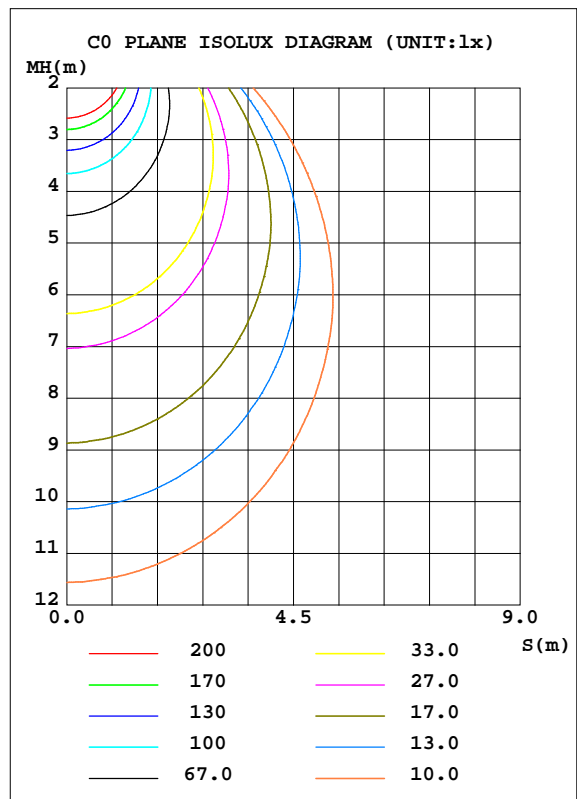
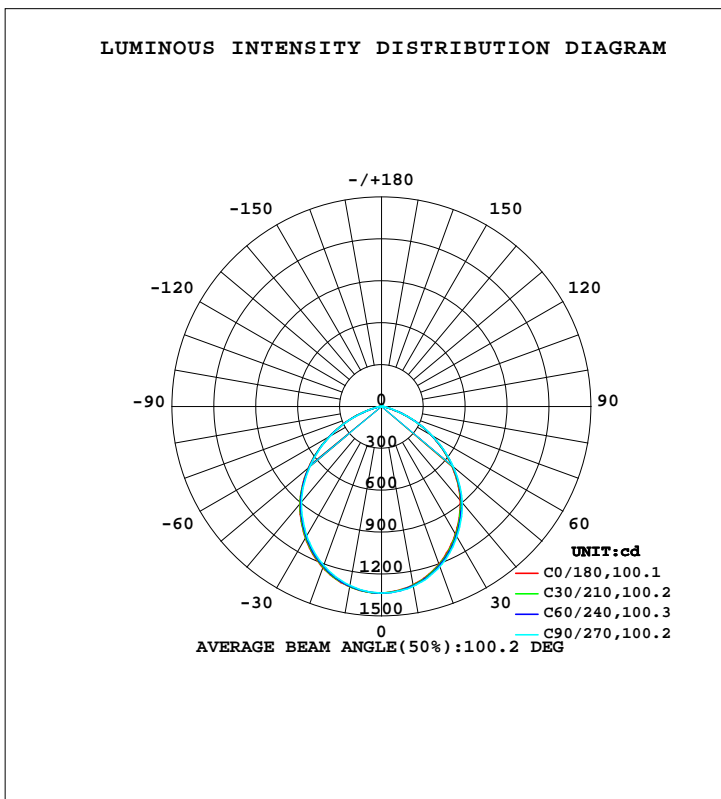


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.2*0.2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
ASD EDL7-10DA40AC(40W 3500K)		Eff: 84.16 lm/W			
NOMINAL POWER(W)	40	Imax(cd)	1337	S/MH(C0/180)	1.22
RATED VOLTAGE(V)	100-277	LOR(%)	100.0	S/MH(C90/270)	1.20
NOMINAL FLUX(lm)	3157.61	TOTAL FLUX(lm)	3157.6	h UP, DN(C0-180)	0.5, 49.5
LAMPS INSIDE	1	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.4, 49.6
TEST VOLTAGE(V)	120.0	h up(%)	0.9	CIBSE SHR NOM	1.25
		h down(%)	99.1	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-06-17

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

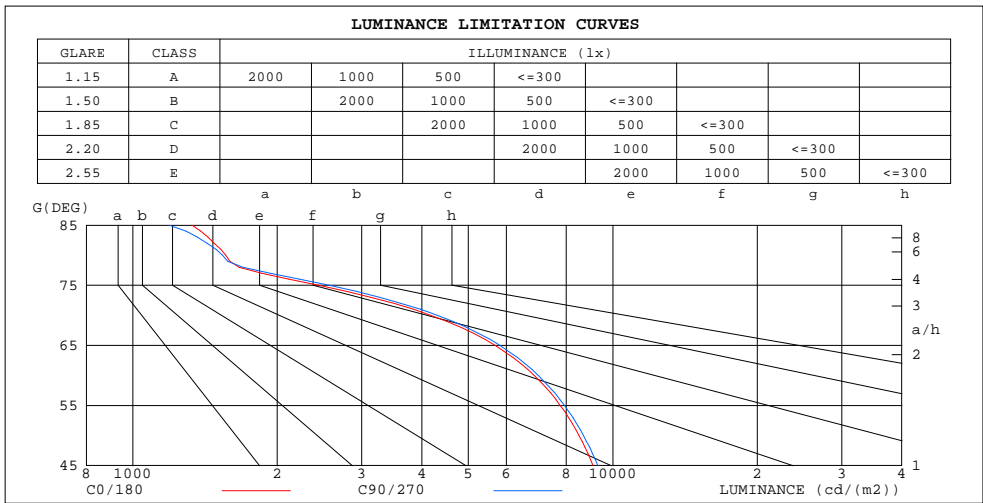
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	1297	1302	1307	1312	1311	1308	1302	1298	0- 10	126.0	126.0	3.99,3.99
20	1202	1211	1220	1228	1229	1221	1212	1203	10- 20	357.2	483.2	15.3,15.3
30	1057	1069	1078	1087	1090	1081	1071	1060	20- 30	529.8	1013	32.1,32.1
40	878.1	890.5	899.1	908.6	910.0	903.0	893.1	881.8	30- 40	617.6	1631	51.6,51.6
50	655.3	665.6	669.9	678.6	682.5	677.4	670.4	658.4	40- 50	605.8	2236	70.8,70.8
60	410.7	418.4	419.9	426.7	431.4	428.4	425.3	414.2	50- 60	488.2	2725	86.3,86.3
70	170.9	176.1	176.7	182.2	185.9	183.2	181.6	174.3	60- 70	294.6	3019	95.6,95.6
80	32.50	32.51	32.05	33.59	33.84	33.03	32.88	32.85	70- 80	93.62	3113	98.6,98.6
90	1.031	1.014	1.004	0.9787	0.9303	0.8411	0.8340	0.8650	80- 90	15.87	3129	99.1,99.1
100	1.955	1.942	1.917	1.876	1.660	1.688	1.699	1.730	90-100	1.457	3130	99.1,99.1
110	3.196	3.167	3.129	3.084	2.821	2.845	2.866	2.911	100-110	2.521	3133	99.2,99.2
120	4.549	4.478	4.457	4.378	4.111	4.106	4.145	4.178	110-120	3.610	3136	99.3,99.3
130	5.853	5.802	5.763	5.668	5.398	5.385	5.429	5.471	120-130	4.427	3141	99.5,99.5
140	7.014	6.969	6.948	6.848	6.562	6.511	6.591	6.607	130-140	4.764	3146	99.6,99.6
150	8.111	8.076	8.070	7.998	7.722	7.719	7.730	7.766	140-150	4.584	3150	99.8,99.8
160	9.114	9.139	9.097	9.102	8.851	8.872	8.869	8.938	150-160	3.897	3154	99.9,99.9
170	9.933	9.976	9.912	9.927	9.835	9.863	9.824	9.845	160-170	2.671	3157	100,100
180	10.29	10.34	10.26	10.35	10.30	10.34	10.26	10.35	170-180	0.9608	3158	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-06-17

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.2*0.2	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1330	1194
80	1562	1538
75	2436	2563
70	4170	4306
65	5690	5818
60	6856	6999
55	7771	7936
50	8509	8685
45	9104	9306

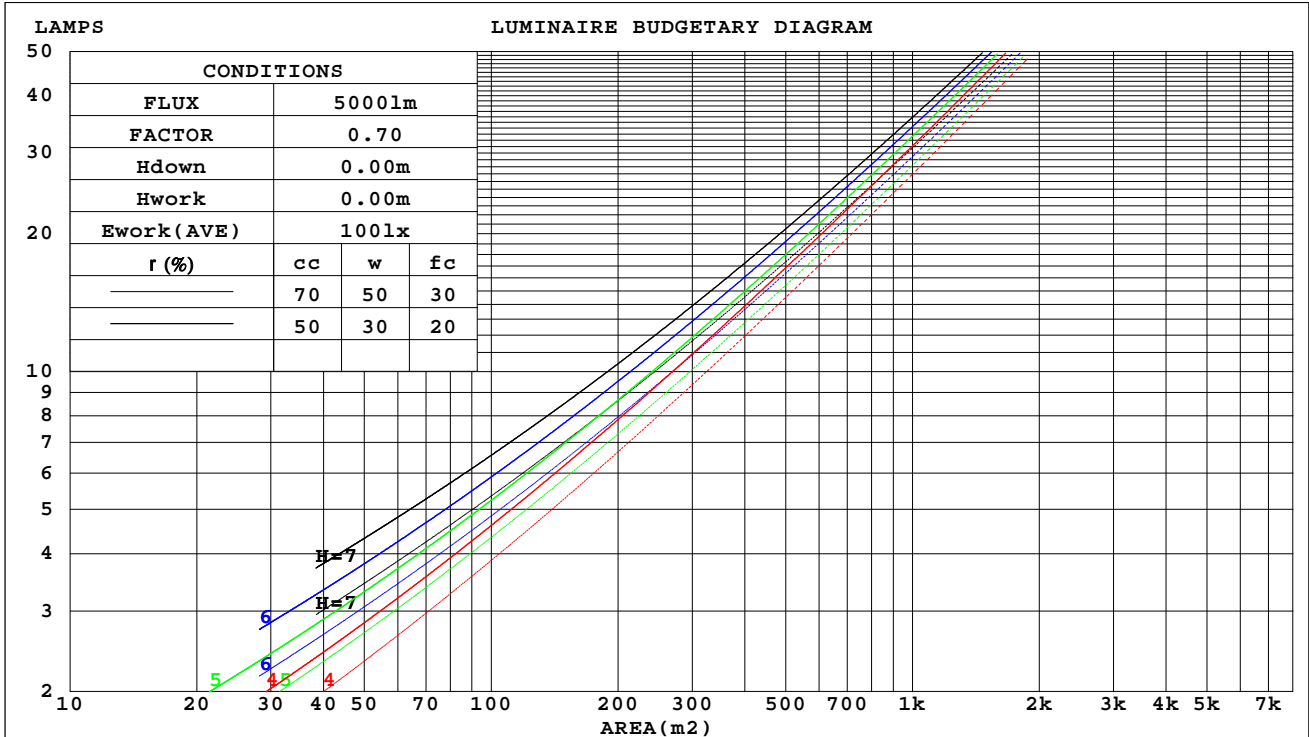
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-06-17

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.2*0.2	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	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.06	1.02	.99	1.04	1.00	.97	.99	.97	.94	.95	.93	.91	.92	.90	.88	.86
2.0	.94	.88	.83	.92	.86	.82	.88	.84	.80	.85	.81	.78	.82	.79	.76	.74
3.0	.83	.76	.70	.82	.75	.69	.79	.73	.68	.76	.71	.67	.73	.69	.65	.63
4.0	.74	.66	.60	.73	.65	.60	.70	.64	.59	.68	.62	.58	.66	.61	.57	.55
5.0	.67	.58	.52	.66	.58	.52	.64	.57	.51	.61	.55	.51	.60	.54	.50	.48
6.0	.60	.52	.46	.59	.51	.46	.58	.51	.45	.56	.50	.45	.54	.49	.44	.42
7.0	.55	.47	.41	.54	.46	.41	.53	.45	.40	.51	.45	.40	.50	.44	.40	.38
8.0	.50	.42	.37	.50	.42	.36	.48	.41	.36	.47	.41	.36	.46	.40	.36	.34
9.0	.46	.38	.33	.46	.38	.33	.44	.38	.33	.43	.37	.33	.42	.37	.32	.31
10.0	.43	.35	.30	.42	.35	.30	.41	.34	.30	.40	.34	.30	.39	.34	.29	.28



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-06-17

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

WEC AND CCEC

NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.2*0.2	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	.265	.151	.048	.258	.147	.047	.244	.140	.045	.232	.134	.043	.220	.128	.041	
2.0	.257	.141	.043	.251	.138	.043	.239	.133	.041	.228	.128	.040	.218	.123	.039	
3.0	.243	.130	.039	.238	.127	.038	.227	.123	.037	.218	.119	.037	.209	.116	.036	
4.0	.228	.119	.035	.223	.117	.035	.214	.114	.034	.206	.110	.033	.198	.107	.033	
5.0	.214	.109	.032	.209	.107	.031	.201	.105	.031	.193	.102	.030	.186	.100	.030	
6.0	.200	.100	.029	.196	.099	.029	.189	.097	.028	.182	.095	.028	.176	.092	.027	
7.0	.188	.093	.026	.184	.092	.026	.178	.090	.026	.171	.088	.026	.166	.086	.025	
8.0	.176	.086	.024	.173	.085	.024	.167	.084	.024	.162	.082	.024	.157	.080	.023	
9.0	.166	.080	.022	.163	.080	.022	.158	.078	.022	.153	.077	.022	.148	.075	.022	
10.0	.157	.075	.021	.154	.075	.021	.150	.073	.021	.145	.072	.020	.141	.071	.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	.197	.197	.197	.169	.169	.169	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.184	.164	.145	.158	.140	.125	.108	.097	.086	.062	.056	.050	.020	.018	.016	
2.0	.175	.139	.109	.150	.120	.094	.103	.083	.066	.059	.048	.039	.019	.016	.013	
3.0	.166	.121	.085	.143	.105	.074	.098	.073	.052	.057	.042	.031	.018	.014	.010	
4.0	.159	.108	.069	.136	.093	.060	.094	.065	.042	.054	.038	.025	.017	.012	.008	
5.0	.152	.097	.057	.130	.084	.049	.090	.059	.035	.052	.034	.021	.017	.011	.007	
6.0	.145	.089	.048	.125	.077	.042	.086	.054	.030	.050	.032	.018	.016	.010	.006	
7.0	.138	.082	.042	.119	.071	.037	.082	.050	.026	.048	.029	.015	.015	.010	.005	
8.0	.132	.076	.037	.114	.066	.032	.079	.046	.023	.046	.027	.014	.015	.009	.005	
9.0	.127	.071	.033	.109	.062	.029	.076	.043	.021	.044	.026	.012	.014	.008	.004	
10.0	.121	.067	.030	.105	.058	.027	.073	.041	.019	.042	.024	.011	.014	.008	.004	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-06-17

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

NAME: LED DOWNLIGHT		TYPE:					WEIGHT:				
SPEC.:		DIM.:					SERIAL No.:				
MFR.: ASD LIGHTING CORP		SUR.: 0.2*0.2					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	15.7	17.1	16.0	17.3	17.6	15.8	17.2	16.1	17.4	17.6	
3H	16.4	17.7	16.7	18.0	18.2	16.5	17.8	16.8	18.1	18.3	
4H	16.5	17.7	16.8	18.0	18.3	16.6	17.9	17.0	18.1	18.4	
6H	16.5	17.6	16.8	17.9	18.2	16.6	17.7	16.9	18.0	18.3	
8H	16.5	17.6	16.8	17.9	18.2	16.6	17.7	16.9	18.0	18.3	
12H	16.4	17.5	16.8	17.8	18.1	16.5	17.6	16.9	17.9	18.2	
4H 2H	16.1	17.3	16.4	17.6	17.8	16.2	17.4	16.5	17.7	17.9	
3H	16.9	18.0	17.3	18.3	18.6	17.0	18.1	17.4	18.4	18.7	
4H	17.0	18.0	17.4	18.3	18.7	17.1	18.1	17.5	18.4	18.8	
6H	17.0	17.9	17.4	18.2	18.6	17.1	18.0	17.5	18.3	18.7	
8H	17.0	17.8	17.4	18.2	18.6	17.1	17.9	17.5	18.3	18.7	
12H	17.0	17.7	17.4	18.1	18.5	17.1	17.8	17.5	18.2	18.6	
8H 4H	17.0	17.8	17.4	18.2	18.6	17.1	17.9	17.5	18.3	18.7	
6H	17.1	17.7	17.5	18.1	18.6	17.1	17.8	17.6	18.2	18.6	
8H	17.1	17.6	17.5	18.1	18.5	17.2	17.7	17.6	18.2	18.6	
12H	17.1	17.5	17.6	18.0	18.5	17.1	17.6	17.6	18.1	18.6	
12H 4H	17.0	17.7	17.4	18.1	18.5	17.1	17.8	17.5	18.2	18.6	
6H	17.0	17.6	17.5	18.0	18.5	17.1	17.7	17.6	18.1	18.6	
8H	17.0	17.5	17.5	18.0	18.5	17.1	17.6	17.6	18.1	18.6	
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.4 / - 0.5					+ 0.4 / - 0.5					
1.5H	+ 0.2 / - 0.5					+ 0.2 / - 0.5					
2.0H	+ 0.7 / - 0.7					+ 0.7 / - 0.7					

CIE Pub.117, 3158 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 4.0)
 Area: 0.12 m2

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-06-17

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.2*0.2	Shielding Angle:

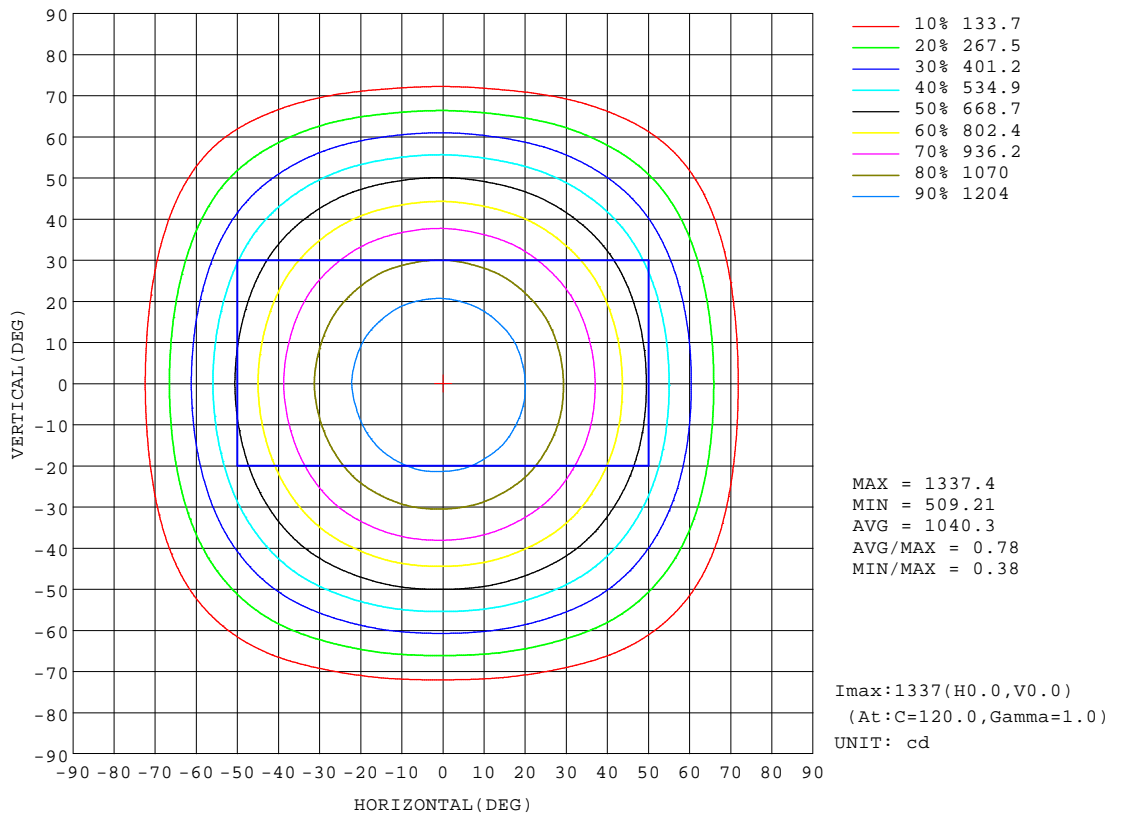
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	61	50	44	60	50	44	59	49	43	37
0.80	72	61	54	71	60	54	69	60	53	47
1.00	80	70	63	79	69	63	77	70	62	56
1.25	87	78	71	86	77	71	83	75	70	63
1.50	92	83	77	90	82	76	87	80	75	68
2.00	98	91	85	96	89	84	93	87	83	75
2.50	102	95	90	100	93	89	96	91	87	79
3.00	105	99	94	102	97	93	98	94	90	82
4.00	108	103	99	106	101	98	101	98	95	86
5.00	110	106	102	108	104	101	103	100	98	89
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: 2021-06-17

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.2*0.2	Shielding Angle:



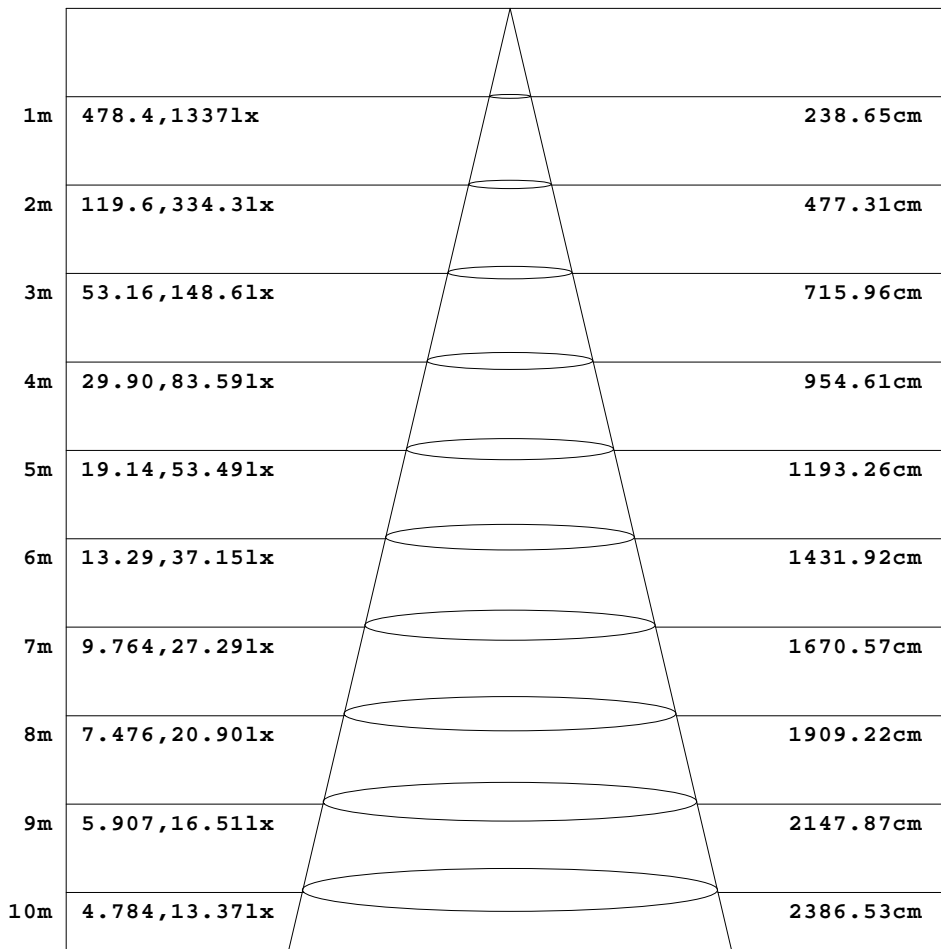
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-06-17

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

AAI Figure

NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.2*0.2	Shielding Angle:

Flux out:2292 lm



Height Eavg, Emax Angle:100.07deg Diameter

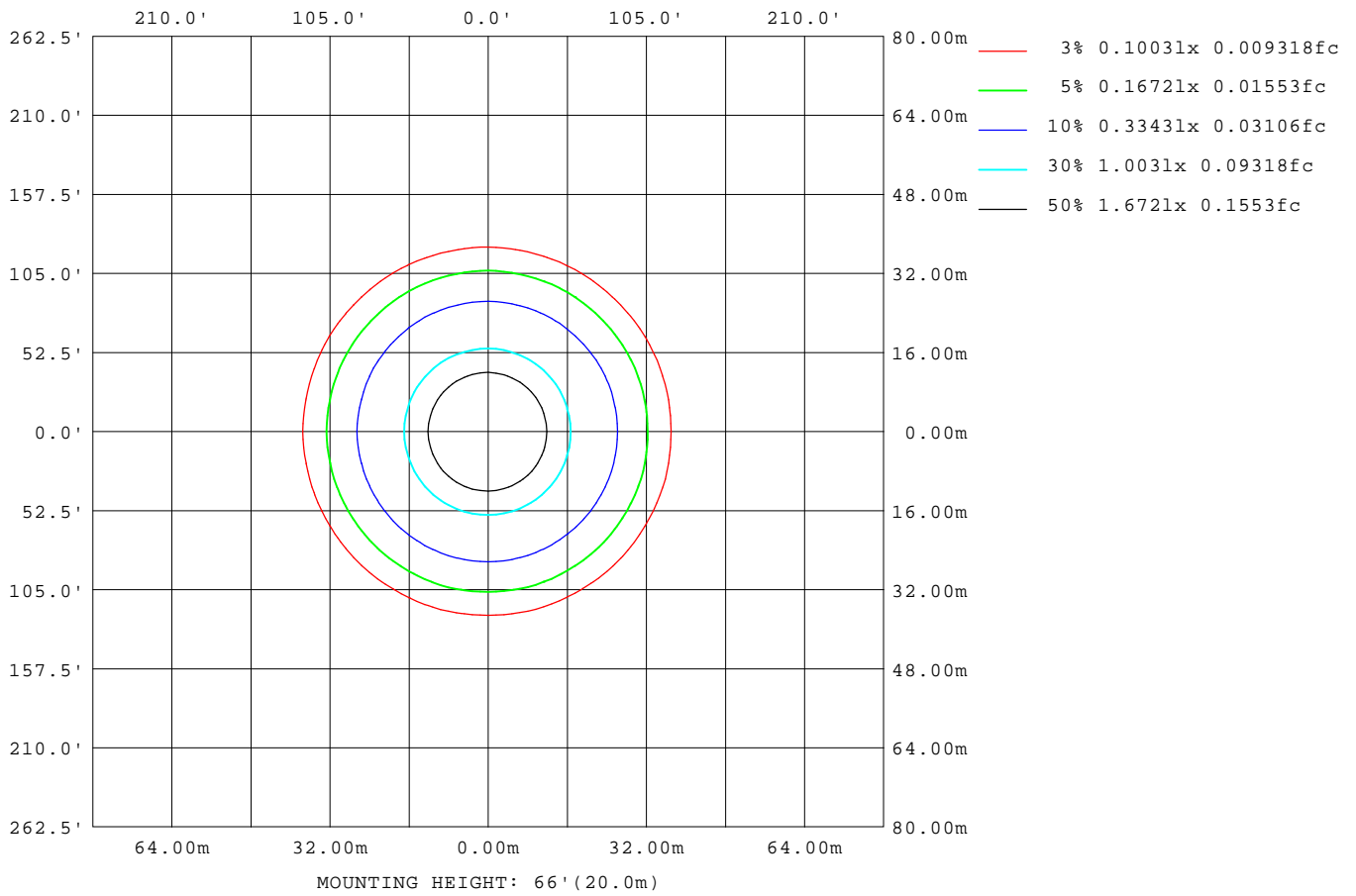
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-06-17

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.2*0.2	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-06-17

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

LED Avg.L Report

NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.2*0.2	Shielding Angle:

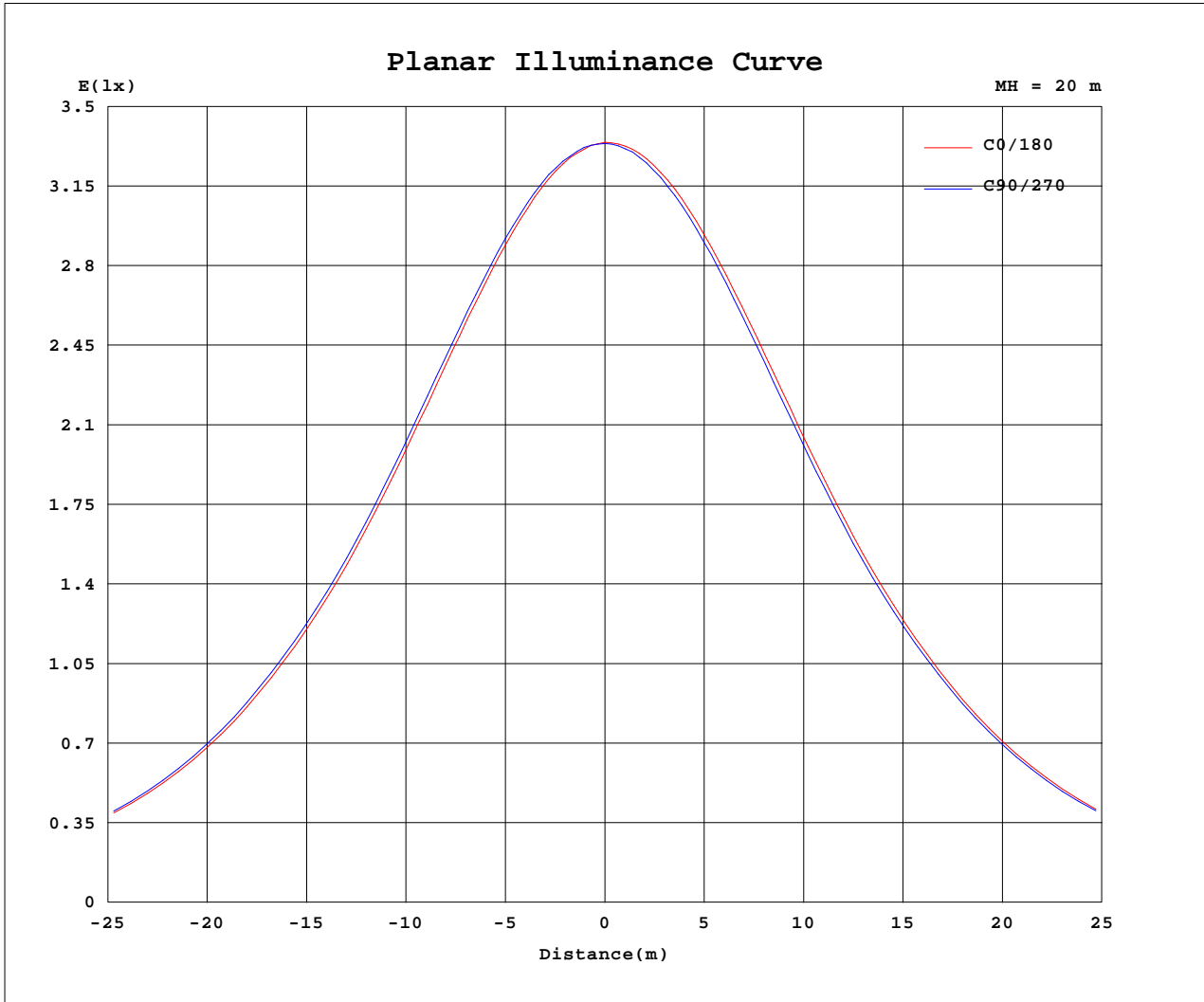
AvgL	cd/m2
L_0~180(65)av	5856
L_0~180(75)av	2582
L_0~180(85)av	1396
L_90~270(65)av	5877
L_90~270(75)av	2593
L_90~270(85)av	1197
L_45(65)av	5864
L_45(75)av	2581
L_45(85)av	1319

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-06-17

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-06-17

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.2*0.2	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	1335	1335	1335	1335	1335	1335	1335	1335	1335	1335	1335	1335	1335	1335	1335	1335	1335	1335	1335
5	1323	1326	1325	1327	1328	1328	1328	1329	1331	1330	1330	1330	1330	1331	1330	1330	1328	1326	1326
10	1297	1300	1300	1302	1304	1306	1307	1310	1312	1312	1312	1311	1311	1312	1310	1308	1307	1303	1302
15	1256	1260	1260	1265	1267	1269	1271	1273	1275	1277	1277	1275	1277	1276	1274	1272	1269	1265	1264
20	1202	1206	1207	1211	1213	1218	1220	1224	1226	1228	1227	1227	1229	1227	1225	1221	1218	1213	1212
25	1135	1139	1141	1145	1148	1153	1156	1160	1162	1166	1163	1163	1166	1163	1161	1158	1154	1148	1147
30	1057	1062	1062	1069	1071	1076	1078	1084	1086	1087	1087	1088	1090	1086	1086	1081	1078	1071	1071
35	970	975	976	982	984	989	992	997	999	1002	1001	1000	1003	1000	999	995	992	986	984
40	878	883	884	891	892	898	899	905	906	909	906	907	910	907	908	903	901	894	893
45	771	776	776	782	783	788	790	795	795	798	796	798	801	799	799	794	794	787	785
50	655	660	660	666	666	670	670	675	675	679	677	679	682	680	681	677	677	671	670
55	534	539	538	543	542	547	546	550	550	553	552	554	558	556	558	555	555	550	550
60	411	415	414	418	417	421	420	424	423	427	425	427	431	429	432	428	430	425	425
65	288	292	290	294	292	297	295	299	298	301	299	302	306	304	307	303	305	300	301
70	171	174	172	176	174	178	177	181	179	182	180	183	186	184	187	183	185	181	182
75	75.5	77.2	76.0	78.1	77.6	80.1	79.6	82.0	81.2	82.9	81.5	82.8	84.9	83.1	84.9	82.4	83.5	80.4	81.4
80	32.5	32.7	32.3	32.5	32.0	32.3	32.1	32.8	32.9	33.6	33.4	33.6	33.8	33.4	33.6	33.0	33.2	32.6	32.9
85	13.9	14.2	13.5	13.5	12.6	12.8	12.5	13.3	13.5	14.6	14.7	15.2	15.3	14.9	14.8	13.9	13.5	12.5	12.6
90	1.03	1.00	1.03	1.01	1.01	0.99	1.00	0.98	1.00	0.98	1.01	1.02	0.93	0.87	0.85	0.84	0.83	0.84	0.83
95	1.45	1.43	1.45	1.43	1.44	1.42	1.42	1.41	1.40	1.39	1.40	1.39	1.21	1.22	1.21	1.22	1.22	1.23	1.22
100	1.95	1.95	1.96	1.94	1.94	1.92	1.92	1.90	1.90	1.88	1.88	1.87	1.66	1.67	1.67	1.69	1.68	1.69	1.70
105	2.55	2.54	2.55	2.53	2.53	2.50	2.50	2.48	2.48	2.46	2.46	2.45	2.22	2.23	2.22	2.24	2.24	2.26	2.26
110	3.20	3.17	3.18	3.17	3.16	3.13	3.13	3.10	3.10	3.08	3.08	3.07	2.82	2.83	2.82	2.85	2.84	2.87	2.87
115	3.87	3.83	3.83	3.82	3.82	3.79	3.79	3.75	3.76	3.74	3.74	3.74	3.47	3.45	3.44	3.47	3.47	3.51	3.51
120	4.55	4.50	4.51	4.48	4.48	4.44	4.46	4.41	4.40	4.38	4.39	4.39	4.11	4.10	4.08	4.11	4.12	4.14	4.14
125	5.22	5.17	5.18	5.15	5.15	5.11	5.11	5.06	5.06	5.03	5.06	5.06	4.76	4.74	4.73	4.76	4.77	4.80	4.80
130	5.85	5.80	5.82	5.80	5.81	5.75	5.76	5.69	5.69	5.67	5.68	5.70	5.40	5.37	5.34	5.39	5.40	5.43	5.43
135	6.42	6.38	6.35	6.39	6.40	6.36	6.37	6.29	6.26	6.22	6.27	6.28	5.98	5.97	5.93	5.94	5.97	6.02	6.03
140	7.01	6.98	6.94	6.97	6.98	6.93	6.95	6.86	6.88	6.85	6.85	6.89	6.56	6.56	6.50	6.51	6.55	6.58	6.59
145	7.57	7.54	7.51	7.50	7.56	7.51	7.50	7.49	7.47	7.43	7.45	7.43	7.13	7.12	7.11	7.11	7.11	7.16	7.15
150	8.11	8.08	8.09	8.08	8.07	8.03	8.07	8.03	8.01	8.00	8.02	8.00	7.72	7.73	7.71	7.72	7.70	7.76	7.73
155	8.64	8.60	8.63	8.61	8.60	8.57	8.59	8.55	8.57	8.58	8.60	8.59	8.30	8.32	8.29	8.30	8.29	8.32	8.31
160	9.11	9.10	9.14	9.14	9.10	9.08	9.10	9.07	9.07	9.10	9.11	9.10	8.85	8.89	8.87	8.87	8.86	8.88	8.87
165	9.60	9.60	9.54	9.62	9.61	9.58	9.58	9.60	9.60	9.55	9.54	9.53	9.42	9.42	9.42	9.37	9.38	9.40	9.40
170	9.93	9.94	9.96	9.98	9.94	9.93	9.91	9.92	9.94	9.93	9.95	9.92	9.84	9.87	9.86	9.86	9.81	9.81	9.82
175	10.2	10.2	10.2	10.2	10.2	10.2	10.1	10.1	10.2	10.2	10.2	10.2	10.1	10.2	10.2	10.2	10.1	10.1	10.1
180	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.4	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-06-17

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.2*0.2	Shielding Angle:

Table--2

UNIT: cd

C(DEG) g (DEG)	285	300	315	330	345														
0	1335	1335	1335	1335	1335														
5	1324	1326	1324	1325	1323														
10	1299	1300	1298	1298	1296														
15	1260	1260	1258	1258	1257														
20	1208	1206	1203	1205	1203														
25	1142	1141	1138	1138	1135														
30	1064	1064	1060	1061	1057														
35	978	978	973	973	972														
40	887	887	882	882	880														
45	780	780	774	775	772														
50	664	664	658	660	657														
55	543	544	538	539	537														
60	419	419	414	416	413														
65	295	296	291	294	290														
70	177	178	174	176	174														
75	78.5	79.8	77.3	78.9	77.0														
80	32.5	33.1	32.9	33.4	32.9														
85	12.2	13.0	13.2	14.1	14.1														
90	0.86	0.85	0.87	0.85	0.88														
95	1.23	1.24	1.25	1.24	1.26														
100	1.72	1.71	1.73	1.72	1.73														
105	2.28	2.28	2.30	2.28	2.31														
110	2.89	2.89	2.91	2.89	2.92														
115	3.53	3.53	3.56	3.53	3.56														
120	4.16	4.17	4.18	4.16	4.22														
125	4.80	4.81	4.82	4.82	4.87														
130	5.44	5.42	5.47	5.44	5.50														
135	6.03	6.01	6.02	6.03	6.06														
140	6.60	6.61	6.61	6.59	6.63														
145	7.17	7.19	7.18	7.16	7.19														
150	7.75	7.75	7.77	7.75	7.76														
155	8.32	8.34	8.38	8.37	8.35														
160	8.89	8.88	8.94	8.93	8.88														
165	9.43	9.43	9.41	9.38	9.37														
170	9.88	9.89	9.84	9.77	9.75														
175	10.1	10.2	10.1	10.1	10.1														
180	10.3	10.3	10.3	10.3	10.3														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-06-17

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks: