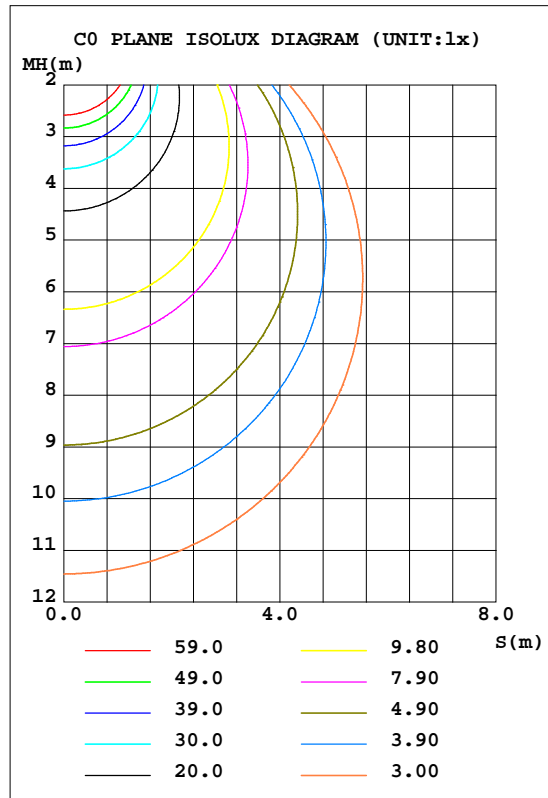
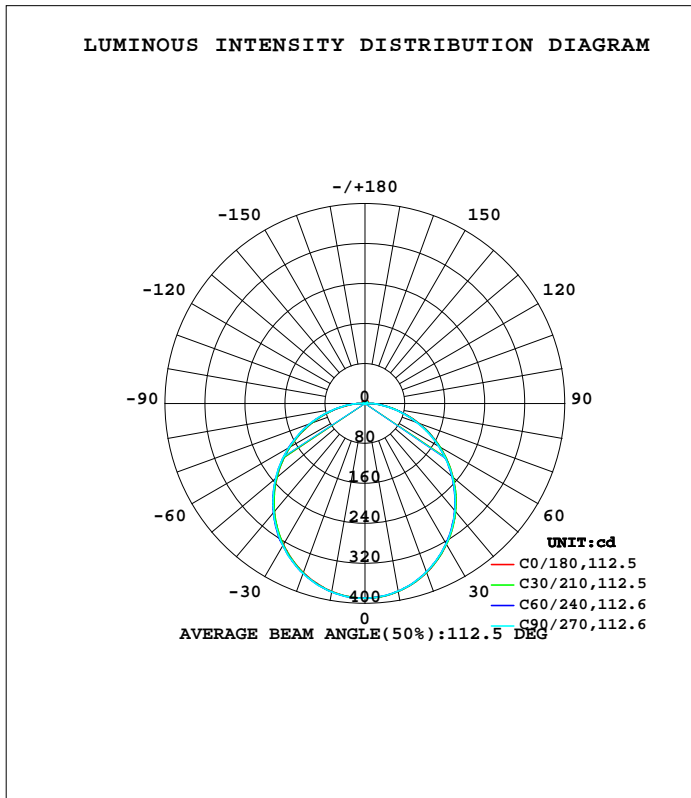


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.15V I:0.1288A P:15.408W PF:0.9957 Freq:59.98Hz Lamp Flux:1153.08x1 lm		
NAME: LED DOWN LIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.12*0.12	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 74.84 lm/W			
MODELASD-LDS-6D15AC(5000K)		I _{max} (cd)	389.8	S/MH(C0/180)	1.25
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1153.1	h UP, DN(C0-180)	0.8, 48.7
NOMINAL FLUX(lm)	1153.08	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.8, 49.7
LAMPS INSIDE	1	h up(%)	1.6	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	h down(%)	98.4	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-05-19

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.700m [K=1.0103]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

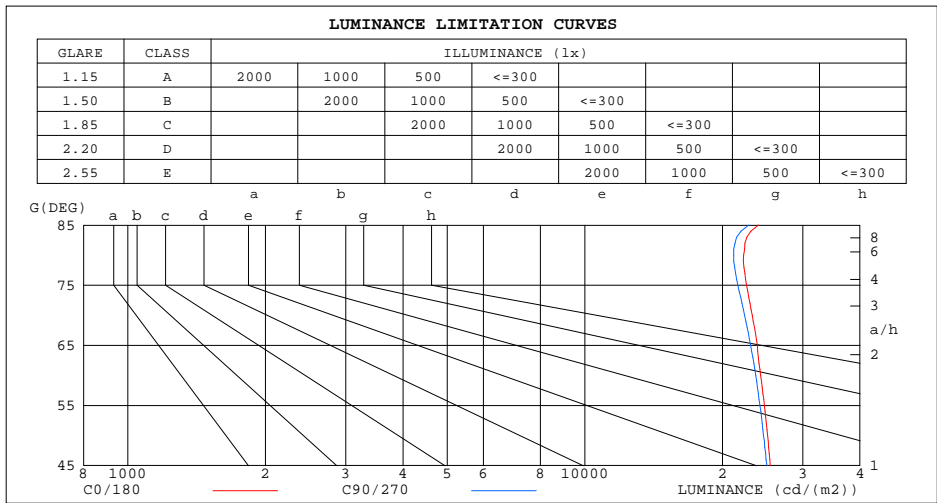
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	382.0	381.6	381.4	381.3	382.1	382.8	383.0	382.9	0- 10	36.84	36.84	3.19,3.19
20	360.1	359.3	358.8	358.8	360.4	361.6	362.1	362.1	10- 20	105.2	142.1	12.3,12.3
30	325.9	324.9	324.5	324.2	326.3	327.7	328.6	328.6	20- 30	158.9	300.9	26.1,26.1
40	281.6	280.8	280.3	279.6	282.5	283.9	284.6	285.0	30- 40	191.1	492.0	42.7,42.7
50	230.1	228.9	228.1	227.3	230.3	232.1	232.9	233.4	40- 50	198.3	690.4	59.9,59.9
60	172.8	171.5	170.6	169.6	172.5	174.5	175.8	176.2	50- 60	180.7	871.1	75.5,75.5
70	113.3	111.6	110.2	109.5	111.7	114.3	116.0	116.2	60- 70	141.6	1013	87.8,87.8
80	55.11	53.97	52.99	51.93	53.50	55.72	57.15	57.40	70- 80	87.84	1101	95.4,95.4
90	12.83	12.25	11.20	10.93	11.51	12.89	13.51	13.66	80- 90	33.73	1134	98.4,98.4
100	1.229	0.7306	0.4301	0.4928	1.363	0.4769	0.4353	0.4910	90-100	3.746	1138	98.7,98.7
110	3.277	1.444	1.323	1.370	3.837	1.430	1.214	1.264	100-110	1.350	1139	98.8,98.8
120	5.941	2.947	2.326	4.523	6.206	2.806	2.034	3.915	110-120	2.831	1142	99.1,99.1
130	6.350	3.402	3.545	5.675	6.103	3.303	3.527	4.992	120-130	3.952	1146	99.4,99.4
140	5.301	2.037	3.258	1.662	4.978	2.055	4.137	1.692	130-140	3.415	1150	99.7,99.7
150	2.219	1.484	1.721	1.799	1.765	1.444	2.393	1.799	140-150	1.809	1151	99.9,99.9
160	1.571	1.716	2.152	2.739	1.453	1.970	1.589	1.791	150-160	0.8681	1152	99.9,99.9
170	2.050	1.764	1.644	1.879	1.588	2.003	1.721	2.562	160-170	0.6624	1153	100,100
180	1.663	1.729	1.682	1.681	1.641	1.680	1.731	1.676	170-180	0.1639	1153	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-05-19

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.700m [K=1.0103]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.15V I:0.1288A P:15.408W PF:0.9957 Freq:59.98Hz Lamp Flux:1153.08x1 lm		
NAME: LED DOWN LIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.12*0.12	Shielding Angle:



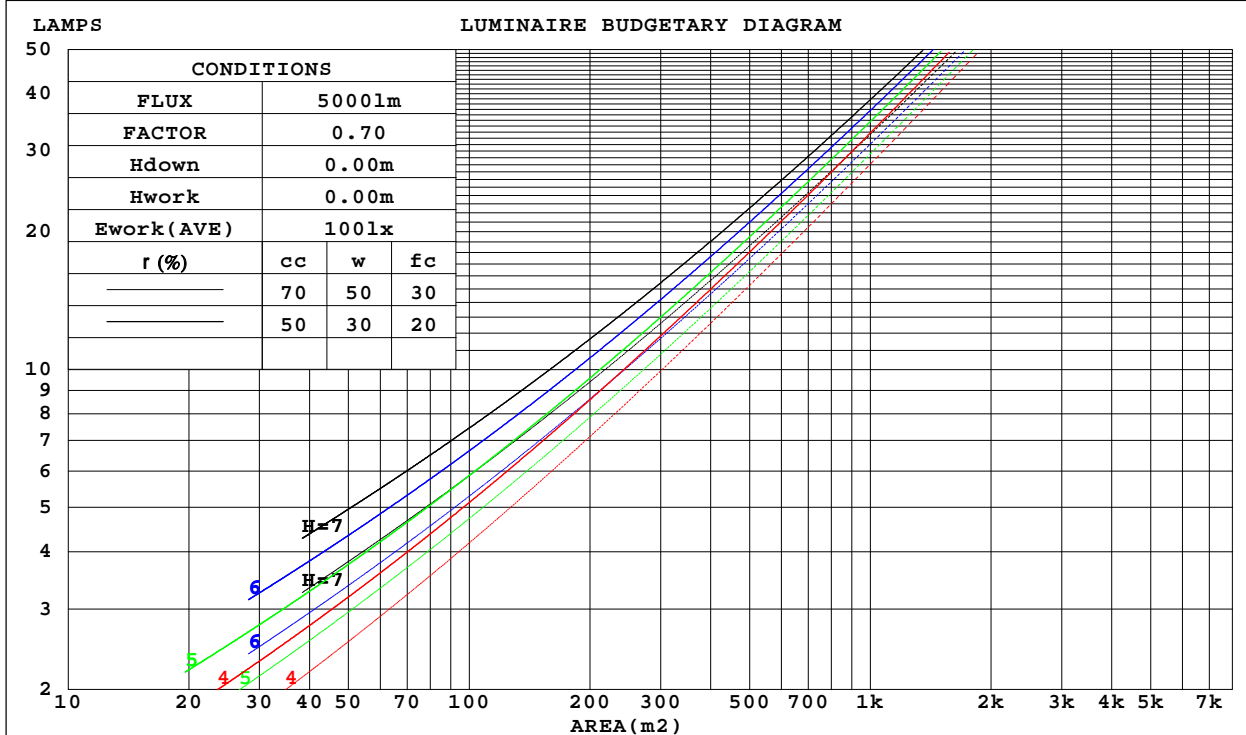
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-05-19

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.700m [K=1.0103]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.15V I:0.1288A P:15.408W PF:0.9957 Freq:59.98Hz Lamp Flux:1153.08x1 lm		
NAME: LED DOWN LIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.12*0.12	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	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.98
1.0	1.03	.98	.94	1.00	.96	.92	.96	.92	.89	.92	.89	.86	.88	.85	.83	.81
2.0	.89	.82	.76	.87	.81	.75	.83	.78	.73	.80	.75	.71	.76	.73	.69	.67
3.0	.78	.70	.63	.76	.69	.62	.73	.67	.61	.70	.65	.60	.67	.63	.59	.56
4.0	.69	.60	.53	.68	.59	.53	.65	.58	.52	.62	.56	.51	.60	.55	.50	.48
5.0	.62	.53	.46	.60	.52	.45	.58	.51	.45	.56	.49	.44	.54	.48	.44	.41
6.0	.55	.46	.40	.54	.46	.40	.52	.45	.39	.51	.44	.39	.49	.43	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.48	.40	.35	.46	.39	.34	.45	.39	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.44	.36	.31	.42	.36	.31	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.27	.25
10.0	.39	.31	.26	.38	.31	.25	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-05-19

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.700m [K=1.0103]
 Remarks:

WEC AND CCEC

Test:U:120.15V I:0.1288A P:15.408W PF:0.9957 Freq:59.98Hz Lamp Flux:1153.08x1 lm		
NAME: LED DOWN LIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.12*0.12	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	.324	.184	.058	.316	.181	.057	.302	.173	.055	.289	.167	.054	.277	.161	.052	
2.0	.300	.164	.050	.293	.161	.050	.280	.156	.048	.269	.151	.047	.258	.146	.046	
3.0	.275	.146	.044	.269	.144	.043	.258	.140	.043	.248	.136	.042	.238	.132	.041	
4.0	.253	.131	.039	.247	.130	.038	.238	.126	.038	.228	.123	.037	.220	.119	.036	
5.0	.233	.119	.034	.228	.117	.034	.219	.114	.034	.211	.111	.033	.203	.109	.033	
6.0	.215	.108	.031	.211	.107	.031	.203	.104	.030	.196	.102	.030	.189	.100	.030	
7.0	.200	.099	.028	.196	.098	.028	.189	.096	.028	.183	.094	.027	.176	.092	.027	
8.0	.187	.091	.026	.183	.090	.026	.177	.088	.025	.171	.087	.025	.165	.085	.025	
9.0	.175	.085	.024	.172	.084	.023	.166	.082	.023	.161	.081	.023	.155	.079	.023	
10.0	.164	.079	.022	.162	.078	.022	.156	.077	.022	.151	.075	.021	.147	.074	.021	

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	.203	.203	.203	.173	.173	.173	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.194	.169	.146	.166	.145	.125	.113	.100	.087	.065	.058	.050	.021	.019	.016	
2.0	.186	.144	.110	.159	.124	.095	.109	.086	.066	.063	.050	.039	.020	.016	.013	
3.0	.178	.127	.086	.153	.110	.075	.105	.076	.052	.061	.044	.031	.019	.014	.010	
4.0	.170	.114	.071	.146	.098	.061	.101	.069	.043	.058	.040	.026	.019	.013	.008	
5.0	.163	.103	.060	.140	.090	.052	.096	.063	.037	.056	.037	.022	.018	.012	.007	
6.0	.156	.095	.052	.134	.082	.045	.092	.058	.032	.054	.034	.019	.017	.011	.006	
7.0	.149	.088	.046	.128	.077	.040	.088	.054	.028	.051	.032	.017	.017	.010	.006	
8.0	.142	.082	.041	.122	.072	.036	.085	.050	.026	.049	.030	.015	.016	.010	.005	
9.0	.136	.078	.038	.117	.067	.033	.081	.047	.024	.047	.028	.014	.015	.009	.005	
10.0	.130	.073	.035	.112	.064	.031	.078	.045	.022	.045	.026	.013	.015	.009	.004	

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-05-19

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.700m [K=1.0103]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.15V I:0.1288A P:15.408W PF:0.9957 Freq:59.98Hz Lamp Flux:1153.08x1 lm										
NAME: LED DOWN LIGHT					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: ASD LIGHTING CORP					SUR.: 0.12*0.12			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	23.1	24.7	23.5	25.1	25.4	23.0	24.6	23.4	25.0	25.3
3H	25.1	26.6	25.5	26.9	27.3	24.9	26.4	25.3	26.7	27.1
4H	25.9	27.3	26.3	27.6	28.1	25.6	27.0	26.1	27.4	27.8
6H	26.5	27.8	27.0	28.2	28.6	26.3	27.6	26.7	27.9	28.4
8H	26.8	28.0	27.2	28.4	28.9	26.5	27.7	26.9	28.2	28.6
12H	27.0	28.2	27.4	28.6	29.0	26.7	27.9	27.2	28.3	28.8
4H 2H	23.8	25.2	24.2	25.5	25.9	23.6	25.0	24.1	25.4	25.8
3H	26.0	27.1	26.4	27.6	28.0	25.8	26.9	26.2	27.4	27.8
4H	26.9	28.0	27.3	28.4	28.9	26.7	27.7	27.1	28.2	28.6
6H	27.7	28.6	28.2	29.1	29.6	27.4	28.4	27.9	28.8	29.3
8H	28.0	28.9	28.5	29.3	29.8	27.7	28.6	28.2	29.1	29.6
12H	28.3	29.1	28.8	29.6	30.1	28.0	28.8	28.5	29.3	29.8
8H 4H	27.2	28.1	27.7	28.6	29.1	27.0	27.9	27.5	28.4	28.9
6H	28.2	28.9	28.7	29.4	29.9	27.9	28.7	28.4	29.2	29.7
8H	28.6	29.3	29.1	29.8	30.3	28.3	29.0	28.9	29.5	30.0
12H	29.0	29.6	29.5	30.1	30.7	28.7	29.3	29.2	29.8	30.4
12H 4H	27.3	28.1	27.8	28.6	29.1	27.1	27.9	27.6	28.4	28.9
6H	28.3	29.0	28.8	29.4	30.0	28.0	28.7	28.6	29.2	29.8
8H	28.8	29.3	29.3	29.9	30.5	28.5	29.1	29.0	29.6	30.2
CIE190: 2010										

CIE190: 2010
 Area: 0.0144 m2

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-05-19

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.700m [K=1.0103]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.15V I:0.1288A P:15.408W PF:0.9957 Freq:59.98Hz Lamp Flux:1153.08x1 lm		
NAME: LED DOWN LIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.12*0.12	Shielding Angle:

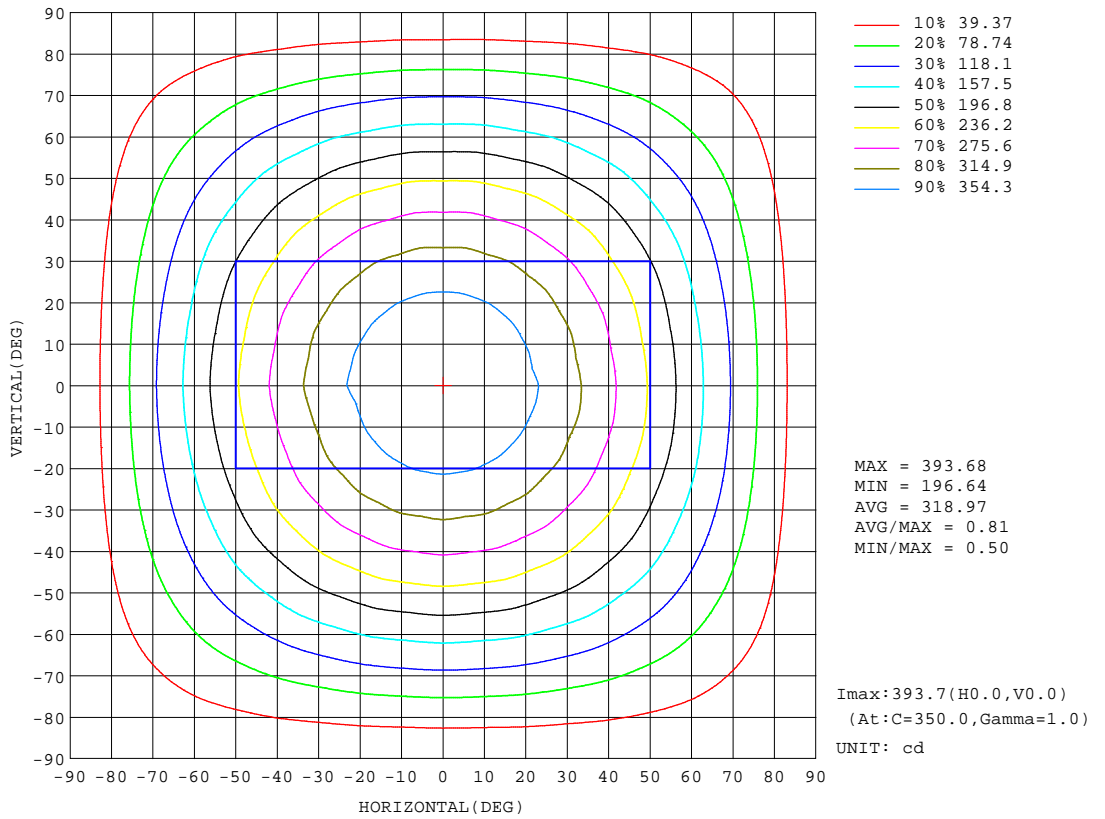
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	45	38	56	44	38	54	44	37	31
0.80	66	55	47	65	54	47	63	53	46	39
1.00	75	63	56	73	63	56	71	64	55	48
1.25	82	71	64	80	70	63	77	69	62	55
1.50	87	76	69	85	76	69	82	74	68	60
2.00	94	85	78	92	83	77	88	81	76	67
2.50	98	89	83	95	88	82	91	85	80	71
3.00	101	94	88	99	92	87	94	89	84	75
4.00	105	99	94	103	97	93	98	94	90	80
5.00	108	102	98	105	100	96	100	96	93	83
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-05-19

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
Humidity: 65.0%
Test Distance: 8.700m [K=1.0103]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.15V I:0.1288A P:15.408W PF:0.9957 Freq:59.98Hz Lamp Flux:1153.08x1 lm		
NAME: LED DOWN LIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.12*0.12	Shielding Angle:



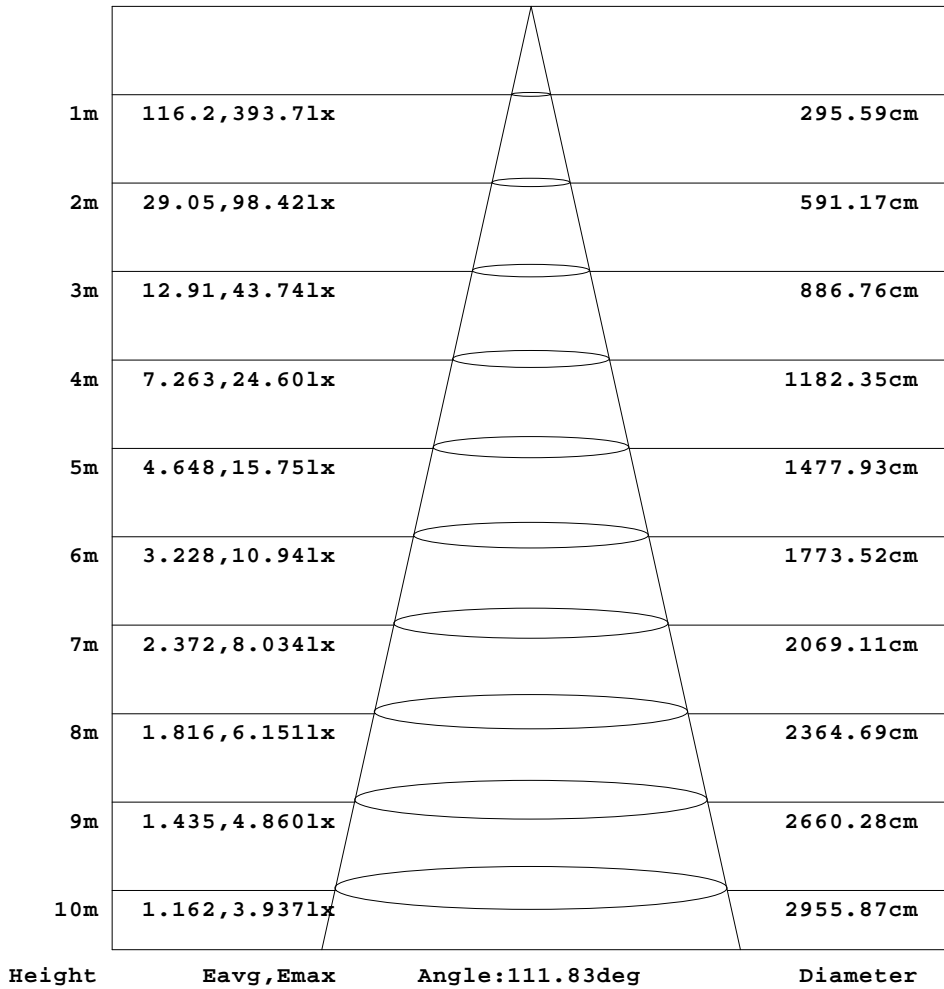
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-05-19

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.700m [K=1.0103]
 Remarks:

AAI Figure

Test:U:120.15V I:0.1288A P:15.408W PF:0.9957 Freq:59.98Hz Lamp Flux:1153.08x1 lm		
NAME: LED DOWN LIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.12*0.12	Shielding Angle:

Flux out:802.4 lm



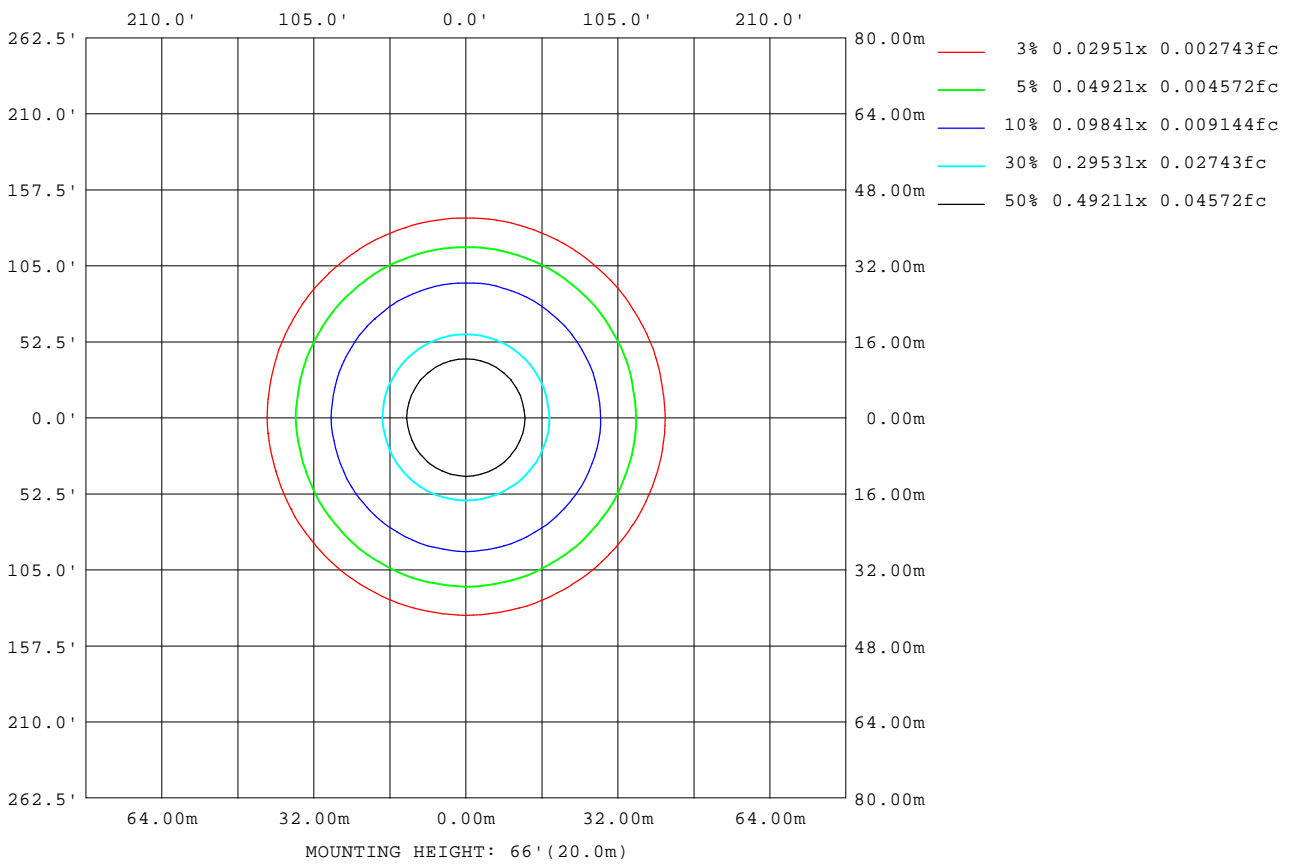
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-05-19

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.700m [K=1.0103]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.15V I:0.1288A P:15.408W PF:0.9957 Freq:59.98Hz Lamp Flux:1153.08x1 lm		
NAME: LED DOWN LIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.12*0.12	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-05-19

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.700m [K=1.0103]
 Remarks:

LED Avg.L Report

Test:U:120.15V I:0.1288A P:15.408W PF:0.9957 Freq:59.98Hz Lamp Flux:1153.08x1 lm		
NAME: LED DOWN LIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.12*0.12	Shielding Angle:

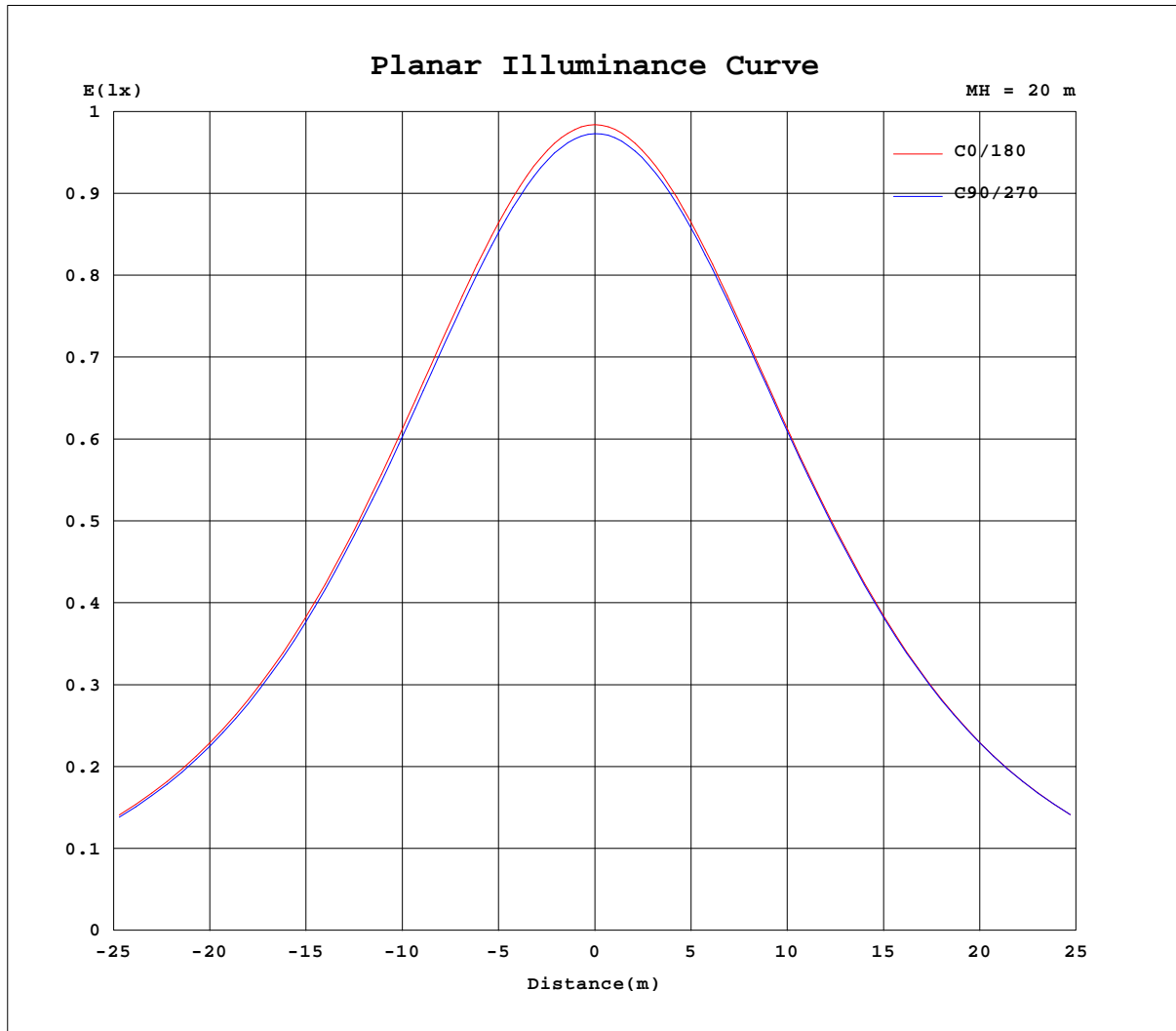
AvgL	cd/m2
L_0~180(65)av	23491
L_0~180(75)av	22144
L_0~180(85)av	23148
L_90~270(65)av	23574
L_90~270(75)av	22340
L_90~270(85)av	24145
L_45(65)av	23545
L_45(75)av	22294
L_45(85)av	24050

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-05-19

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
Humidity:65.0%
Test Distance:8.700m [K=1.0103]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-05-19

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.700m [K=1.0103]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.15V I:0.1288A P:15.408W PF:0.9957 Freq:59.98Hz Lamp Flux:1153.08x1 lm		
NAME: LED DOWN LIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.12*0.12	Shielding Angle:

Table--1

UNIT: cd

C(DEG) g (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390
5	388	388	388	388	387	388	387	387	387	387	387	387	387	387	387	387	388	388	388
10	382	382	382	382	382	382	381	381	381	381	381	381	381	381	381	381	381	382	382
15	373	373	372	372	372	372	372	372	372	372	371	372	371	372	372	372	372	373	373
20	360	360	360	360	359	359	359	359	359	359	358	359	358	359	359	359	359	360	360
25	344	345	344	344	343	344	343	343	342	343	342	343	342	343	343	343	343	344	345
30	326	326	325	326	325	325	324	325	324	325	323	324	323	325	324	325	324	326	326
35	305	306	304	305	303	305	303	304	302	304	302	303	302	304	303	304	303	305	306
40	282	283	281	282	280	281	279	281	279	280	278	280	278	280	279	281	280	282	282
45	257	258	256	257	255	256	254	256	254	255	253	255	253	255	254	255	254	256	257
50	230	231	229	230	228	229	227	229	227	228	226	228	226	228	227	228	227	229	230
55	202	203	201	202	200	201	199	200	199	200	198	199	198	200	198	200	199	201	202
60	173	174	172	173	171	172	170	171	169	171	169	170	169	170	169	171	170	172	173
65	144	144	143	143	142	142	141	141	140	140	140	140	139	140	140	140	140	141	142
70	113	114	112	113	111	112	111	111	110	110	109	110	109	110	109	110	110	111	112
75	83.3	83.7	82.6	82.8	81.8	82.1	81.1	81.3	80.4	80.7	79.9	80.2	79.5	80.0	79.6	80.3	79.9	81.0	81.7
80	55.1	55.4	54.5	54.7	53.8	54.1	53.3	53.5	52.7	53.0	52.2	52.4	51.7	52.2	51.7	52.3	52.0	52.9	53.5
85	29.8	29.1	28.0	29.2	29.6	29.9	29.1	29.3	28.6	28.7	28.0	28.3	27.7	28.1	27.7	27.6	26.9	27.7	28.3
90	12.8	9.98	8.77	12.2	12.2	12.2	11.6	11.7	11.2	11.2	10.8	10.9	10.7	11.0	10.8	11.0	8.19	7.70	11.5
95	4.02	3.31	1.24	1.29	1.82	0.39	0.36	0.38	0.38	0.28	0.36	0.27	0.28	0.30	0.29	0.77	0.39	1.81	2.92
100	1.23	1.00	0.80	0.66	0.92	0.54	0.42	0.56	0.53	0.43	0.50	0.40	0.41	0.48	0.51	0.65	0.66	0.78	1.36
105	3.07	4.31	2.42	1.12	1.07	0.92	0.94	1.08	1.01	0.80	1.05	1.05	1.04	1.12	1.02	1.06	1.74	2.76	2.77
110	3.28	3.29	2.98	3.37	1.58	1.31	1.15	1.40	1.43	1.32	1.41	1.24	1.22	1.42	1.32	2.31	3.75	3.86	3.84
115	5.03	4.78	4.14	3.55	2.87	1.90	1.62	1.85	1.85	1.64	1.70	1.45	1.58	2.04	3.32	4.83	4.85	4.74	4.79
120	5.94	5.45	4.70	4.06	3.40	2.49	2.43	2.43	2.41	2.33	2.43	2.39	3.00	3.93	5.12	5.61	5.55	5.76	6.21
125	6.17	5.78	5.11	4.48	3.81	2.89	2.78	3.13	3.14	3.11	3.32	3.60	4.59	5.75	6.08	5.77	5.81	6.11	6.16
130	6.35	5.79	5.25	4.55	3.79	3.01	3.06	3.49	3.54	3.54	3.78	4.19	5.36	5.78	5.57	5.83	6.21	6.20	6.10
135	6.40	5.71	5.22	4.19	3.37	2.18	2.47	3.25	3.58	3.81	3.79	4.28	4.71	2.79	5.22	5.26	5.62	6.03	6.06
140	5.30	4.68	4.20	3.82	2.72	1.35	1.61	2.87	3.12	3.26	3.71	3.97	2.98	1.23	2.09	5.25	5.27	5.12	4.98
145	4.89	4.47	4.09	3.15	1.56	1.28	1.69	2.19	1.71	1.82	1.69	2.20	1.55	1.46	1.24	1.82	4.16	4.89	4.74
150	2.22	2.18	1.69	1.36	1.51	1.46	1.47	1.73	1.98	1.72	1.65	2.02	1.39	1.49	2.10	1.74	1.53	1.75	1.76
155	1.82	1.49	2.14	2.30	2.01	1.43	1.81	2.52	1.92	1.48	1.94	2.66	1.83	1.55	1.70	1.55	1.58	1.87	1.53
160	1.57	1.78	1.90	2.20	1.78	1.65	3.10	3.94	3.35	2.15	1.67	1.75	2.84	3.33	2.15	1.55	1.49	1.48	1.45
165	2.52	2.75	3.03	3.02	1.82	1.83	2.21	2.53	2.66	1.86	1.56	2.11	3.39	3.61	3.59	2.66	2.04	1.67	2.88
170	2.05	1.92	2.00	1.93	1.69	1.84	1.92	1.88	1.86	1.64	1.63	1.77	1.76	1.91	1.85	1.80	1.86	1.64	1.59
175	1.68	1.58	1.62	1.67	1.59	1.71	1.71	1.60	1.69	1.61	1.67	1.65	1.63	1.65	1.62	1.62	1.66	1.57	1.60
180	1.66	1.62	1.69	1.67	1.71	1.75	1.74	1.69	1.73	1.68	1.69	1.69	1.66	1.69	1.67	1.67	1.69	1.66	1.64

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-05-19

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.700m [K=1.0103]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.15V I:0.1288A P:15.408W PF:0.9957 Freq:59.98Hz Lamp Flux:1153.08x1 lm		
NAME: LED DOWN LIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.12*0.12	Shielding Angle:

Table--2

UNIT: cd

C(DEG) g (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350			
0	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390			
5	388	388	388	388	388	388	388	388	388	388	388	388	388	388	388	388	388			
10	382	383	382	383	383	383	383	383	383	383	383	383	383	383	383	383	382			
15	373	373	373	374	374	374	374	374	374	374	374	374	374	374	374	374	373			
20	360	361	361	362	362	362	362	363	362	362	362	362	362	362	361	362	361			
25	344	345	345	346	346	347	346	347	347	347	347	347	346	347	346	346	345			
30	326	327	327	328	327	329	328	329	329	329	328	329	328	329	327	327	328	327		
35	305	307	306	308	307	309	307	309	308	309	307	309	307	309	307	307	308	306		
40	281	284	282	285	283	285	284	286	285	286	285	286	284	286	284	285	283			
45	256	258	257	259	258	260	259	261	260	261	259	261	259	261	259	260	258			
50	229	231	230	233	232	234	232	234	233	235	233	235	233	234	232	233	231			
55	201	203	202	204	203	205	204	206	205	206	205	206	205	206	204	205	203			
60	171	174	173	175	174	176	175	177	176	177	176	177	176	177	175	176	174			
65	142	144	143	145	145	146	146	147	146	147	147	147	146	147	146	146	145			
70	112	113	113	114	114	116	115	116	116	117	116	117	116	116	115	116	114			
75	81.5	83.0	82.8	84.5	84.2	85.5	85.2	86.3	85.8	86.7	86.0	86.7	85.9	86.4	85.2	85.5	84.2			
80	53.3	54.6	54.6	55.8	55.6	56.8	56.5	57.5	57.1	57.9	57.3	57.9	57.2	57.6	56.6	56.9	55.9			
85	29.1	30.0	30.0	30.8	30.7	31.6	31.4	32.1	31.9	32.5	32.1	32.5	32.0	32.4	31.7	32.0	31.2			
90	12.1	12.6	12.5	13.0	12.8	13.2	13.1	13.8	13.5	13.9	13.4	13.8	13.5	13.8	13.5	13.8	13.5			
95	1.99	0.53	1.43	0.75	0.29	0.33	0.33	1.11	1.04	1.24	0.33	0.30	0.31	1.89	2.08	0.99	2.76			
100	0.79	0.63	0.52	0.50	0.46	0.47	0.48	0.45	0.44	0.50	0.45	0.48	0.49	0.49	0.74	0.59	0.69			
105	1.82	1.31	0.85	1.06	0.97	0.84	0.77	0.62	0.64	0.71	0.86	0.97	1.01	0.93	0.95	1.24	1.51			
110	2.26	2.89	1.72	1.52	1.34	1.22	1.20	1.16	1.21	1.21	1.19	1.24	1.26	1.27	1.70	2.95	2.90			
115	3.83	3.44	3.18	2.48	1.82	1.67	1.58	1.45	1.49	1.49	1.46	1.54	1.64	3.79	4.04	4.95	5.50			
120	5.21	4.31	3.79	3.36	2.25	2.14	2.06	1.97	2.03	2.20	2.45	2.77	2.98	4.85	5.61	6.17	6.15			
125	5.82	4.99	4.28	3.78	2.62	3.02	2.75	2.75	2.99	3.28	3.57	4.18	4.02	5.57	6.23	7.32	6.72			
130	5.84	5.23	4.08	3.78	2.83	3.33	3.29	3.29	3.53	3.87	4.35	4.98	4.49	5.50	6.44	7.86	7.46			
135	5.78	4.87	3.78	3.53	2.35	3.05	3.58	3.61	3.87	4.20	4.69	4.89	4.46	5.40	5.68	7.28	7.17			
140	4.70	4.20	3.61	2.09	2.02	3.16	3.63	3.82	4.14	4.46	4.72	4.69	1.50	1.88	5.30	5.83	5.75			
145	4.45	3.76	2.23	1.27	1.33	2.78	2.94	3.09	3.37	3.63	3.42	4.41	1.44	1.43	3.01	5.29	5.21			
150	1.54	1.42	1.69	1.57	1.32	1.54	1.68	1.88	2.39	2.51	1.78	1.55	1.66	1.94	1.45	1.56	2.05			
155	1.43	2.24	2.43	1.77	1.37	2.37	2.27	1.55	1.62	2.19	2.11	1.39	1.62	1.85	1.66	1.87	2.19			
160	1.53	1.67	2.06	1.70	2.25	3.78	3.95	2.99	1.59	1.98	2.03	1.81	2.11	1.47	1.55	1.67	1.72			
165	2.92	3.20	2.51	2.02	2.01	2.46	3.09	2.40	1.79	1.93	3.08	4.07	3.61	3.29	2.51	1.54	1.63			
170	1.80	1.98	1.88	2.03	1.97	1.92	1.80	1.64	1.72	1.99	2.32	2.85	2.71	2.41	1.96	1.93	2.08			
175	1.65	1.68	1.70	1.66	1.63	1.69	1.69	1.65	1.68	1.65	1.72	1.69	1.63	1.65	1.63	1.64	1.69			
180	1.70	1.68	1.72	1.69	1.67	1.72	1.74	1.72	1.73	1.70	1.74	1.69	1.68	1.67	1.66	1.66	1.73			

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-05-19

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.700m [K=1.0103]
 Remarks: