lm		
NAME: ASD-WLT21-1326-BK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	PROTECTION ANGLE:

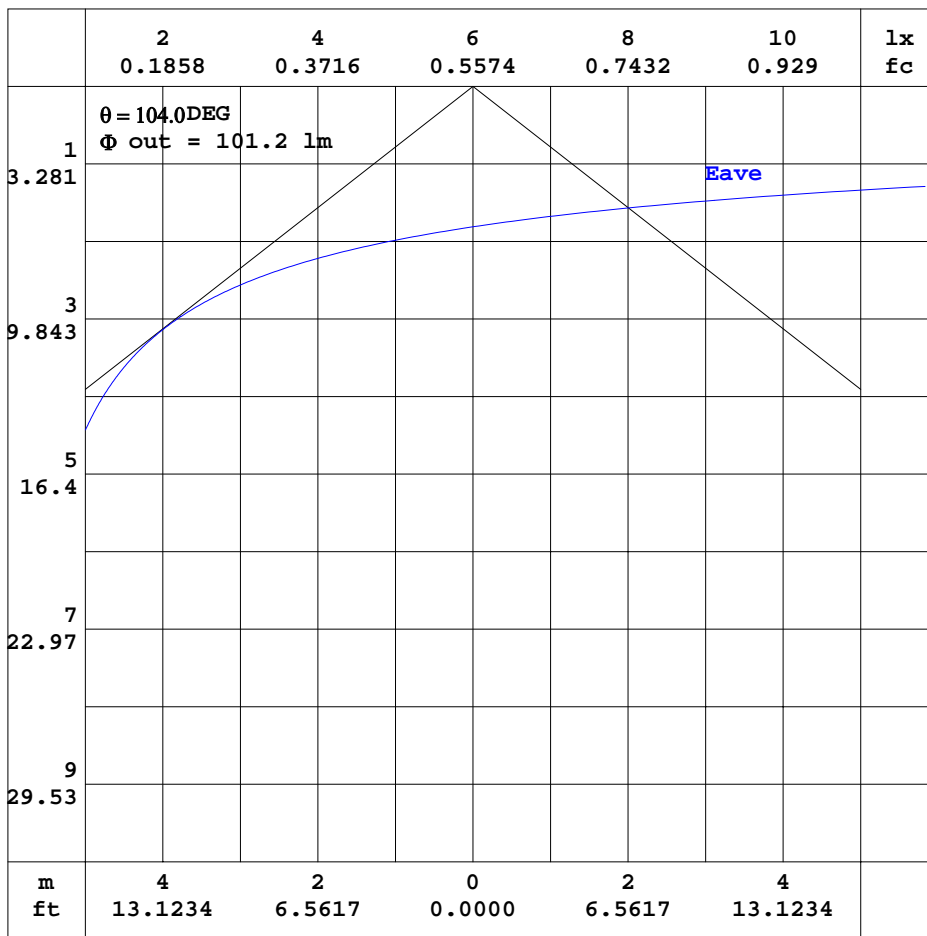


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-08-14

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:120.0V I:0.0634A P:6.373W PF:0.8379 Lamp Flux:309.384x1 lm		
NAME: ASD-WLT21-1326-BK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	PROTECTION ANGLE:



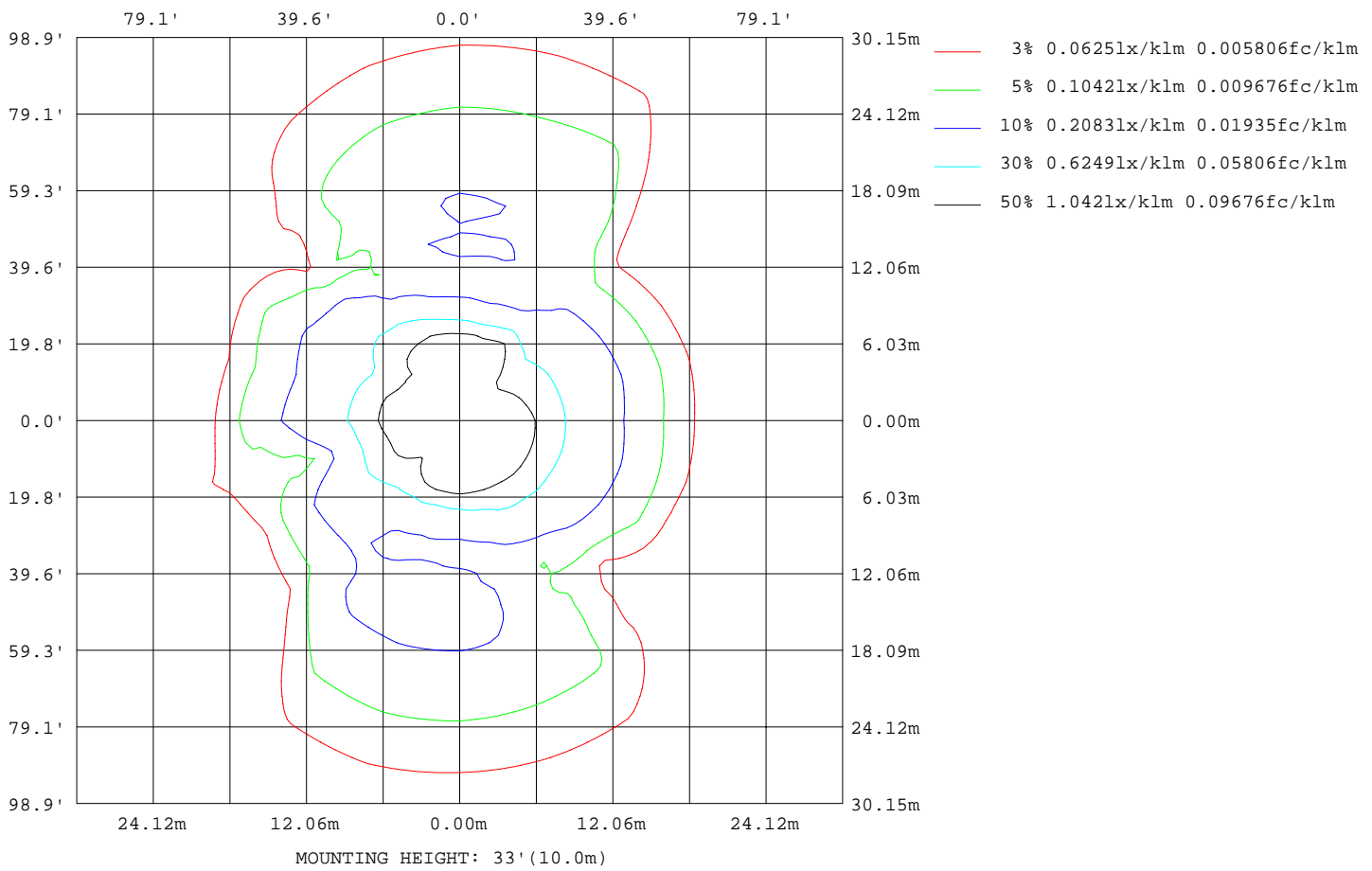
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-08-14

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:120.0V I:0.0634A P:6.373W PF:0.8379 Lamp Flux:309.384x1 lm		
NAME: ASD-WLT21-1326-BK	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: 2021-08-14

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:120.0V I:0.0634A P:6.373W PF:0.8379 Lamp Flux:309.384x1 lm		
NAME: ASD-WLT21-1326-BK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	PROTECTION ANGLE:

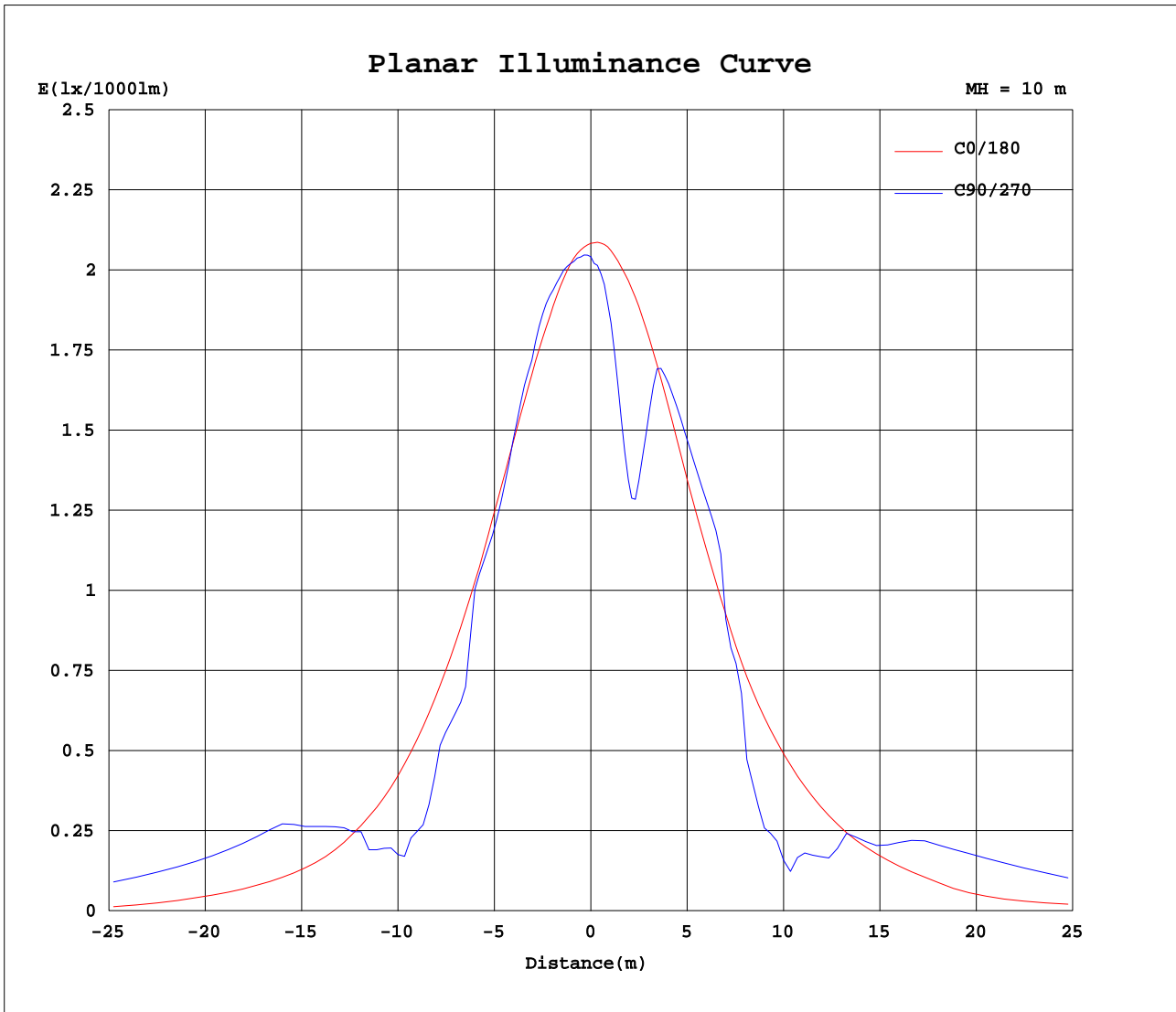
AvgL	cd/m2
L_0~180(65)av	332
L_0~180(75)av	344
L_0~180(85)av	582
L_90~270(65)av	1390
L_90~270(75)av	1949
L_90~270(85)av	5334
L_45(65)av	339
L_45(75)av	715
L_45(85)av	1652

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-08-14

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: 2021-08-14

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:120.0V I:0.0634A P:6.373W PF:0.8379 Lamp Flux:309.384x1 lm		
NAME: ASD-WLT21-1326-BK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd/klm

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	208	206	204	203	203	204	204	202	198	133	127	121	208	206	204	203	203	204	204
5	206	204	202	202	203	204	205	204	201	133	137	142	210	206	203	200	198	195	192
10	201	200	199	201	202	204	205	204	201	133	147	165	208	205	200	192	177	159	150
15	195	195	195	197	200	202	202	202	199	132	156	175	206	201	193	170	142	144	157
20	187	187	189	191	190	192	191	191	188	130	161	172	200	196	181	142	154	190	204
25	177	179	181	178	180	174	171	171	172	128	161	167	191	187	161	139	188	202	206
30	165	168	169	168	161	160	162	161	156	124	158	159	181	175	141	159	190	198	203
35	153	155	152	150	147	117	113	111	112	119	148	150	168	159	128	172	184	194	166
40	137	139	135	132	103	103	73.7	73.2	98.2	113	136	108	153	142	122	164	176	131	88.9
45	119	123	117	119	94.4	57.4	49.6	52.9	55.6	110	122	57.2	139	128	125	152	114	61.8	44.7
50	100	105	97.0	79.2	51.6	59.8	92.9	95.6	61.5	101	105	37.2	123	109	121	120	59.9	57.1	63.7
55	79.7	86.0	79.2	56.3	54.0	105	140	145	122	87.3	88.0	41.3	105	89.1	108	67.5	50.9	105	114
60	64.0	64.8	64.1	32.7	91.0	156	186	187	171	72.3	53.3	69.0	84.4	72.9	87.6	44.6	91.6	150	175
65	42.4	41.6	37.3	50.9	147	170	182	184	167	36.5	19.5	76.4	48.4	34.7	52.0	69.3	139	181	198
70	14.0	12.0	13.5	77.2	147	156	161	165	153	27.6	31.0	82.5	39.5	31.1	28.2	91.5	148	178	192
75	5.63	5.16	8.53	79.9	113	128	139	139	132	48.4	35.8	75.8	51.9	51.5	31.7	106	142	175	187
80	4.98	4.42	6.37	66.8	99.0	131	134	124	108	33.4	34.5	65.4	38.7	35.9	25.4	104	139	170	183
85	4.48	3.90	5.01	66.6	101	121	126	126	120	21.0	32.8	58.1	28.3	24.0	22.2	94.8	133	163	175
90	3.89	3.35	4.27	56.4	86.3	112	134	142	136	15.5	30.4	55.7	28.5	20.6	21.6	89.1	120	149	161
95	3.36	2.91	3.73	53.1	90.5	119	141	146	137	16.6	29.3	49.0	26.2	27.4	23.6	91.1	118	133	139
100	3.36	2.91	3.70	53.6	90.0	123	141	144	132	20.7	37.7	42.5	26.1	35.5	26.8	76.8	102	123	123
105	3.35	2.86	3.61	49.7	85.7	119	135	138	126	14.7	25.7	20.0	18.2	24.0	21.0	86.4	110	119	126
110	3.31	2.86	3.46	40.6	80.3	111	131	134	125	26.5	38.1	29.6	35.7	38.0	21.1	80.3	124	143	144
115	3.27	2.94	3.41	31.6	11.5	102	124	128	112	43.8	47.3	52.1	48.9	48.2	46.0	51.1	122	143	152
120	3.31	3.09	6.81	15.5	18.5	75.0	93.9	107	79.0	53.8	56.6	58.1	58.1	63.2	62.4	28.2	88.3	136	141
125	3.35	3.17	3.32	9.76	14.5	53.8	63.7	73.7	46.4	62.5	64.1	58.5	64.1	73.1	71.4	36.7	37.7	95.7	115
130	3.42	3.21	3.30	35.8	8.02	28.3	32.8	37.6	25.6	67.8	68.0	64.1	72.0	78.6	76.7	74.8	34.5	38.0	68.1
135	3.50	3.25	3.21	26.7	33.9	12.6	14.4	21.5	35.2	64.9	72.5	78.6	77.5	83.7	76.5	88.5	63.7	33.2	23.9
140	3.51	3.31	3.22	3.83	44.6	56.5	41.6	41.1	88.1	74.0	82.1	85.4	94.4	96.6	80.2	94.2	82.8	55.8	28.6
145	5.15	3.36	3.31	13.2	4.65	55.7	57.6	65.9	109	79.5	81.8	86.9	104	104	89.8	97.5	94.5	59.4	57.1
150	4.10	3.84	7.47	3.87	22.8	5.47	9.01	43.1	100	82.8	69.7	68.8	110	109	98.5	94.3	97.3	52.9	42.1
155	3.61	3.41	16.4	50.0	6.00	26.3	15.4	34.5	83.9	83.8	55.1	29.8	112	110	108	98.5	89.9	47.2	18.5
160	3.61	3.46	3.60	20.9	4.31	4.69	5.29	34.5	66.7	74.8	40.8	29.5	111	110	112	104	77.0	38.2	6.80
165	3.60	3.59	3.67	60.2	41.9	6.02	4.52	19.9	42.3	53.8	27.1	10.4	98.6	104	96.8	81.8	60.0	26.9	4.87
170	3.60	3.70	11.4	9.70	26.9	14.3	4.77	8.63	24.6	33.6	15.0	8.15	79.2	76.7	65.7	46.9	28.2	8.03	4.87
175	7.08	6.75	41.6	51.6	30.6	11.8	5.48	5.63	8.29	12.8	8.85	5.93	40.2	41.4	33.1	19.7	9.62	6.07	5.07
180	5.76	5.45	5.99	6.54	9.16	11.6	14.0	15.3	13.4	3.98	3.78	3.77	5.93	6.06	5.98	6.59	9.05	11.9	13.9

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-08-14

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:120.0V I:0.0634A P:6.373W PF:0.8379 Lamp Flux:309.384x1 lm		
NAME: ASD-WLT21-1326-BK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd/klm

C(DEG) γ (DEG)	285	300	315	330	345														
0	202	198	133	127	121														
5	187	184	132	120	121														
10	143	143	131	121	139														
15	162	150	129	126	154														
20	205	198	127	132	157														
25	206	202	124	136	154														
30	203	199	120	136	147														
35	158	194	113	131	139														
40	84.4	137	103	124	131														
45	44.0	55.6	94.3	112	119														
50	64.8	50.3	84.2	97.7	105														
55	116	71.5	67.0	79.8	87.9														
60	165	122	50.2	61.0	66.5														
65	193	189	28.5	42.9	51.0														
70	192	198	5.89	16.4	32.1														
75	207	166	4.72	5.41	10.4														
80	184	162	4.16	4.67	16.4														
85	172	153	3.72	4.23	20.9														
90	160	141	3.04	3.82	25.3														
95	137	123	2.81	3.32	25.4														
100	114	96.5	2.81	3.45	27.9														
105	116	105	2.81	3.45	31.0														
110	11.9	124	2.81	3.46	30.6														
115	121	111	2.81	3.71	9.08														
120	130	16.8	2.86	9.82	4.87														
125	118	38.7	2.94	15.3	10.4														
130	67.0	37.5	2.98	8.72	12.1														
135	26.1	12.2	2.98	3.44	6.91														
140	31.4	24.9	3.00	4.09	7.46														
145	77.9	60.1	3.12	3.21	7.79														
150	41.4	26.1	3.30	14.5	3.30														
155	33.1	37.6	3.26	17.9	35.0														
160	9.21	5.11	3.11	10.7	23.9														
165	4.76	4.21	3.10	3.21	3.11														
170	5.58	10.5	3.11	3.22	3.11														
175	5.30	11.0	3.66	3.51	3.16														
180	15.3	12.9	3.76	3.87	3.71														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-08-14

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: