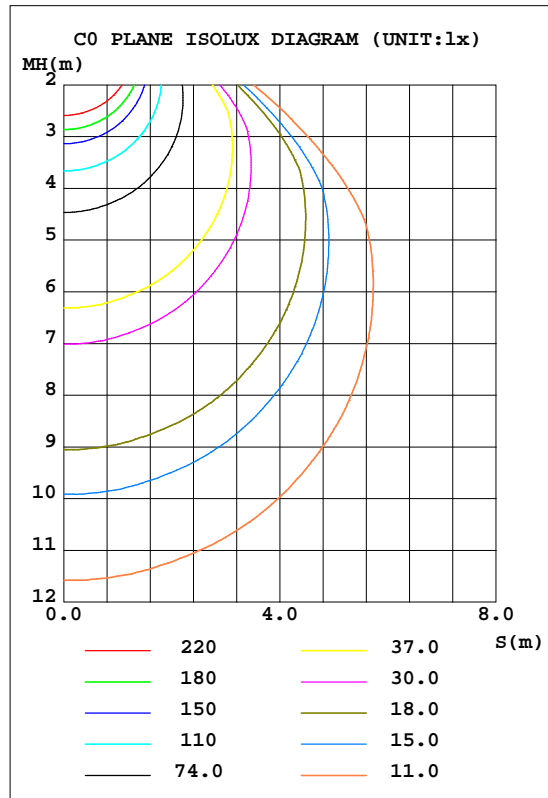
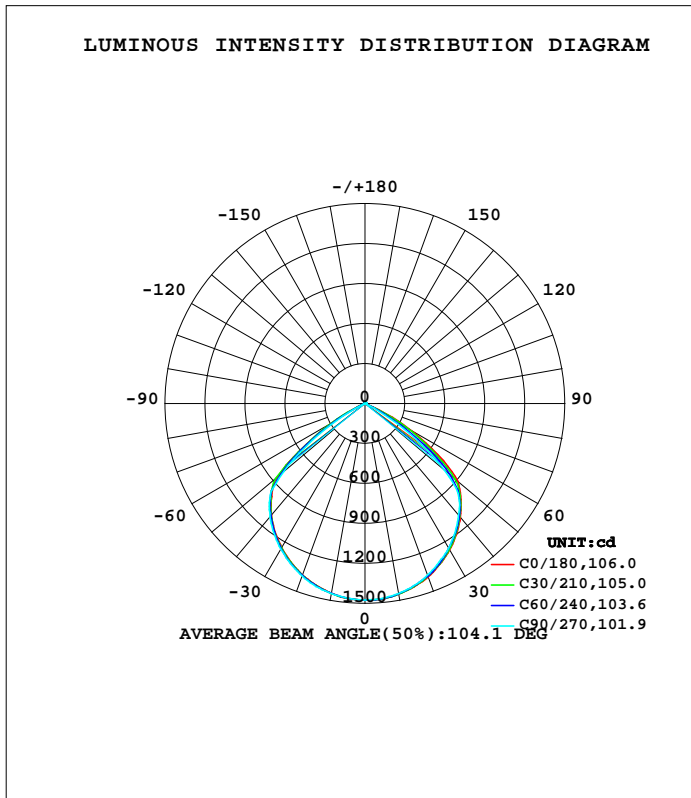


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.18V I:0.2194A P:26.068W PF:0.9888 Freq:59.97Hz Lamp Flux:3250x1 lm		
NAME: ASD-GNL-25D40-PC-BK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 125.68 lm/W			
MODEL	ASD-GNL-25D40-PC-BK	I _{max} (cd)	1476	S/MH(C0/180)	1.26
NOMINAL POWER(W)	25	LOR(%)	100.8	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	3276.3	h UP, DN(C0-180)	0.5,49.7
NOMINAL FLUX(lm)	3250	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.4,50.1
LAMPS INSIDE	1	h up(%)	0.9	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	h down(%)	99.9	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-03-10

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.100m [K=1.1728]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

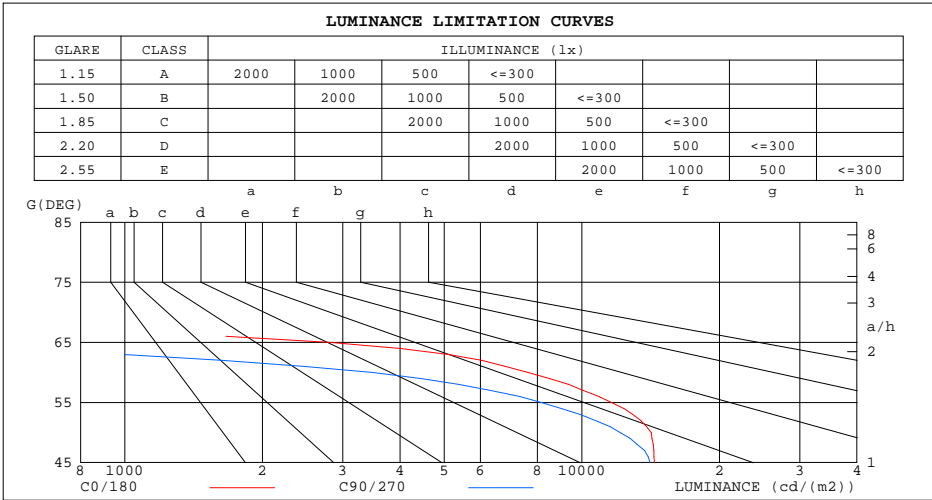
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	1453	1453	1448	1445	1446	1446	1449	1454	0- 10	139.6	139.6	4.26,4.29
20	1385	1382	1371	1363	1369	1372	1377	1385	10- 20	400.4	539.9	16.5,16.6
30	1269	1263	1254	1247	1248	1252	1263	1264	20- 30	609.4	1149	35.1,35.4
40	1114	1105	1094	1086	1092	1096	1109	1112	30- 40	741.3	1891	57.7,58.2
50	911.9	859.1	779.7	836.2	867.5	851.0	796.3	891.8	40- 50	768.7	2659	81.2,81.8
60	381.3	320.7	174.5	238.7	268.9	261.5	194.3	322.1	50- 60	498.0	3157	96.4,97.2
70	8.426	6.441	5.489	4.984	5.060	5.560	5.333	7.180	60- 70	82.21	3240	98.9,99.7
80	3.216	3.199	3.179	2.970	2.900	3.101	3.281	3.222	70- 80	4.496	3244	99,99.8
90	0.5640	0.5907	0.4189	0.6230	0.5025	0.5040	0.2862	0.4722	80- 90	1.909	3246	99.1,99.9
100	1.567	1.532	1.478	1.678	1.551	1.403	1.183	1.244	90-100	0.9860	3247	99.1,99.9
110	3.028	2.993	2.939	3.171	3.006	2.819	2.561	2.622	100-110	2.261	3249	99.2,100
120	4.704	4.644	4.641	4.803	4.613	4.406	4.219	4.254	110-120	3.678	3253	99.3,100
130	6.248	6.156	6.191	6.283	6.086	5.861	5.724	5.740	120-130	4.735	3258	99.4,100
140	7.569	7.540	7.601	7.553	7.306	7.093	7.064	7.062	130-140	5.179	3263	99.6,100
150	8.916	8.862	8.871	8.995	8.678	8.510	8.341	8.408	140-150	4.996	3268	99.7,101
160	10.33	10.33	10.33	10.37	10.10	10.07	9.980	10.04	150-160	4.362	3272	99.9,101
170	11.20	11.22	11.25	11.19	11.04	11.08	11.10	11.15	160-170	3.027	3275	100,101
180	11.60	11.65	11.58	11.69	11.60	11.65	11.58	11.68	170-180	1.084	3276	100,101
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-03-10

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.100m [K=1.1728]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.18V I:0.2194A P:26.068W PF:0.9888 Freq:59.97Hz Lamp Flux:3250x1 lm		
NAME: ASD-GNL-25D40-PC-BK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	225	170
80	185	183
75	159	177
70	246	161
65	2810	355
60	7626	3489
55	11629	8158
50	14186	12130
45	14428	14092

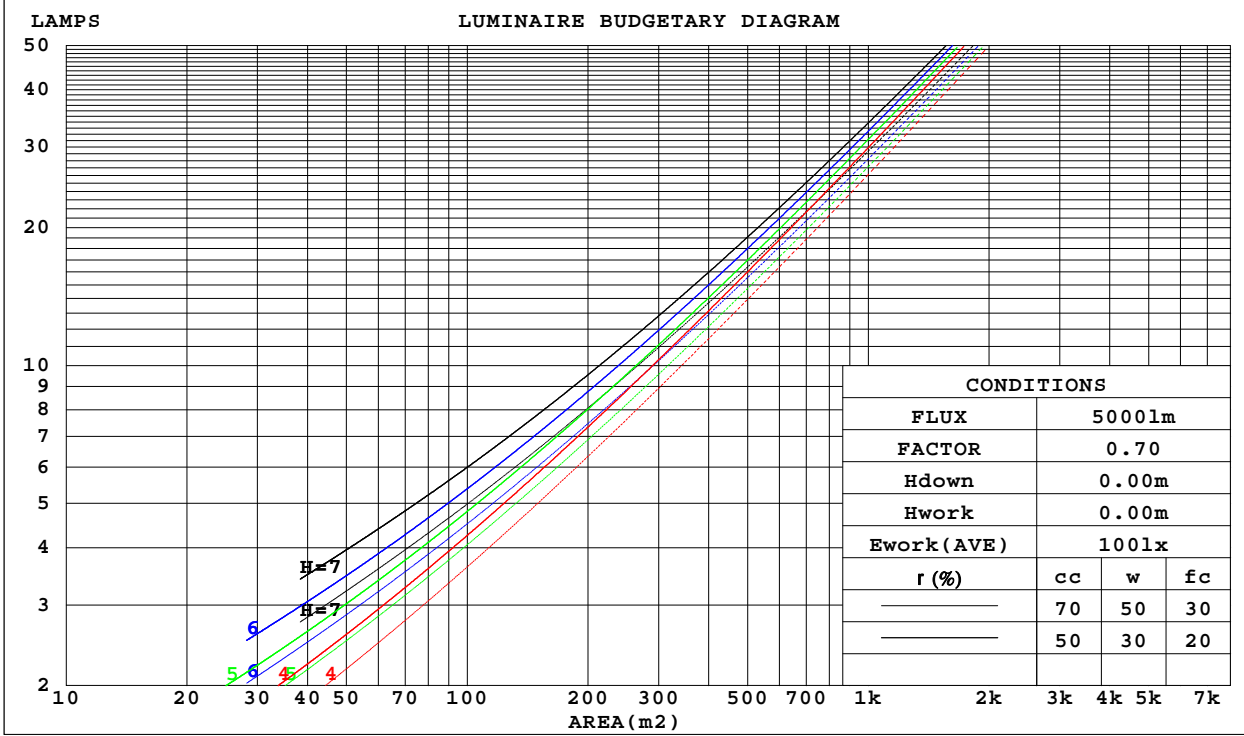
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-03-10

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.100m [K=1.1728]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.18V I:0.2194A P:26.068W PF:0.9888 Freq:59.97Hz Lamp Flux:3250x1 lm		
NAME: ASD-GNL-25D40-PC-BK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

r _{cc}	80%			70%			50%			30%			10%			0
r _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.20	1.20	1.20	1.17	1.17	1.17	1.11	1.11	1.11	1.07	1.07	1.07	1.02	1.02	1.02	.00
1.0	1.09	1.05	1.03	1.06	1.03	1.01	1.02	.00	.97	.98	.96	.94	.94	.93	.91	.89
2.0	.98	.92	.88	.96	.91	.87	.92	.88	.85	.89	.86	.83	.86	.83	.81	.79
3.0	.88	.81	.76	.86	.80	.75	.83	.78	.74	.80	.76	.72	.78	.74	.71	.69
4.0	.79	.71	.66	.78	.71	.65	.75	.69	.64	.73	.68	.63	.71	.66	.63	.61
5.0	.71	.63	.58	.70	.63	.57	.68	.62	.57	.66	.60	.56	.64	.59	.55	.53
6.0	.65	.57	.51	.64	.56	.51	.62	.55	.50	.60	.54	.50	.59	.53	.49	.47
7.0	.59	.51	.45	.58	.51	.45	.57	.50	.45	.55	.49	.44	.54	.48	.44	.42
8.0	.54	.46	.41	.53	.46	.41	.52	.45	.40	.51	.44	.40	.49	.44	.40	.38
9.0	.50	.42	.37	.49	.42	.37	.48	.41	.36	.47	.41	.36	.46	.40	.36	.34
10.0	.46	.38	.33	.45	.38	.33	.44	.38	.33	.43	.37	.33	.42	.37	.33	.31



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-03-10

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.100m [K=1.1728]
 Remarks:

WEC AND CCEC

Test:U:120.18V I:0.2194A P:26.068W PF:0.9888 Freq:59.97Hz Lamp Flux:3250x1 lm		
NAME: ASD-GNL-25D40-PC-BK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

r cc	80%			70%			50%			30%			10%			0
r w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.232	.132	.042	.225	.128	.041	.212	.121	.039	.199	.115	.037	.188	.109	.035	
2.0	.230	.126	.039	.223	.123	.038	.212	.118	.037	.201	.113	.035	.191	.108	.034	
3.0	.221	.118	.035	.216	.116	.035	.206	.111	.034	.196	.107	.033	.187	.104	.032	
4.0	.211	.110	.032	.206	.108	.032	.197	.105	.031	.189	.101	.031	.181	.098	.030	
5.0	.200	.102	.030	.196	.101	.029	.188	.098	.029	.180	.095	.028	.173	.093	.028	
6.0	.190	.095	.027	.186	.094	.027	.179	.092	.027	.172	.089	.026	.166	.087	.026	
7.0	.180	.089	.025	.176	.088	.025	.170	.086	.025	.164	.084	.024	.158	.082	.024	
8.0	.170	.083	.023	.167	.082	.023	.161	.081	.023	.156	.079	.023	.150	.077	.023	
9.0	.161	.078	.022	.158	.077	.022	.153	.076	.021	.148	.074	.021	.143	.073	.021	
10.0	.153	.073	.020	.151	.073	.020	.146	.071	.020	.141	.070	.020	.137	.069	.020	

r cc	80%			70%			50%			30%			10%			0
r w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0																
1.0	.183	.165	.149	.157	.142	.128	.107	.098	.089	.062	.056	.052	.020	.018	.017	
2.0	.172	.141	.114	.148	.121	.098	.101	.084	.069	.058	.049	.040	.019	.016	.013	
3.0	.163	.122	.089	.140	.105	.077	.096	.073	.054	.055	.043	.032	.018	.014	.010	
4.0	.156	.108	.072	.133	.093	.063	.092	.065	.044	.053	.038	.026	.017	.012	.009	
5.0	.149	.097	.060	.128	.084	.052	.088	.059	.037	.051	.035	.022	.016	.011	.007	
6.0	.142	.089	.050	.122	.077	.044	.084	.054	.031	.049	.032	.018	.016	.010	.006	
7.0	.136	.082	.044	.117	.071	.038	.081	.050	.027	.047	.029	.016	.015	.010	.005	
8.0	.130	.076	.038	.112	.066	.034	.078	.046	.024	.045	.027	.014	.015	.009	.005	
9.0	.125	.071	.034	.108	.062	.030	.075	.043	.021	.043	.026	.013	.014	.008	.004	
10.0	.120	.067	.031	.103	.058	.027	.072	.041	.019	.042	.024	.012	.014	.008	.004	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-03-10

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.100m [K=1.1728]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.18V I:0.2194A P:26.068W PF:0.9888 Freq:59.97Hz Lamp Flux:3250x1 lm										
NAME: ASD-GNL-25D40-PC-BK					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: ASD LIGHTNG 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	19.7	21.1	20.1	21.5	21.8	17.0	18.4	17.3	18.7	19.0
3H	19.6	20.8	20.0	21.2	21.6	16.8	18.1	17.2	18.4	18.8
4H	19.5	20.7	19.9	21.1	21.5	16.8	17.9	17.2	18.3	18.7
6H	19.5	20.5	19.9	20.9	21.3	16.7	17.8	17.1	18.1	18.6
8H	19.4	20.4	19.9	20.8	21.3	16.7	17.7	17.1	18.1	18.5
12H	19.4	20.3	19.8	20.7	21.2	16.6	17.6	17.1	18.0	18.4
4H 2H	19.6	20.7	20.0	21.1	21.5	16.8	17.9	17.2	18.3	18.7
3H	19.5	20.4	19.9	20.8	21.2	16.7	17.6	17.1	18.0	18.4
4H	19.4	20.2	19.8	20.6	21.1	16.6	17.4	17.0	17.9	18.3
6H	19.3	20.0	19.8	20.5	21.0	16.5	17.2	17.0	17.7	18.2
8H	19.3	19.9	19.7	20.4	20.9	16.5	17.1	17.0	17.6	18.1
12H	19.2	19.8	19.7	20.3	20.8	16.4	17.0	16.9	17.5	18.0
8H 4H	19.2	19.9	19.7	20.4	20.9	16.5	17.1	17.0	17.6	18.1
6H	19.1	19.7	19.7	20.2	20.7	16.4	16.9	16.9	17.4	17.9
8H	19.1	19.6	19.6	20.1	20.6	16.3	16.8	16.8	17.3	17.8
12H	19.0	19.5	19.6	20.0	20.6	16.3	16.7	16.8	17.2	17.8
12H 4H	19.2	19.8	19.7	20.3	20.8	16.4	17.0	16.9	17.5	18.0
6H	19.1	19.6	19.6	20.1	20.6	16.3	16.8	16.9	17.3	17.9
8H	19.0	19.5	19.6	20.0	20.6	16.3	16.7	16.8	17.2	17.8
CIE190: 2010										

CIE190: 2010
Area: 0.1 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-03-10

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
Humidity:65.0%
Test Distance:8.100m [K=1.1728]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.18V I:0.2194A P:26.068W PF:0.9888 Freq:59.97Hz Lamp Flux:3250x1 lm		
NAME: ASD-GNL-25D40-PC-BK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

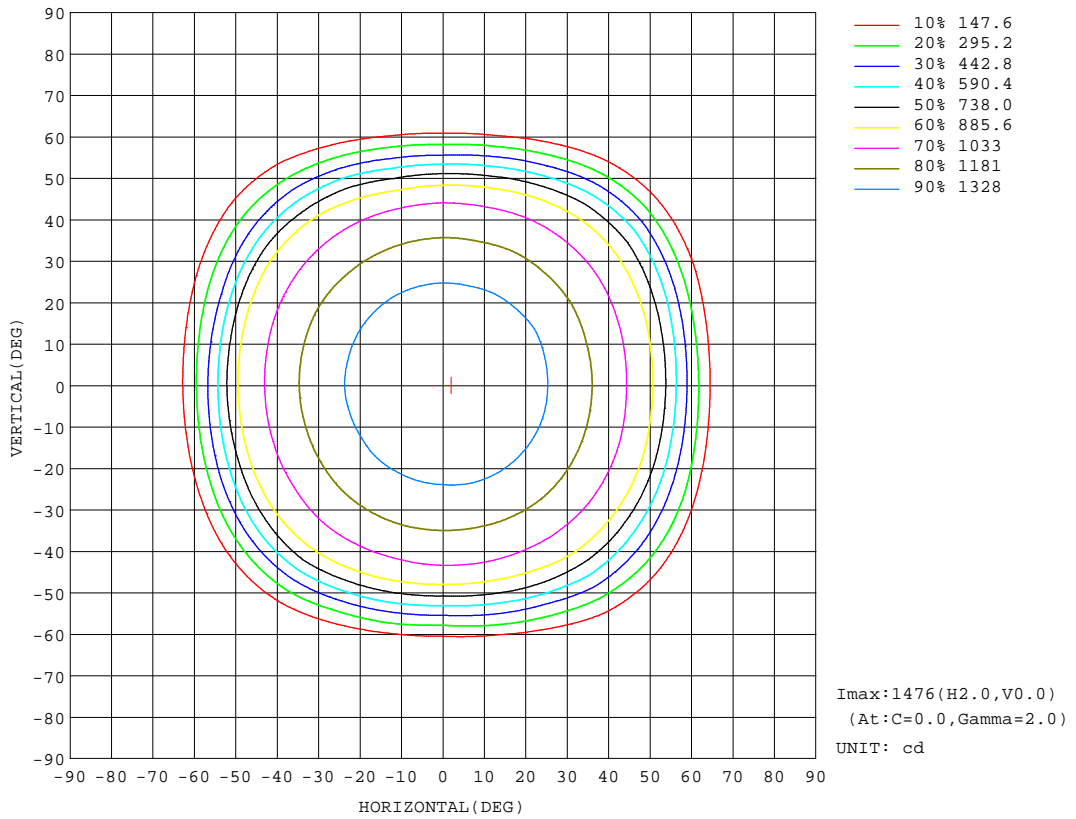
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	64	54	47	64	53	47	62	53	47	41
0.80	76	65	59	75	65	59	73	64	58	52
1.00	85	76	70	84	75	69	82	76	69	63
1.25	92	83	78	91	83	77	88	81	77	70
1.50	96	89	83	95	88	83	92	86	82	75
2.00	102	96	91	101	95	90	97	92	89	82
2.50	105	99	95	103	98	94	99	95	92	84
3.00	108	102	98	106	101	97	102	98	95	87
4.00	110	106	102	108	104	101	104	101	98	90
5.00	112	108	105	110	106	103	105	102	100	91
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: 2021-03-10

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.100m [K=1.1728]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.18V I:0.2194A P:26.068W PF:0.9888 Freq:59.97Hz Lamp Flux:3250x1 lm		
NAME: ASD-GNL-25D40-PC-BK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

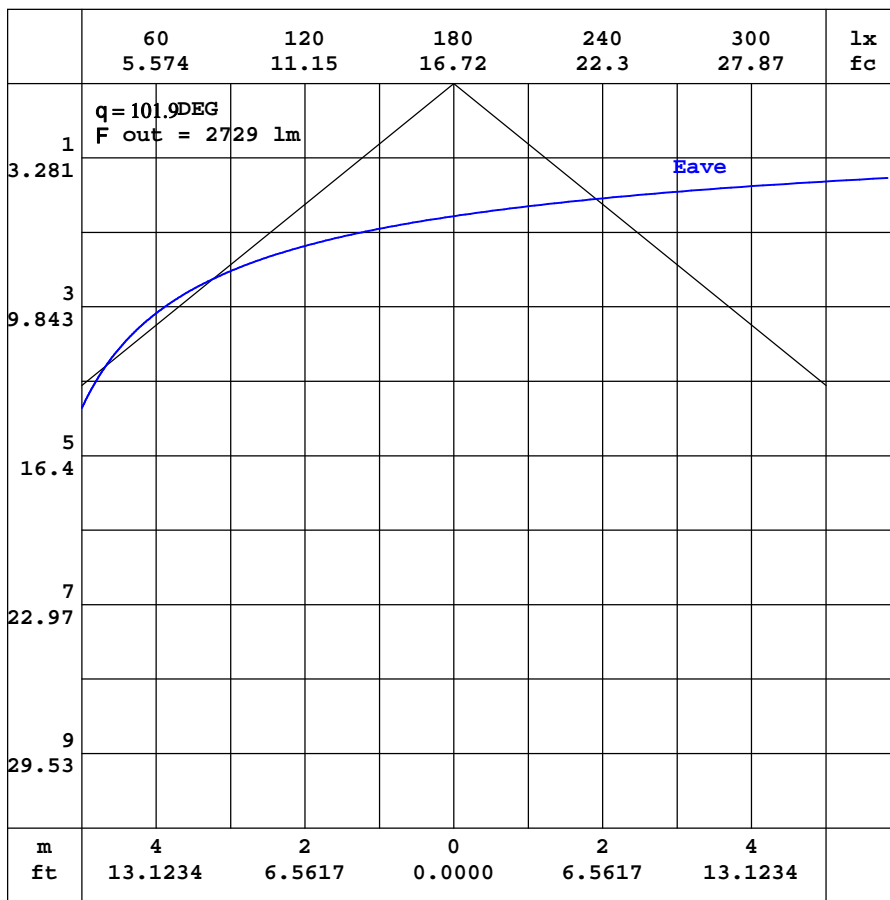


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-03-10

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.100m [K=1.1728]
 Remarks:

AAI CURVES

Test:U:120.18V I:0.2194A P:26.068W PF:0.9888 Freq:59.97Hz Lamp Flux:3250x1 lm		
NAME: ASD-GNL-25D40-PC-BK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:



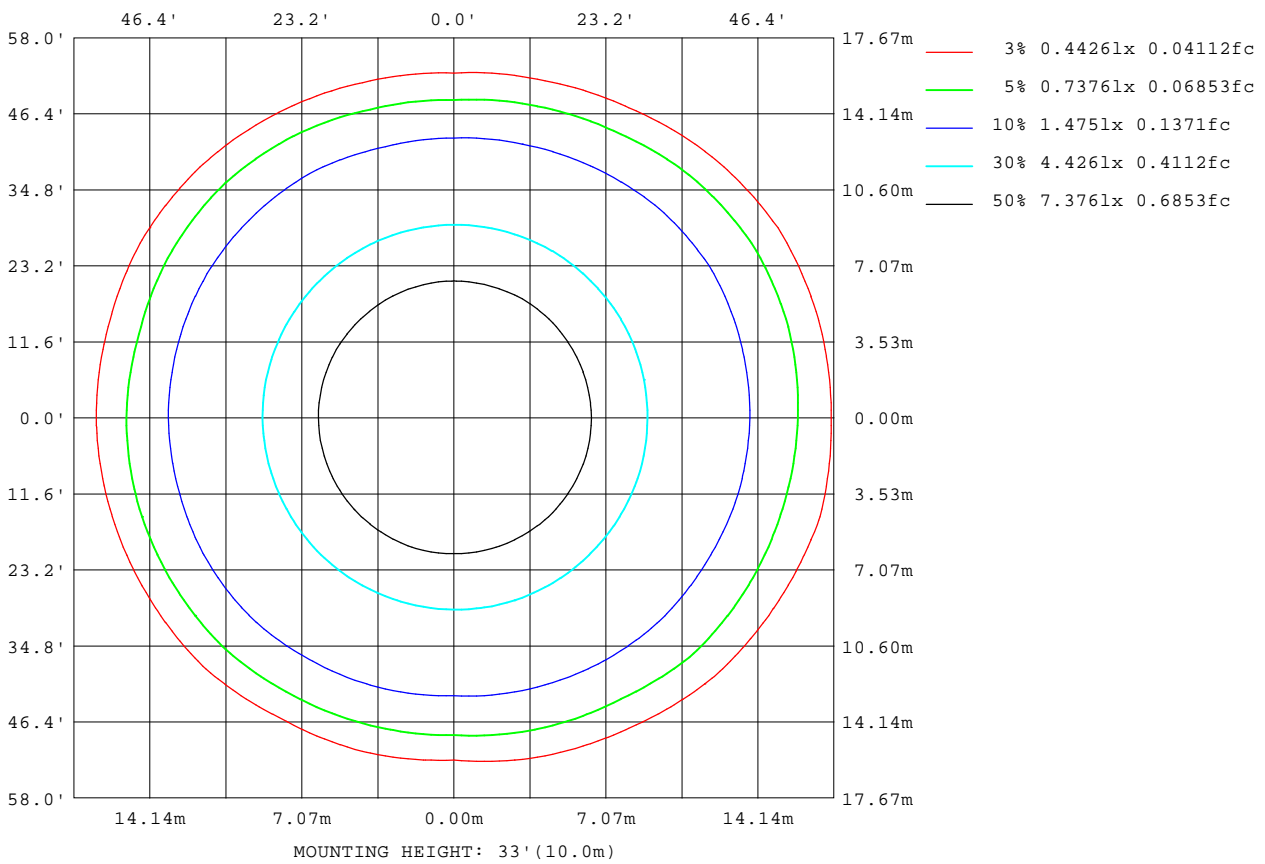
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-03-10

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.100m [K=1.1728]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.18V I:0.2194A P:26.068W PF:0.9888 Freq:59.97Hz Lamp Flux:3250x1 lm		
NAME: ASD-GNL-25D40-PC-BK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-03-10

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.100m [K=1.1728]
 Remarks:

LED Avg.L Report

Test:U:120.18V I:0.2194A P:26.068W PF:0.9888 Freq:59.97Hz Lamp Flux:3250x1 lm		
NAME: ASD-GNL-25D40-PC-BK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

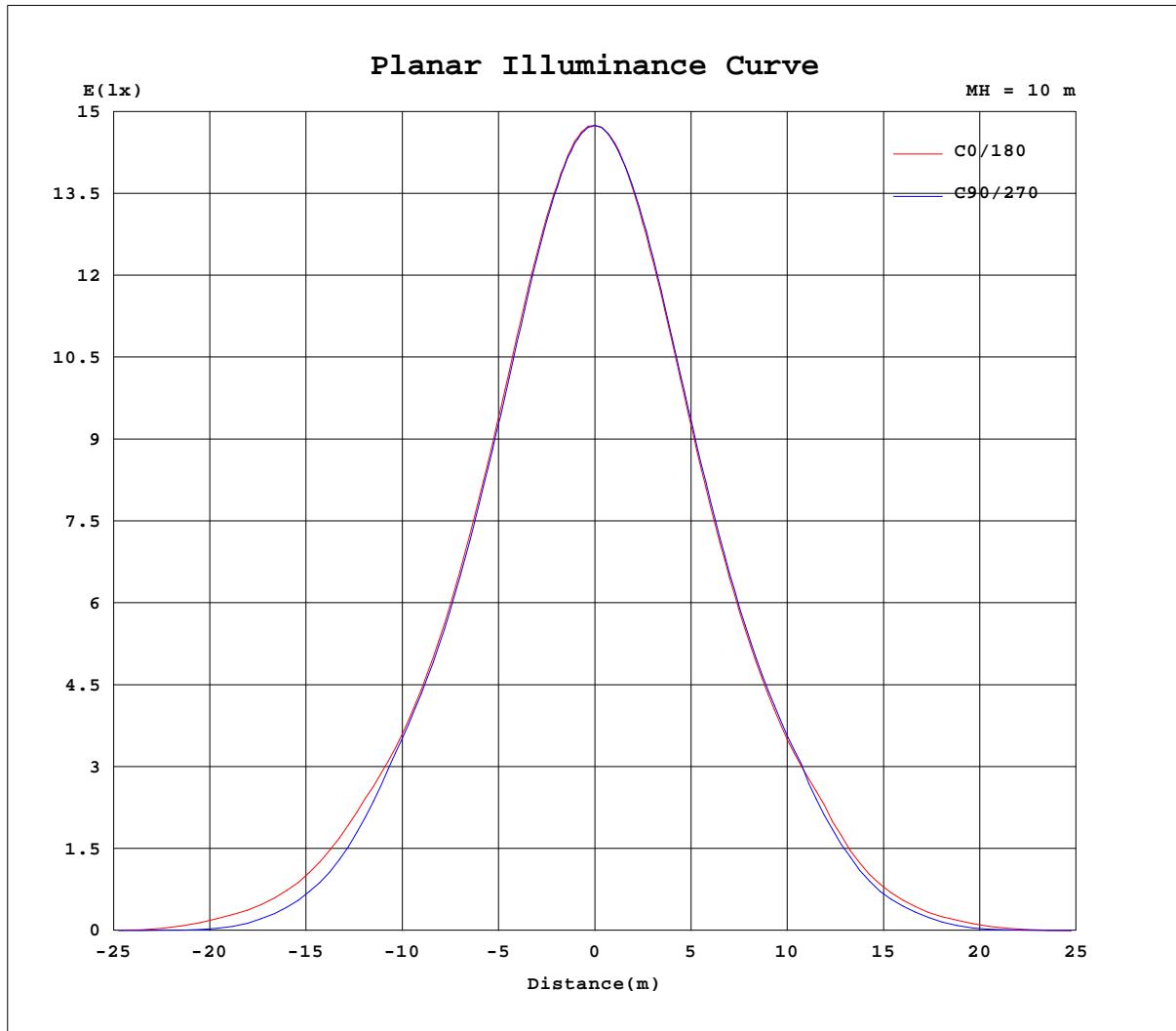
AvgL	cd/m2
L_0~180(65)av	2065
L_0~180(75)av	153
L_0~180(85)av	208
L_90~270(65)av	382
L_90~270(75)av	176
L_90~270(85)av	183
L_45(65)av	1341
L_45(75)av	163
L_45(85)av	200

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-03-10

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.100m [K=1.1728]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-03-10

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.100m [K=1.1728]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.18V I:0.2194A P:26.068W PF:0.9888 Freq:59.97Hz Lamp Flux:3250x1 lm		
NAME: ASD-GNL-25D40-PC-BK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEG) g (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1475	1475	1474	1474	1475	1474	1474	1475	1475	1475	1475	1474	1475	1475	1474	1474	1475	1474	1474
5	1470	1471	1473	1471	1470	1470	1467	1469	1468	1468	1469	1467	1468	1470	1469	1470	1469	1467	1467
10	1453	1452	1452	1453	1451	1448	1448	1447	1445	1445	1443	1446	1446	1447	1448	1446	1446	1449	1449
15	1424	1420	1423	1423	1418	1418	1416	1416	1414	1414	1410	1410	1413	1414	1414	1415	1416	1416	1422
20	1385	1384	1380	1382	1380	1376	1371	1366	1362	1363	1363	1366	1369	1369	1372	1372	1373	1375	1377
25	1332	1331	1329	1326	1324	1321	1315	1314	1313	1311	1309	1310	1314	1314	1316	1318	1322	1323	1326
30	1269	1269	1267	1263	1256	1256	1254	1255	1248	1247	1246	1247	1248	1250	1252	1252	1258	1259	1263
35	1199	1196	1192	1191	1186	1182	1181	1179	1176	1174	1170	1173	1176	1178	1181	1178	1182	1188	1191
40	1114	1113	1108	1105	1102	1102	1094	1092	1087	1086	1084	1085	1092	1094	1094	1096	1100	1105	1109
45	1020	1022	1013	1011	1003	1001	996	993	990	989	986	990	991	997	999	1001	1005	1007	1011
50	912	910	881	859	833	806	780	794	811	836	827	841	868	870	875	851	825	794	796
55	667	648	619	608	546	507	468	483	500	536	551	548	543	542	545	550	530	482	481
60	381	388	353	321	255	209	174	186	204	239	248	257	269	287	283	261	240	204	194
65	119	109	89.0	68.1	35.0	17.7	15.0	15.6	17.3	30.7	36.9	45.1	55.8	60.5	65.4	61.7	37.4	18.5	17.3
70	8.43	8.00	6.98	6.44	5.54	5.50	5.49	5.38	5.16	4.98	4.78	4.79	5.06	5.20	5.52	5.56	5.43	5.25	5.33
75	4.10	4.15	4.21	4.33	4.48	4.60	4.57	4.48	4.30	4.09	3.93	3.83	3.82	3.87	3.99	4.14	4.33	4.45	4.52
80	3.22	3.22	3.20	3.20	3.20	3.22	3.18	3.13	3.03	2.97	2.89	2.89	2.90	2.92	3.03	3.10	3.20	3.24	3.28
85	1.96	1.94	1.85	1.78	1.67	1.60	1.48	1.52	1.56	1.63	1.66	1.73	1.67	1.72	1.77	1.74	1.74	1.68	1.70
90	0.56	0.59	0.61	0.59	0.50	0.43	0.42	0.46	0.55	0.62	0.68	0.69	0.50	0.52	0.53	0.50	0.46	0.35	0.29
95	0.97	0.98	0.99	0.94	0.91	0.86	0.86	0.90	1.00	1.06	1.16	1.17	0.96	0.95	0.90	0.84	0.76	0.70	0.64
100	1.57	1.56	1.58	1.53	1.52	1.45	1.48	1.51	1.61	1.68	1.78	1.80	1.55	1.53	1.47	1.40	1.30	1.24	1.18
105	2.24	2.24	2.26	2.20	2.17	2.15	2.17	2.19	2.29	2.37	2.47	2.50	2.23	2.20	2.14	2.08	1.96	1.90	1.83
110	3.03	3.03	3.04	2.99	2.96	2.92	2.94	2.97	3.08	3.17	3.28	3.31	3.01	2.98	2.90	2.82	2.69	2.63	2.56
115	3.88	3.86	3.87	3.83	3.82	3.77	3.80	3.83	3.93	3.99	4.10	4.14	3.82	3.79	3.69	3.61	3.52	3.45	3.39
120	4.70	4.68	4.69	4.64	4.63	4.63	4.64	4.66	4.74	4.80	4.90	4.94	4.61	4.56	4.47	4.41	4.31	4.25	4.22
125	5.49	5.48	5.47	5.43	5.43	5.39	5.44	5.44	5.51	5.56	5.64	5.69	5.36	5.31	5.22	5.16	5.07	5.02	4.99
130	6.25	6.21	6.20	6.16	6.17	6.15	6.19	6.17	6.22	6.28	6.38	6.42	6.09	6.02	5.91	5.86	5.78	5.73	5.72
135	6.93	6.91	6.92	6.87	6.89	6.89	6.94	6.87	6.91	6.95	7.05	7.11	6.74	6.67	6.58	6.50	6.42	6.41	6.44
140	7.57	7.57	7.54	7.54	7.55	7.53	7.60	7.50	7.52	7.55	7.66	7.74	7.31	7.28	7.18	7.09	7.01	7.00	7.06
145	8.21	8.20	8.17	8.18	8.19	8.14	8.19	8.09	8.13	8.23	8.32	8.42	7.94	7.90	7.81	7.73	7.62	7.60	7.65
150	8.92	8.89	8.89	8.86	8.86	8.85	8.87	8.81	8.90	8.99	9.07	9.13	8.68	8.66	8.59	8.51	8.37	8.33	8.34
155	9.68	9.65	9.72	9.63	9.64	9.66	9.67	9.63	9.67	9.72	9.84	9.84	9.46	9.44	9.40	9.32	9.22	9.19	9.19
160	10.3	10.3	10.4	10.3	10.3	10.3	10.3	10.3	10.3	10.4	10.4	10.4	10.1	10.1	10.1	10.1	10.0	9.97	9.98
165	10.8	10.8	10.8	10.9	10.9	10.9	10.9	10.8	10.8	10.8	10.8	10.8	10.6	10.7	10.7	10.6	10.6	10.7	10.7
170	11.2	11.2	11.2	11.2	11.3	11.3	11.2	11.2	11.2	11.2	11.2	11.2	11.0	11.1	11.1	11.1	11.0	11.1	11.1
175	11.5	11.4	11.5	11.5	11.5	11.5	11.4	11.4	11.5	11.5	11.5	11.5	11.4	11.4	11.4	11.4	11.4	11.4	11.4
180	11.6	11.6	11.6	11.7	11.6	11.6	11.6	11.6	11.6	11.7	11.7	11.6	11.6	11.6	11.6	11.7	11.6	11.6	11.6

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-03-10

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.100m [K=1.1728]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.18V I:0.2194A P:26.068W PF:0.9888 Freq:59.97Hz Lamp Flux:3250x1 lm		
NAME: ASD-GNL-25D40-PC-BK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) g (DEG)	285	300	315	330	345														
0	1475	1475	1475	1475	1474														
5	1466	1465	1467	1469	1470														
10	1451	1452	1454	1454	1452														
15	1421	1425	1427	1427	1430														
20	1380	1385	1385	1388	1387														
25	1325	1331	1333	1337	1333														
30	1261	1264	1264	1266	1270														
35	1192	1197	1197	1198	1193														
40	1110	1114	1112	1119	1117														
45	1014	1021	1023	1025	1022														
50	820	858	892	913	913														
55	506	564	642	688	684														
60	210	259	322	376	384														
65	19.5	31.8	66.1	102	126														
70	5.29	5.88	7.18	8.77	9.15														
75	4.49	4.42	4.28	4.16	4.10														
80	3.29	3.29	3.22	3.21	3.18														
85	1.72	1.81	1.83	1.87	1.90														
90	0.33	0.39	0.47	0.58	0.54														
95	0.64	0.66	0.72	0.73	0.75														
100	1.17	1.20	1.24	1.27	1.29														
105	1.83	1.84	1.90	1.91	1.96														
110	2.56	2.57	2.62	2.65	2.69														
115	3.40	3.39	3.45	3.46	3.51														
120	4.20	4.21	4.25	4.28	4.32														
125	4.98	4.97	5.02	5.04	5.09														
130	5.71	5.71	5.74	5.76	5.82														
135	6.41	6.40	6.43	6.45	6.52														
140	7.04	7.04	7.06	7.08	7.14														
145	7.65	7.64	7.68	7.67	7.75														
150	8.36	8.35	8.41	8.42	8.47														
155	9.21	9.17	9.23	9.26	9.31														
160	10.0	10.0	10.0	10.0	10.1														
165	10.7	10.7	10.7	10.6	10.7														
170	11.2	11.2	11.2	11.1	11.1														
175	11.4	11.5	11.5	11.4	11.4														
180	11.6	11.6	11.7	11.7	11.6														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-03-10

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.100m [K=1.1728]
 Remarks: