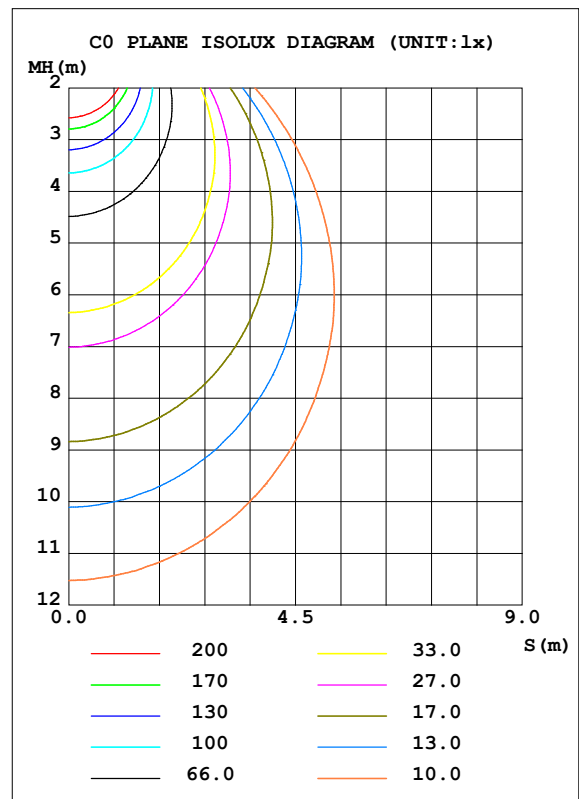
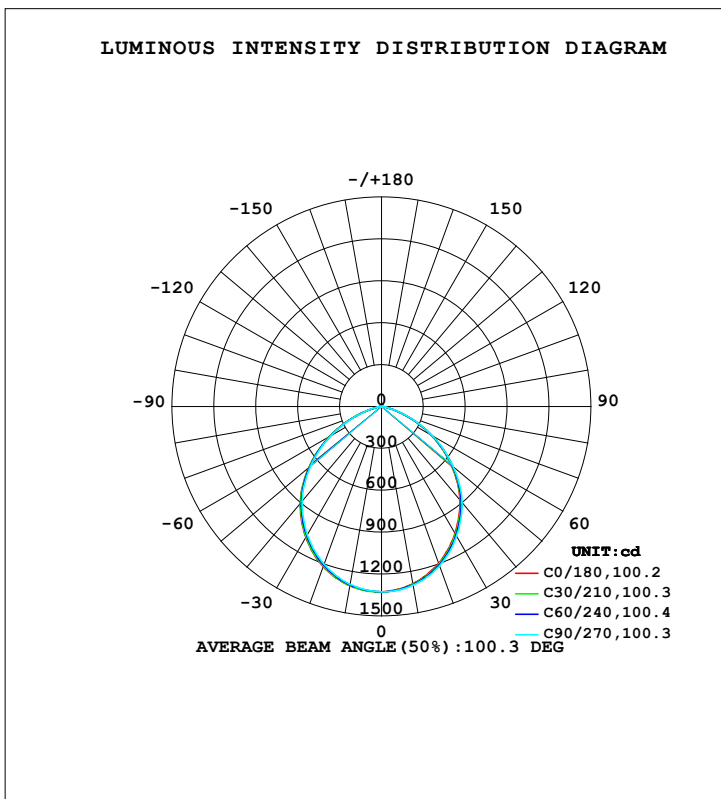


LUMINAIRE PHOTOMETRIC TEST REPORT

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 4000K)		Eff: 81.67 lm/W			
NOMINAL POWER (W)	40	I _{max} (cd)	1328	S/MH (C0/180)	1.22
RATED VOLTAGE (V)	100-277	LOR (%)	100.0	S/MH (C90/270)	1.20
NOMINAL FLUX (lm)	3143.33	TOTAL FLUX (lm)	3143.3	h UP, DN (C0-180)	0.5, 49.7
LAMPS INSIDE	1	CIE CLASS	DIRECT	h UP, DN (C180-360)	0.4, 49.4
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:

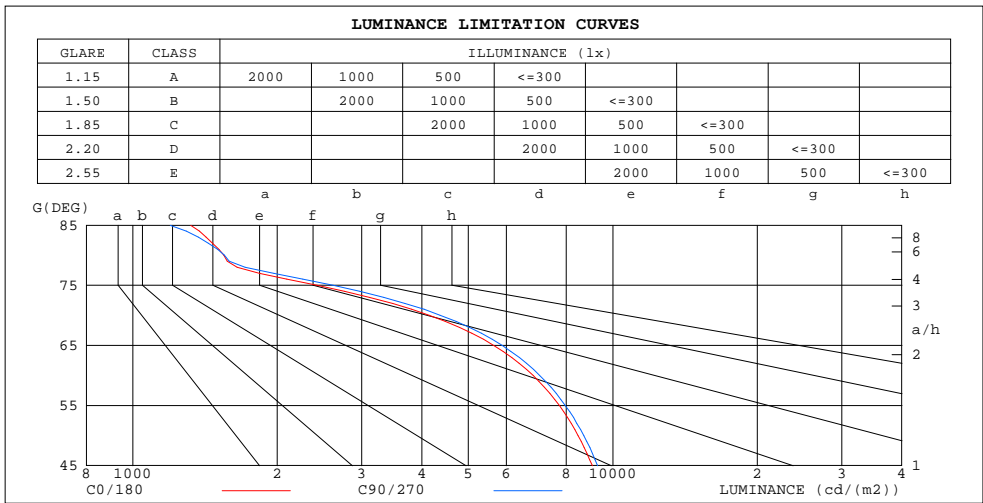
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	1289	1294	1298	1303	1303	1299	1294	1289	0- 10	125.2	125.2	3.98,3.98
20	1194	1204	1214	1221	1221	1213	1203	1196	10- 20	355.0	480.2	15.3,15.3
30	1050	1063	1074	1083	1083	1073	1063	1052	20- 30	526.8	1007	32,32
40	873.3	886.8	896.6	906.3	906.2	896.4	885.7	875.3	30- 40	614.6	1622	51.6,51.6
50	651.7	664.2	671.1	678.9	681.1	672.4	664.3	652.8	40- 50	603.3	2225	70.8,70.8
60	408.7	419.0	422.6	429.3	431.8	424.9	420.0	409.2	50- 60	486.7	2711	86.3,86.3
70	169.7	176.9	179.3	185.0	186.7	181.5	178.1	171.0	60- 70	293.9	3005	95.6,95.6
80	32.19	32.52	32.34	33.96	33.85	32.64	32.20	32.19	70- 80	93.40	3099	98.6,98.6
90	1.041	0.9909	0.9855	0.9692	0.9080	0.8495	0.8338	0.8689	80- 90	15.79	3115	99.1,99.1
100	1.955	1.918	1.895	1.853	1.651	1.692	1.694	1.738	90-100	1.449	3116	99.1,99.1
110	3.178	3.138	3.101	3.051	2.803	2.844	2.870	2.918	100-110	2.510	3119	99.2,99.2
120	4.531	4.462	4.416	4.344	4.089	4.099	4.144	4.171	110-120	3.595	3122	99.3,99.3
130	5.831	5.763	5.717	5.615	5.371	5.360	5.414	5.455	120-130	4.407	3127	99.5,99.5
140	6.995	6.929	6.911	6.795	6.522	6.485	6.576	6.582	130-140	4.742	3131	99.6,99.6
150	8.066	8.036	8.010	7.935	7.682	7.678	7.697	7.726	140-150	4.561	3136	99.8,99.8
160	9.074	9.084	9.032	9.039	8.810	8.826	8.836	8.884	150-160	3.876	3140	99.9,99.9
170	9.852	9.903	9.843	9.845	9.764	9.799	9.777	9.795	160-170	2.656	3142	100,100
180	10.23	10.28	10.22	10.29	10.24	10.28	10.21	10.27	170-180	0.9552	3143	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	1321	1197
80	1547	1552
75	2418	2610
70	4143	4370
65	5646	5881
60	6822	7046
55	7738	7960
50	8462	8702
45	9064	9296

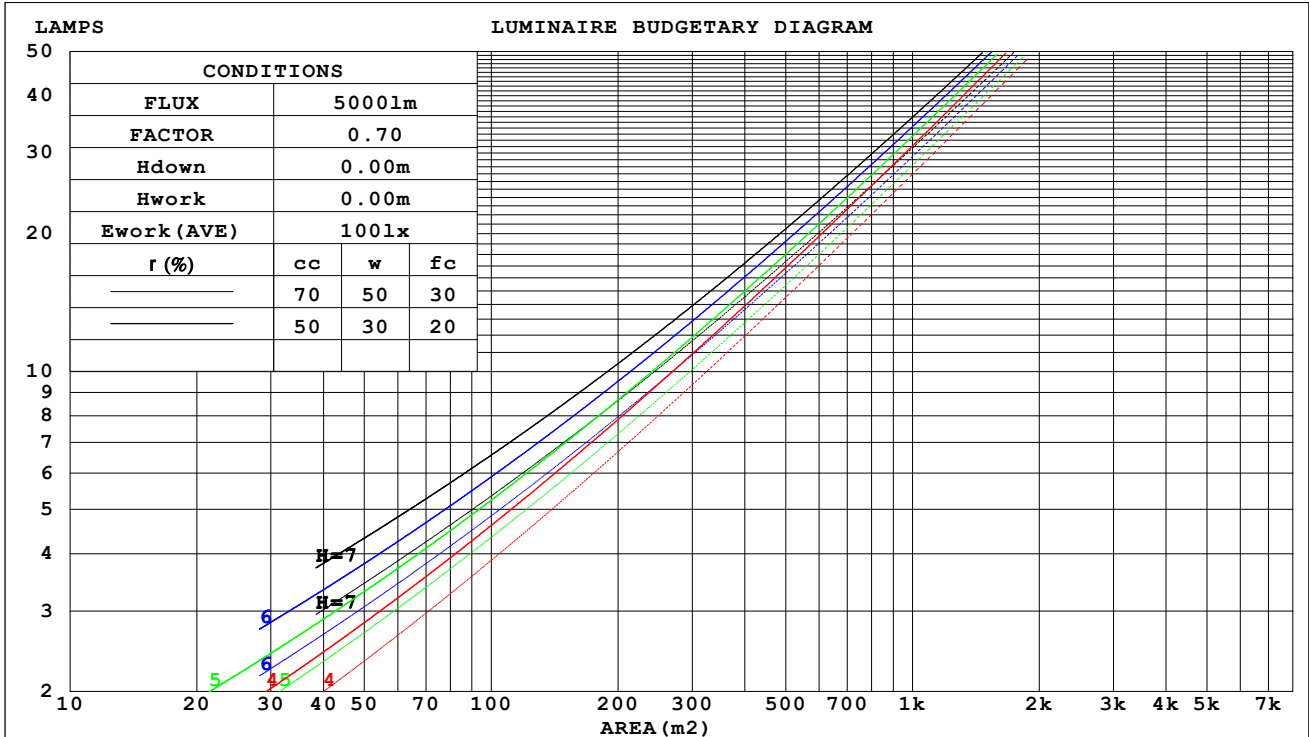
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-06-17

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	.63	.57	.51	.61	.55	.51	.60	.54	.50	.48
6.0	.60	.52	.46	.59	.51	.46	.58	.50	.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	.32	.42	.36	.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	.245	.140	.045	.232	.134	.043	.221	.128	.041	
2.0	.258	.141	.043	.251	.138	.043	.239	.133	.041	.228	.128	.040	.218	.124	.039	
3.0	.244	.130	.039	.238	.127	.038	.228	.123	.037	.218	.119	.037	.209	.116	.036	
4.0	.228	.119	.035	.224	.117	.035	.214	.114	.034	.206	.110	.033	.198	.107	.033	
5.0	.214	.109	.032	.209	.108	.031	.201	.105	.031	.194	.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	.172	.088	.026	.166	.086	.025	
8.0	.177	.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	.167	.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	15.9	17.3	16.1	17.5	17.7	
3H	16.4	17.7	16.8	18.0	18.2	16.6	17.9	16.9	18.1	18.4	
4H	16.5	17.7	16.8	18.0	18.3	16.7	17.9	17.0	18.2	18.4	
6H	16.5	17.6	16.8	17.9	18.2	16.7	17.8	17.0	18.1	18.4	
8H	16.5	17.6	16.8	17.9	18.2	16.6	17.7	17.0	18.0	18.3	
12H	16.4	17.5	16.8	17.8	18.1	16.6	17.7	17.0	18.0	18.3	
4H 2H	16.1	17.3	16.4	17.6	17.9	16.2	17.4	16.5	17.7	18.0	
3H	16.9	18.0	17.3	18.3	18.6	17.1	18.1	17.4	18.4	18.7	
4H	17.1	18.0	17.4	18.3	18.7	17.2	18.2	17.6	18.5	18.8	
6H	17.0	17.9	17.5	18.3	18.6	17.2	18.0	17.6	18.4	18.8	
8H	17.0	17.8	17.5	18.2	18.6	17.2	18.0	17.6	18.3	18.7	
12H	17.0	17.7	17.5	18.1	18.6	17.2	17.9	17.6	18.3	18.7	
8H 4H	17.0	17.8	17.5	18.2	18.6	17.2	18.0	17.6	18.3	18.7	
6H	17.1	17.7	17.5	18.1	18.6	17.2	17.9	17.7	18.3	18.7	
8H	17.1	17.6	17.6	18.1	18.6	17.2	17.8	17.7	18.2	18.7	
12H	17.1	17.6	17.6	18.0	18.5	17.2	17.7	17.7	18.2	18.7	
12H 4H	17.0	17.7	17.4	18.1	18.5	17.1	17.9	17.6	18.3	18.7	
6H	17.0	17.6	17.5	18.0	18.5	17.2	17.8	17.7	18.2	18.7	
8H	17.1	17.5	17.6	18.0	18.5	17.2	17.7	17.7	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, 3143 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:

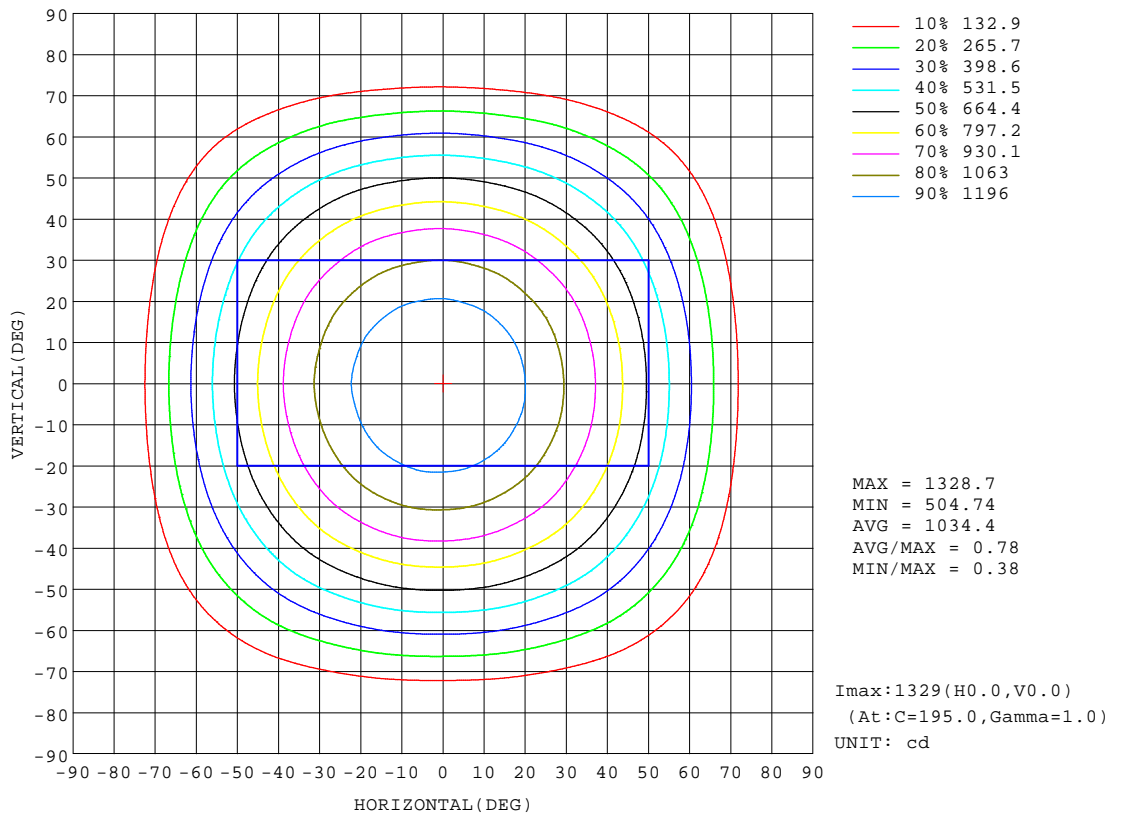
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	61	50	44	60	50	44	59	49	43	37
0.80	71	61	54	70	60	54	69	59	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:



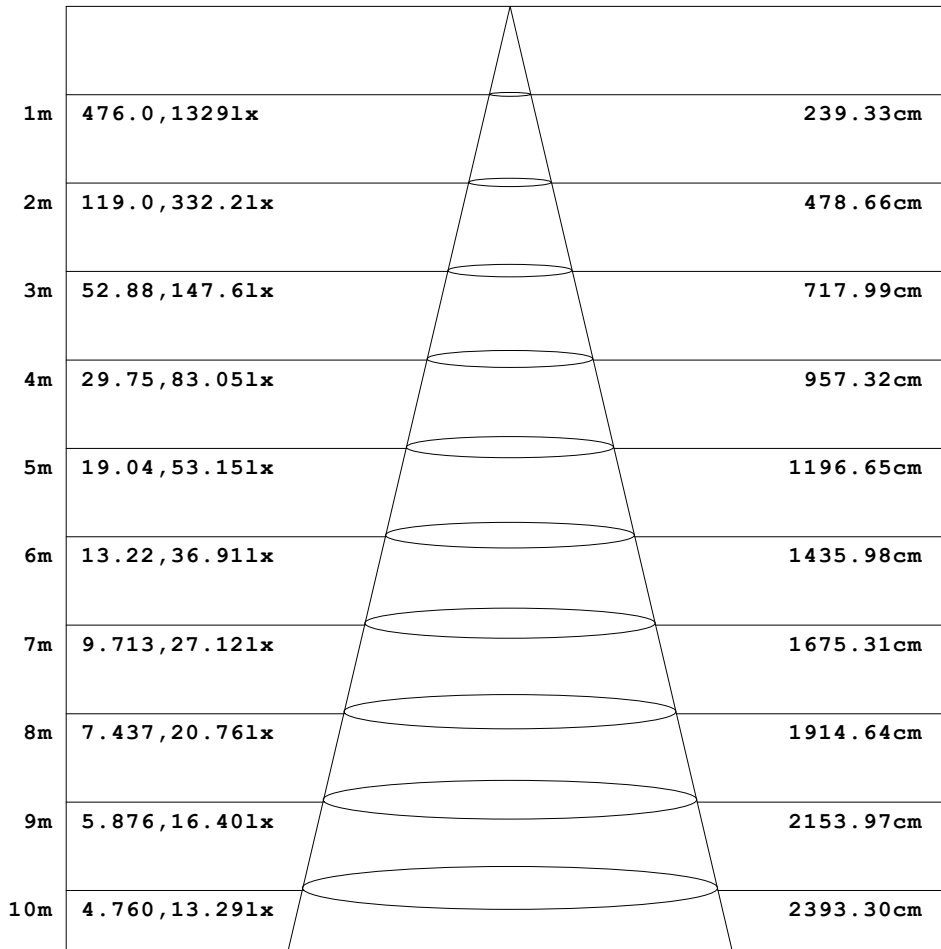
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-06-17

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:2280 lm



Height Eavg, Emax Angle:100.23deg Diameter

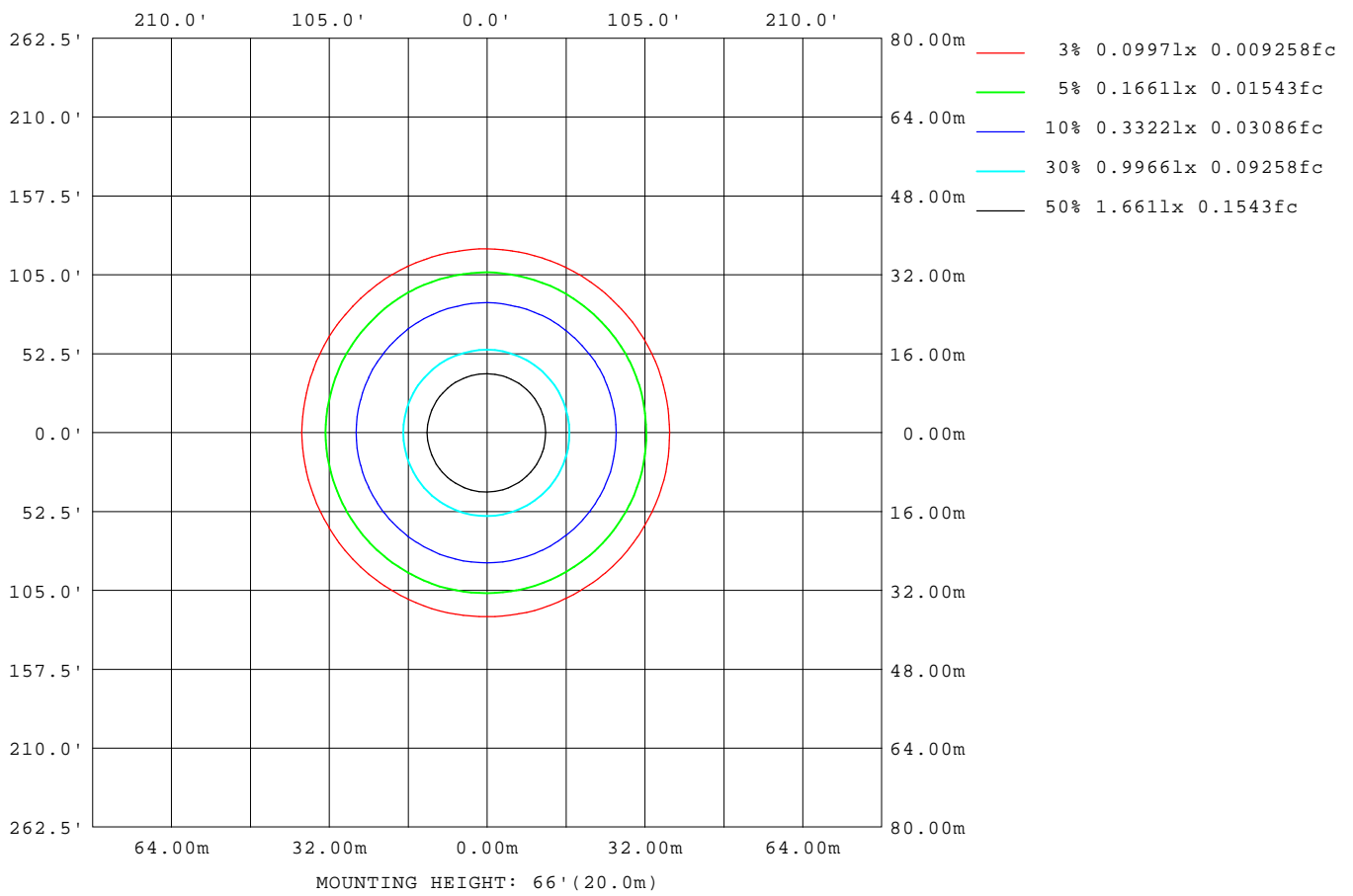
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:

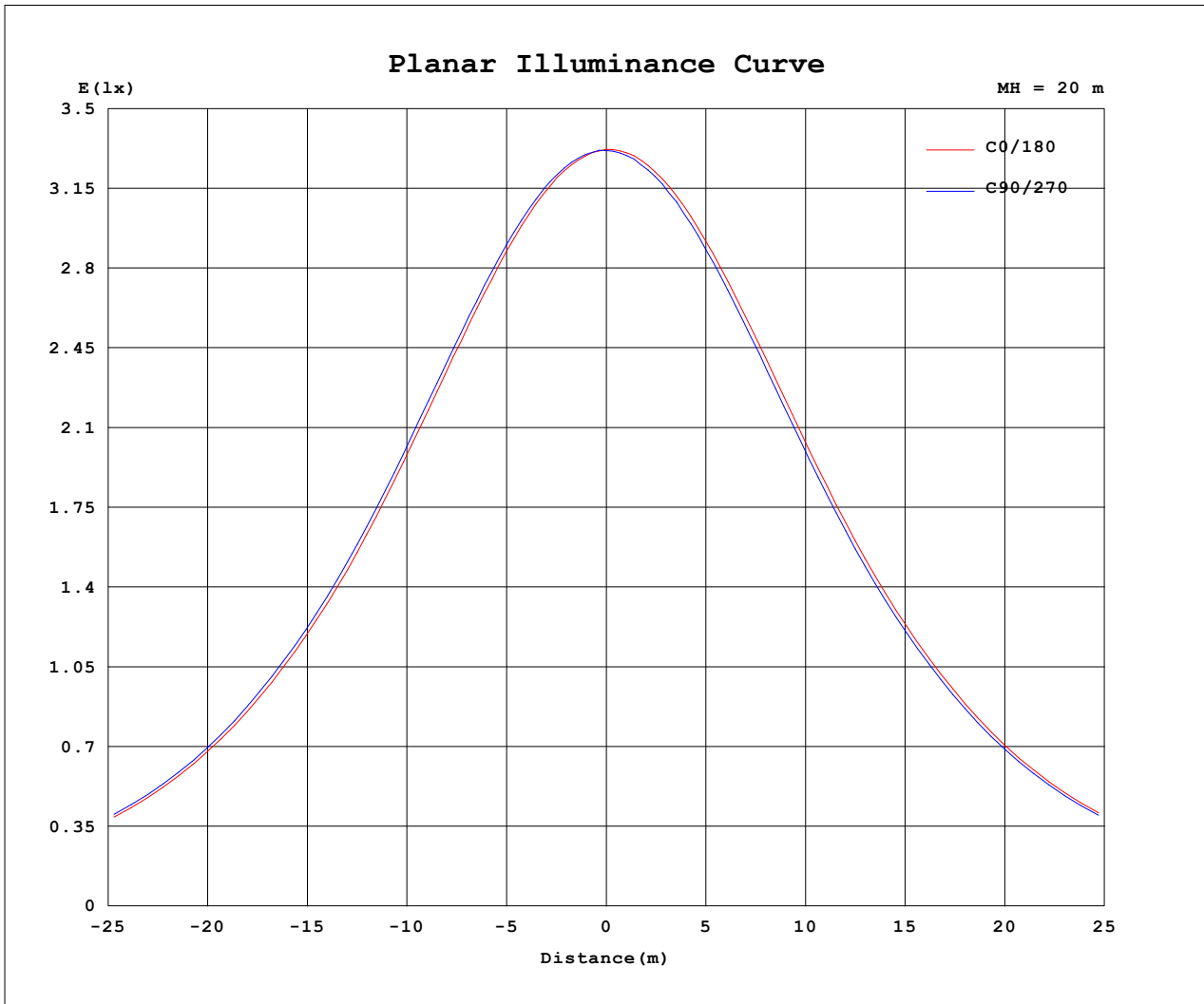
AvgL	cd/m2
L_0~180 (65) av	5841
L_0~180 (75) av	2580
L_0~180 (85) av	1391
L_90~270 (65) av	5866
L_90~270 (75) av	2584
L_90~270 (85) av	1188
L_45 (65) av	5851
L_45 (75) av	2574
L_45 (85) av	1311

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	1327	1327	1327	1327	1327	1327	1327	1327	1327	1327	1327	1327	1327	1327	1327	1327	1327	1327	1327
5	1314	1318	1318	1317	1319	1322	1321	1322	1322	1323	1321	1322	1322	1323	1322	1320	1318	1320	1316
10	1289	1292	1292	1294	1296	1300	1298	1302	1301	1303	1303	1303	1303	1303	1302	1299	1296	1296	1294
15	1249	1252	1254	1257	1258	1264	1263	1267	1267	1269	1269	1270	1269	1268	1266	1261	1260	1258	1254
20	1194	1199	1201	1204	1207	1214	1214	1219	1220	1221	1220	1220	1221	1219	1218	1213	1211	1207	1203
25	1128	1133	1136	1140	1142	1149	1151	1156	1156	1158	1159	1158	1159	1155	1155	1148	1147	1143	1138
30	1050	1056	1058	1063	1065	1073	1074	1080	1080	1083	1083	1083	1083	1080	1080	1073	1070	1065	1063
35	965	970	973	977	981	987	989	995	995	997	997	998	999	995	994	988	985	981	977
40	873	879	881	887	889	897	897	903	902	906	903	905	906	903	903	896	894	889	886
45	768	773	775	780	782	789	789	794	795	798	795	797	798	795	795	789	787	782	779
50	652	658	659	664	665	672	671	676	676	679	677	679	681	678	678	672	672	666	664
55	532	537	537	543	543	549	548	553	552	555	553	555	557	554	556	550	550	545	544
60	409	414	414	419	419	424	423	427	426	429	427	430	432	428	430	425	426	421	420
65	286	291	290	295	295	300	298	302	301	304	301	304	307	303	305	301	301	296	297
70	170	174	173	177	176	181	179	184	182	185	182	185	187	184	185	181	182	178	178
75	75.0	76.9	76.2	78.5	78.4	81.5	81.0	83.7	82.7	84.4	82.8	83.9	85.3	82.9	84.3	81.4	82.1	78.8	79.5
80	32.2	32.5	32.2	32.5	32.2	32.6	32.3	33.3	33.3	34.0	33.6	33.8	33.9	33.2	33.4	32.6	32.7	32.0	32.2
85	13.8	14.2	13.5	13.5	12.7	12.9	12.5	13.4	13.6	14.7	14.7	15.3	15.3	14.9	14.7	13.7	13.3	12.4	12.3
90	1.04	1.00	1.03	0.99	1.01	0.98	0.99	0.95	0.97	0.97	0.99	1.02	0.91	0.86	0.85	0.85	0.83	0.85	0.83
95	1.45	1.43	1.44	1.41	1.43	1.41	1.40	1.38	1.38	1.36	1.38	1.37	1.19	1.21	1.21	1.23	1.21	1.23	1.23
100	1.95	1.94	1.94	1.92	1.92	1.90	1.89	1.87	1.87	1.85	1.87	1.86	1.65	1.67	1.66	1.69	1.68	1.71	1.69
105	2.54	2.53	2.53	2.51	2.50	2.48	2.48	2.45	2.45	2.43	2.44	2.44	2.20	2.22	2.22	2.24	2.23	2.27	2.26
110	3.18	3.16	3.16	3.14	3.13	3.11	3.10	3.07	3.07	3.05	3.05	3.06	2.80	2.82	2.81	2.84	2.83	2.88	2.87
115	3.85	3.82	3.81	3.80	3.79	3.77	3.76	3.73	3.72	3.70	3.69	3.72	3.45	3.45	3.45	3.47	3.47	3.51	3.51
120	4.53	4.48	4.48	4.46	4.45	4.42	4.42	4.38	4.37	4.34	4.36	4.37	4.09	4.07	4.07	4.10	4.10	4.14	4.14
125	5.20	5.15	5.16	5.12	5.12	5.08	5.07	5.02	5.01	4.99	5.02	5.03	4.74	4.73	4.72	4.75	4.76	4.80	4.79
130	5.83	5.77	5.79	5.76	5.76	5.72	5.72	5.63	5.63	5.62	5.63	5.67	5.37	5.35	5.33	5.36	5.38	5.43	5.41
135	6.40	6.36	6.32	6.35	6.37	6.32	6.33	6.21	6.23	6.19	6.22	6.23	5.95	5.95	5.90	5.91	5.96	6.01	6.01
140	7.00	6.95	6.90	6.93	6.95	6.90	6.91	6.83	6.83	6.80	6.80	6.83	6.52	6.53	6.48	6.49	6.52	6.58	6.58
145	7.53	7.50	7.47	7.46	7.51	7.47	7.45	7.43	7.41	7.36	7.39	7.38	7.09	7.08	7.08	7.08	7.07	7.15	7.13
150	8.07	8.04	8.04	8.04	8.02	8.00	8.01	7.97	7.95	7.94	7.96	7.95	7.68	7.69	7.68	7.68	7.65	7.75	7.70
155	8.61	8.56	8.58	8.56	8.54	8.53	8.54	8.51	8.49	8.52	8.54	8.54	8.26	8.28	8.26	8.27	8.26	8.31	8.28
160	9.07	9.06	9.09	9.08	9.03	9.03	9.03	9.02	9.00	9.04	9.04	9.04	8.81	8.83	8.82	8.83	8.81	8.86	8.84
165	9.55	9.55	9.55	9.55	9.54	9.54	9.52	9.53	9.51	9.48	9.47	9.48	9.36	9.37	9.39	9.31	9.34	9.38	9.35
170	9.85	9.84	9.91	9.90	9.88	9.87	9.84	9.87	9.86	9.85	9.87	9.86	9.76	9.81	9.81	9.80	9.75	9.78	9.78
175	10.1	10.1	10.1	10.2	10.1	10.1	10.1	10.1	10.1	10.2	10.2	10.1	10.1	10.1	10.1	10.1	10.1	10.0	10.0
180	10.2	10.2	10.3	10.3	10.2	10.2	10.2	10.2	10.3	10.3	10.2	10.2	10.2	10.2	10.3	10.3	10.2	10.2	10.2

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	1327	1327	1327	1327	1327															
5	1316	1316	1314	1315	1317															
10	1291	1290	1289	1290	1290															
15	1252	1251	1248	1249	1249															
20	1198	1199	1196	1197	1196															
25	1133	1133	1130	1131	1130															
30	1058	1056	1052	1054	1052															
35	972	970	967	968	967															
40	881	880	875	876	875															
45	773	773	768	769	768															
50	659	658	653	654	654															
55	538	537	532	534	533															
60	414	414	409	412	410															
65	291	292	287	290	288															
70	174	175	171	173	172															
75	76.6	77.7	75.5	77.3	75.8															
80	31.9	32.4	32.2	32.8	32.4															
85	12.1	12.8	13.0	13.8	13.9															
90	0.86	0.85	0.87	0.86	0.88															
95	1.25	1.24	1.26	1.25	1.25															
100	1.72	1.72	1.74	1.72	1.74															
105	2.29	2.28	2.31	2.29	2.30															
110	2.90	2.89	2.92	2.89	2.91															
115	3.53	3.53	3.55	3.53	3.56															
120	4.15	4.17	4.17	4.17	4.20															
125	4.80	4.79	4.81	4.81	4.86															
130	5.42	5.41	5.45	5.43	5.47															
135	6.01	6.01	6.00	6.02	6.04															
140	6.59	6.58	6.58	6.56	6.62															
145	7.15	7.15	7.14	7.13	7.16															
150	7.73	7.73	7.73	7.70	7.72															
155	8.30	8.29	8.35	8.32	8.30															
160	8.85	8.84	8.88	8.87	8.83															
165	9.39	9.37	9.35	9.33	9.33															
170	9.84	9.83	9.79	9.71	9.71															
175	10.1	10.1	10.1	10.0	10.0															
180	10.2	10.3	10.3	10.2	10.2															

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: