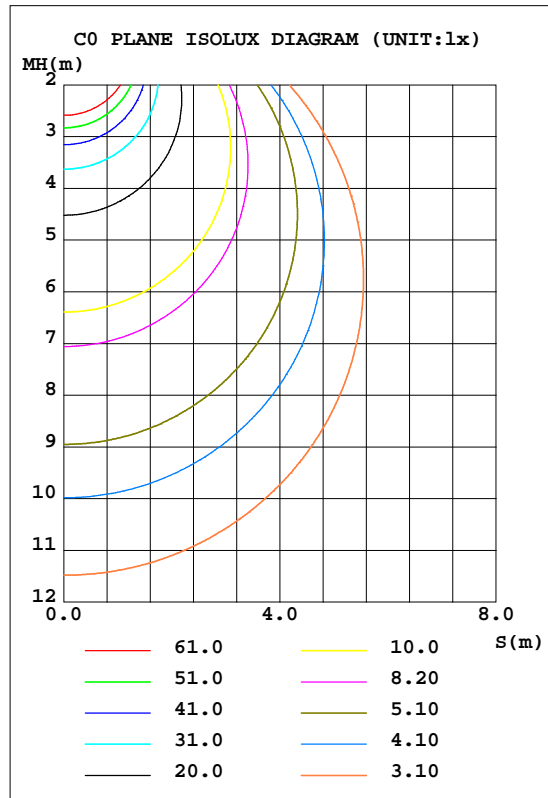
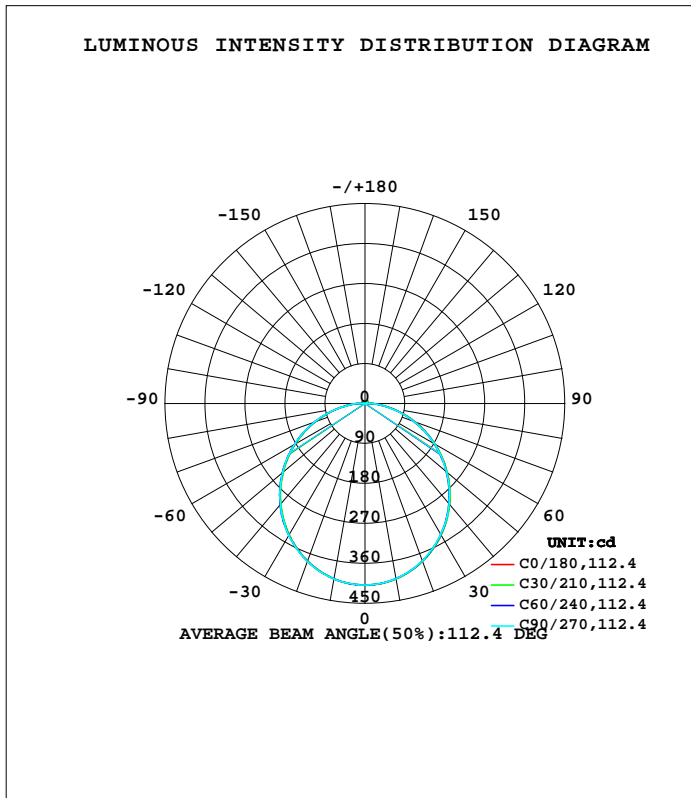


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.15V I:0.1324A P:15.903W PF:0.9955 Freq:59.98Hz Lamp Flux:1207.86x1 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			
MODELASD-LDS-6D15AC(3000K)		Imax(cd)	409.1	S/MH(C0/180)	1.24
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1207.9	h UP, DN(C0-180)	0.8,48.9
NOMINAL FLUX(lm)	1207.86	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.8,49.5
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:

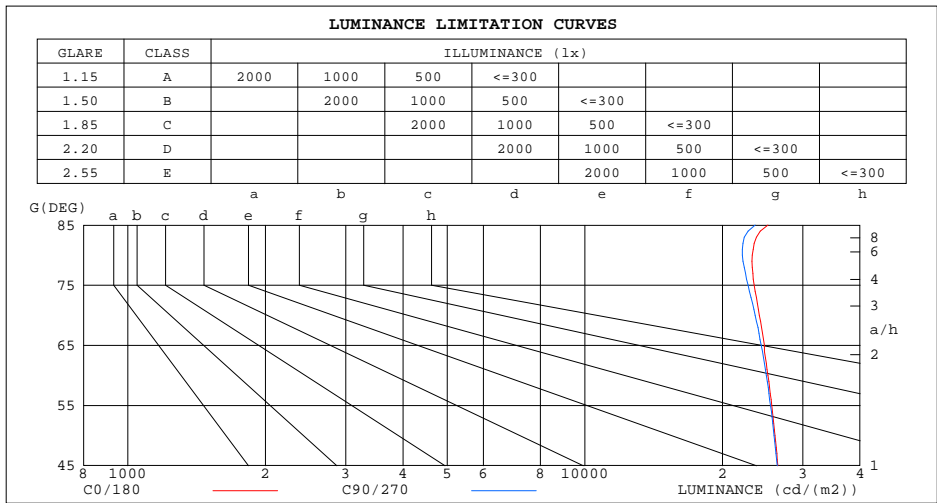
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	401.2	400.7	400.5	400.2	400.7	401.0	401.2	401.6	0- 10	38.64	38.64	3.2,3.2
20	378.4	377.7	377.0	376.7	377.7	378.1	378.6	379.2	10- 20	110.4	149.0	12.3,12.3
30	342.6	341.7	340.8	340.2	341.6	342.2	342.8	343.7	20- 30	166.5	315.5	26.1,26.1
40	296.0	295.3	294.8	293.7	295.8	296.2	296.6	297.9	30- 40	200.2	515.7	42.7,42.7
50	241.5	240.7	240.0	239.1	241.2	241.8	242.3	243.7	40- 50	207.8	723.5	59.9,59.9
60	181.2	180.3	179.7	178.8	181.0	181.8	182.4	183.5	50- 60	189.3	912.8	75.6,75.6
70	118.8	117.2	116.1	115.8	117.8	118.9	119.8	120.6	60- 70	148.2	1061	87.8,87.8
80	58.19	56.59	55.30	55.49	57.37	58.03	58.31	59.43	70- 80	91.96	1153	95.5,95.5
90	13.83	12.58	11.30	12.04	12.99	13.62	13.30	14.14	80- 90	35.35	1188	98.4,98.4
100	1.313	0.5818	0.4298	0.5436	1.167	0.4684	0.4354	0.5276	90-100	3.920	1192	98.7,98.7
110	4.178	1.719	1.305	1.690	4.024	1.724	1.270	1.853	100-110	1.415	1194	98.8,98.8
120	6.503	3.178	2.310	3.694	6.157	2.723	2.309	3.240	110-120	3.130	1197	99.1,99.1
130	7.146	4.319	3.327	4.018	7.363	3.986	3.249	4.229	120-130	4.008	1201	99.4,99.4
140	5.879	2.341	3.523	2.412	5.817	2.527	3.956	2.362	130-140	3.531	1204	99.7,99.7
150	2.182	1.536	2.140	1.687	1.964	1.651	1.935	1.838	140-150	1.881	1206	99.9,99.9
160	1.614	1.632	1.961	2.017	1.500	1.844	1.619	1.953	150-160	0.8787	1207	99.9,99.9
170	2.355	1.917	1.630	1.805	2.092	1.950	1.864	1.706	160-170	0.6643	1208	100,100
180	1.633	1.683	1.755	1.702	1.698	1.727	1.706	1.693	170-180	0.1642	1208	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:0.1324A P:15.903W PF:0.9955 Freq:59.98Hz Lamp Flux:1207.86x1 lm		
NAME: LED DOWN LIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.12*0.12	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	25155	23600
80	23252	22129
75	23493	22758
70	24101	23578
65	24703	24329
60	25150	24968
55	25649	25492
50	26064	25946
45	26463	26373

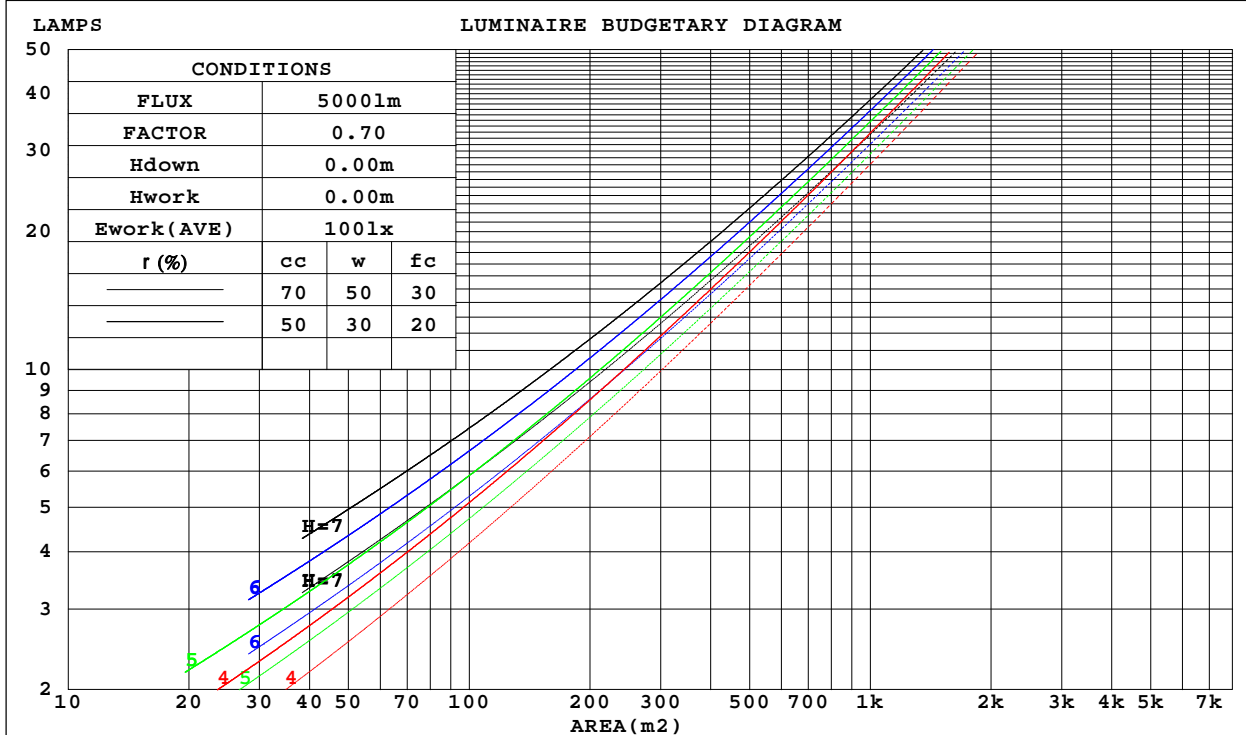
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-05-19

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:0.1324A P:15.903W PF:0.9955 Freq:59.98Hz Lamp Flux:1207.86x1 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	.26
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:0.1324A P:15.903W PF:0.9955 Freq:59.98Hz Lamp Flux:1207.86x1 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	.180	.057	.302	.173	.055	.289	.167	.053	.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	.042	.248	.136	.042	.238	.132	.041	
4.0	.253	.131	.039	.247	.129	.038	.237	.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	.099	.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	.080	.023	.155	.079	.023	
10.0	.164	.079	.022	.161	.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	.168	.146	.166	.145	.125	.113	.099	.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	.070	.146	.098	.061	.101	.068	.043	.058	.040	.025	.019	.013	.008	
5.0	.163	.103	.060	.140	.089	.052	.096	.062	.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	.076	.040	.088	.054	.028	.051	.032	.017	.017	.010	.006	
8.0	.142	.082	.041	.122	.071	.036	.085	.050	.026	.049	.030	.015	.016	.010	.005	
9.0	.136	.077	.038	.117	.067	.033	.081	.047	.023	.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:0.1324A P:15.903W PF:0.9955 Freq:59.98Hz Lamp Flux:1207.86x1 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	23.3	24.9	23.6	25.2	25.6	23.2	24.8	23.6	25.2	25.5
3H	25.2	26.7	25.6	27.1	27.5	25.1	26.6	25.5	26.9	27.3
4H	26.0	27.4	26.4	27.8	28.2	25.9	27.2	26.3	27.6	28.0
6H	26.7	28.0	27.1	28.3	28.8	26.5	27.8	26.9	28.2	28.6
8H	26.9	28.1	27.4	28.6	29.0	26.7	27.9	27.2	28.4	28.8
12H	27.1	28.3	27.6	28.7	29.2	26.9	28.1	27.4	28.5	29.0
4H 2H	23.9	25.3	24.3	25.7	26.1	23.9	25.3	24.3	25.6	26.1
3H	26.1	27.3	26.5	27.7	28.2	26.0	27.2	26.4	27.6	28.0
4H	27.0	28.1	27.5	28.5	29.0	26.9	28.0	27.3	28.4	28.9
6H	27.8	28.8	28.3	29.2	29.7	27.6	28.6	28.1	29.0	29.5
8H	28.2	29.0	28.6	29.5	30.0	27.9	28.8	28.4	29.3	29.8
12H	28.4	29.2	28.9	29.7	30.2	28.2	29.0	28.7	29.5	30.0
8H 4H	27.4	28.3	27.9	28.7	29.2	27.3	28.1	27.7	28.6	29.1
6H	28.3	29.1	28.9	29.6	30.1	28.2	28.9	28.7	29.4	29.9
8H	28.8	29.4	29.3	30.0	30.5	28.5	29.2	29.1	29.7	30.3
12H	29.1	29.7	29.7	30.2	30.8	28.9	29.5	29.4	30.0	30.6
12H 4H	27.4	28.2	27.9	28.7	29.2	27.3	28.1	27.8	28.6	29.1
6H	28.4	29.1	29.0	29.6	30.2	28.3	28.9	28.8	29.4	30.0
8H	28.9	29.5	29.4	30.0	30.6	28.7	29.3	29.2	29.8	30.4
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:0.1324A P:15.903W PF:0.9955 Freq:59.98Hz Lamp Flux:1207.86x1 lm		
NAME: LED DOWN LIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.12*0.12	Shielding Angle:

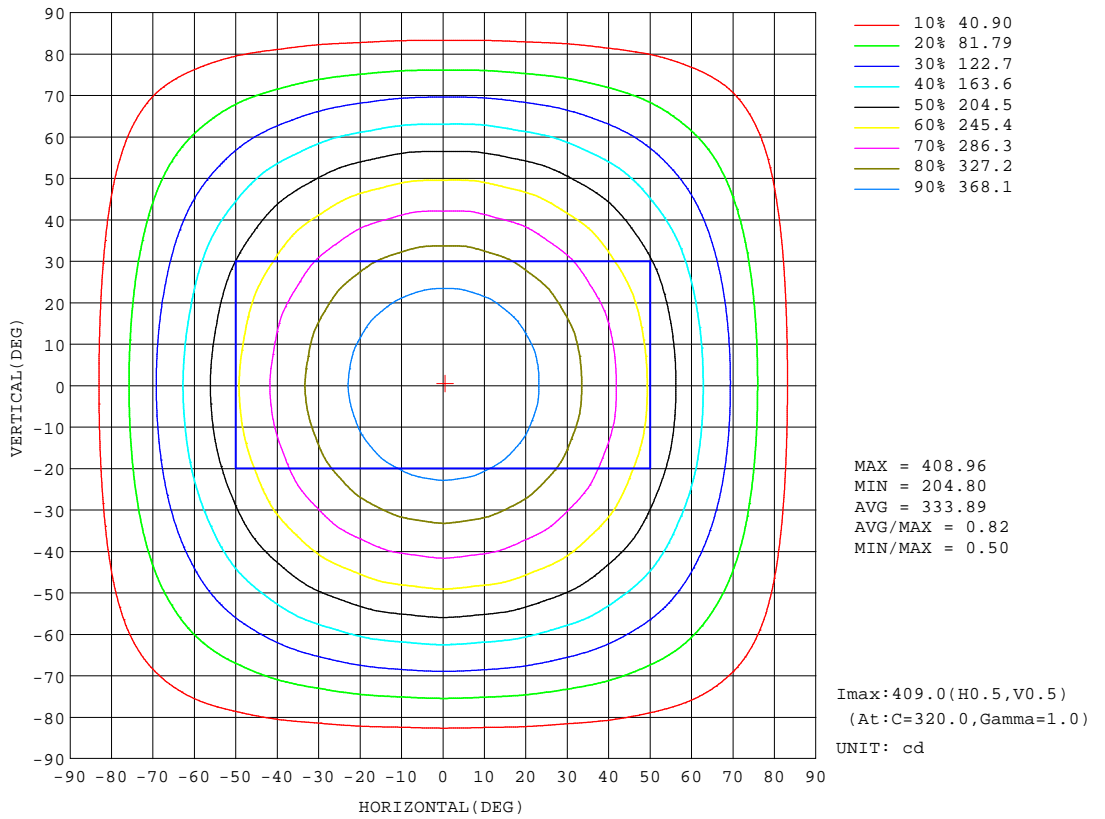
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	45	38	56	44	38	54	44	37	31
0.80	66	55	47	65	54	47	63	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	77	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:0.1324A P:15.903W PF:0.9955 Freq:59.98Hz Lamp Flux:1207.86x1 lm		
NAME: LED DOWN LIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.12*0.12	Shielding Angle:



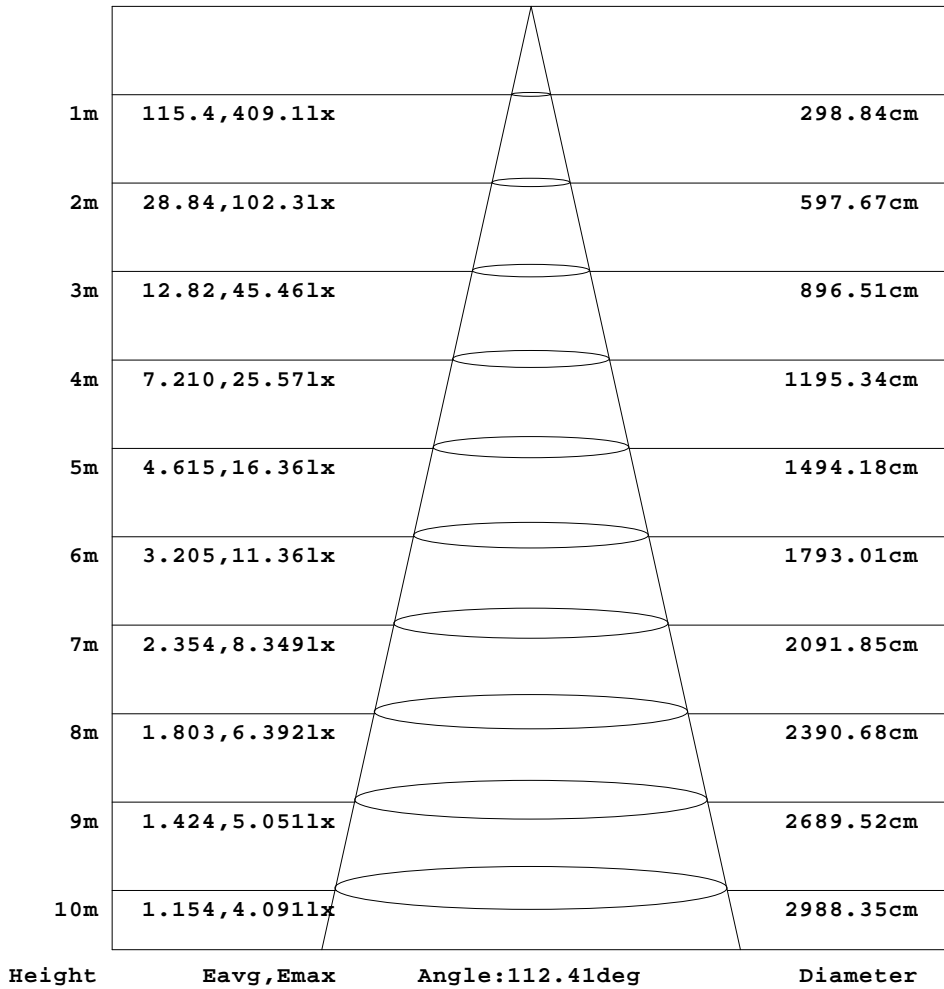
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-05-19

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:0.1324A P:15.903W PF:0.9955 Freq:59.98Hz Lamp Flux:1207.86x1 lm		
NAME: LED DOWN LIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.12*0.12	Shielding Angle:

Flux out:859.4 lm



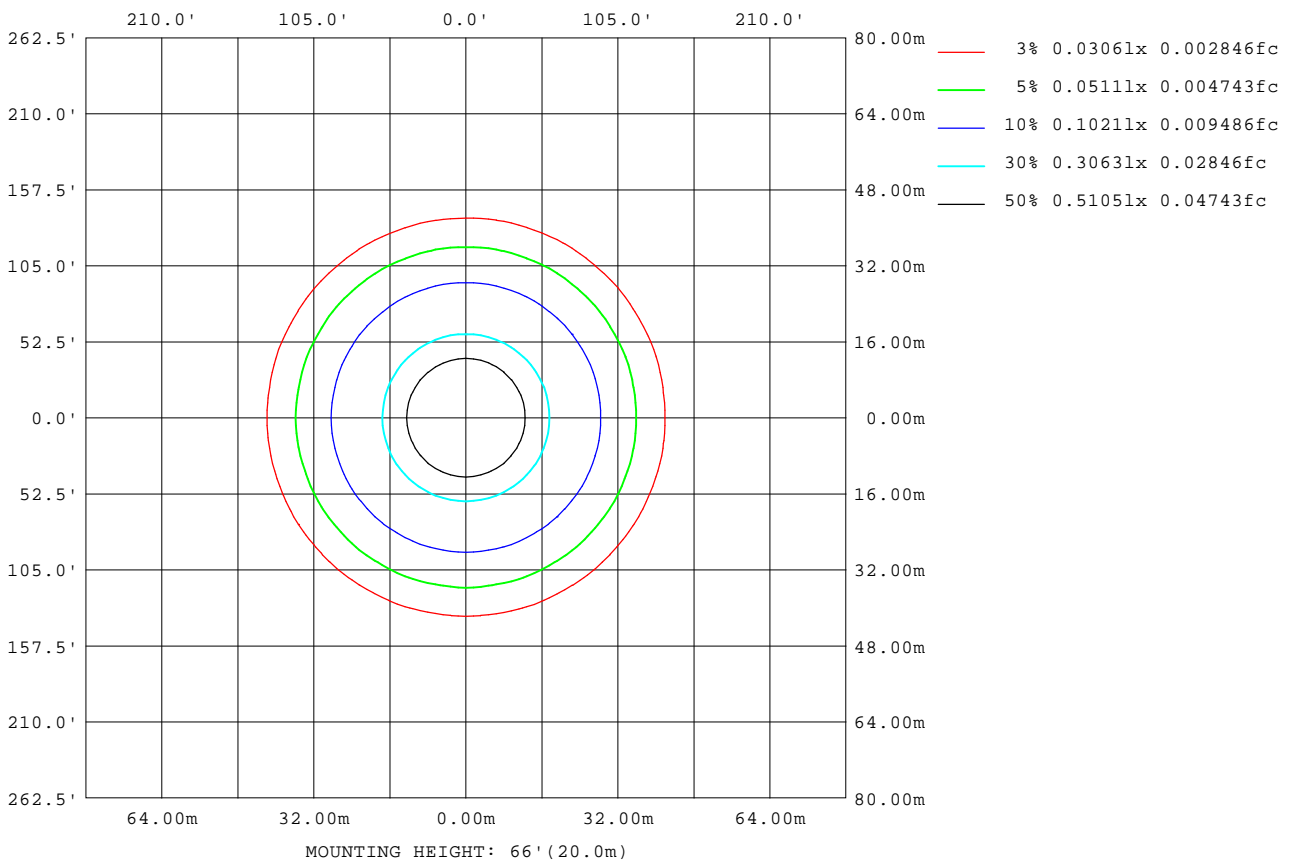
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.1324A P:15.903W PF:0.9955 Freq:59.98Hz Lamp Flux:1207.86x1 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:0.1324A P:15.903W PF:0.9955 Freq:59.98Hz Lamp Flux:1207.86x1 lm		
NAME: LED DOWN LIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.12*0.12	Shielding Angle:

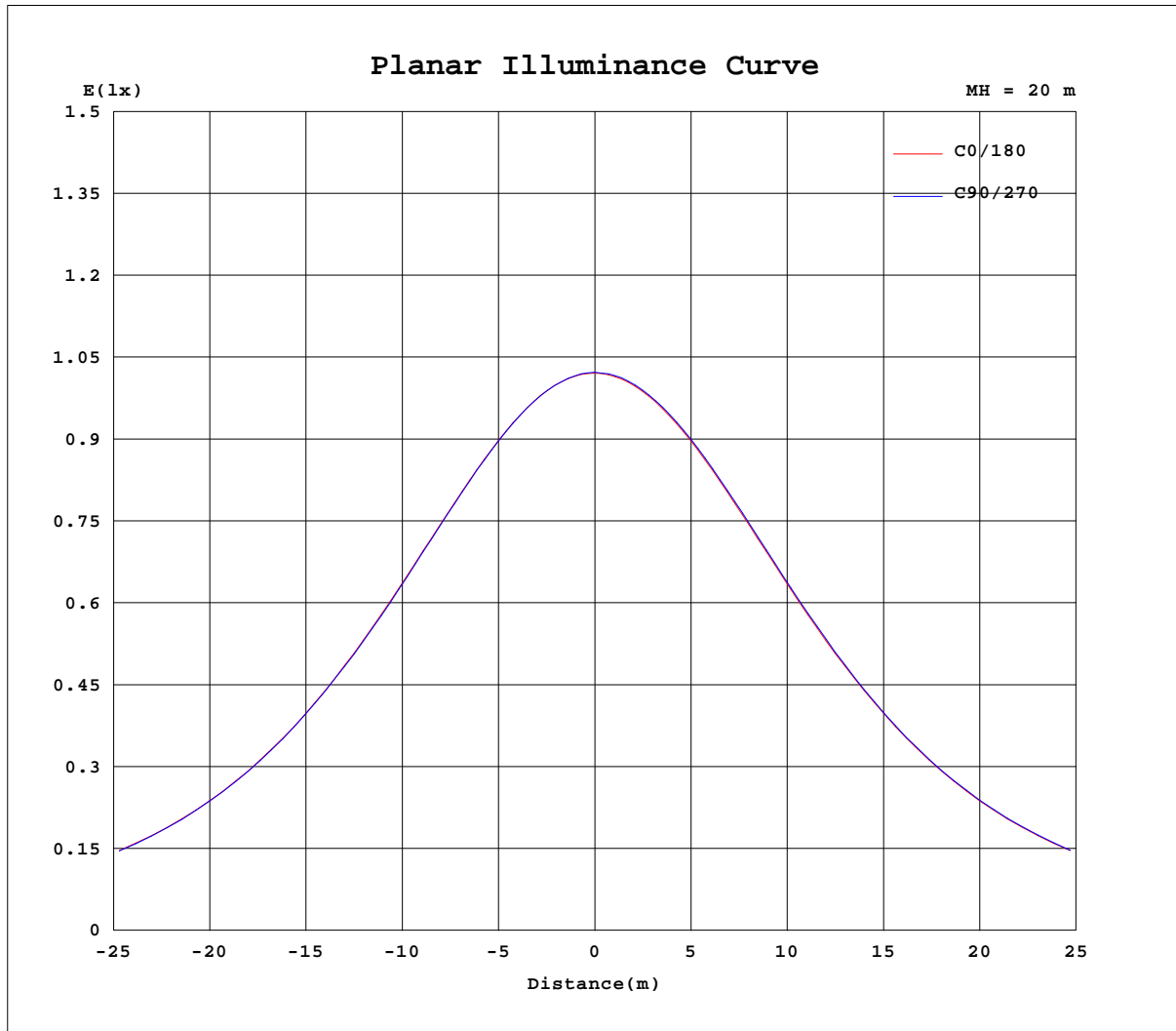
AvgL	cd/m2
L_0~180(65)av	24647
L_0~180(75)av	23389
L_0~180(85)av	24942
L_90~270(65)av	24581
L_90~270(75)av	23217
L_90~270(85)av	24592
L_45(65)av	24631
L_45(75)av	23316
L_45(85)av	25220

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:0.1324A P:15.903W PF:0.9955 Freq:59.98Hz Lamp Flux:1207.86x1 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	409	409	409	409	409	409	409	409	409	409	409	409	409	409	409	409	409	409	409
5	407	407	407	407	407	407	406	407	406	406	407	407	406	407	407	406	407	406	407
10	401	401	401	401	401	401	401	401	400	400	400	400	400	400	400	400	400	400	401
15	391	392	391	391	391	391	391	391	390	391	390	390	390	390	390	390	390	390	391
20	378	378	378	378	378	378	377	378	377	377	377	377	376	377	377	377	376	377	378
25	362	362	361	362	361	361	361	361	360	360	360	360	360	360	360	360	360	360	361
30	343	343	342	342	341	342	341	341	340	341	340	341	340	340	340	341	340	341	342
35	320	322	320	321	319	320	319	320	318	319	318	319	317	319	318	319	318	319	320
40	296	297	295	297	295	296	294	295	293	295	293	295	293	294	293	295	293	295	296
45	270	271	269	270	268	270	268	269	267	268	267	268	266	268	266	268	267	268	269
50	241	243	241	242	240	241	239	241	239	240	238	240	238	240	238	240	239	240	241
55	212	213	211	212	210	212	210	211	209	210	209	210	208	210	209	210	209	211	212
60	181	182	180	182	180	181	179	180	178	180	178	179	178	179	178	180	178	180	181
65	150	151	150	150	149	149	148	149	147	148	147	148	147	148	147	148	148	149	150
70	119	119	118	118	117	117	116	117	116	116	115	116	115	116	116	116	116	117	118
75	87.6	87.9	86.9	87.1	86.0	86.1	85.0	85.3	84.4	84.8	84.1	84.7	84.1	85.0	84.6	85.3	85.1	86.0	86.7
80	58.2	58.4	57.5	57.6	56.6	56.6	55.6	55.8	55.0	55.3	54.7	55.3	54.8	55.6	55.3	56.1	56.0	56.8	57.4
85	31.6	30.9	29.7	30.7	30.9	30.9	30.0	30.1	29.3	29.6	29.0	29.6	29.3	30.1	30.0	30.2	29.6	30.1	31.0
90	13.8	10.6	9.35	12.8	12.7	12.5	11.7	11.6	11.1	11.3	11.0	11.4	11.4	12.0	12.1	12.4	9.49	8.30	13.0
95	4.33	3.54	1.27	1.36	1.80	0.34	0.31	0.24	0.33	0.30	0.31	0.29	0.30	0.31	0.30	0.97	0.44	1.88	3.39
100	1.31	1.35	1.11	0.62	0.58	0.59	0.44	0.44	0.52	0.43	0.46	0.43	0.41	0.55	0.54	0.54	0.72	0.85	1.17
105	2.91	3.58	2.30	1.48	1.22	0.84	0.83	0.76	0.80	0.78	0.81	0.89	1.15	1.08	0.84	1.11	2.00	2.39	2.70
110	4.18	4.29	3.58	2.46	1.82	1.62	1.41	1.26	1.25	1.30	1.35	1.32	1.36	1.25	2.13	3.35	3.63	4.07	4.02
115	5.80	5.47	5.18	3.86	2.84	2.26	1.89	1.78	1.78	1.75	1.80	1.85	2.25	2.15	3.73	4.48	5.50	5.12	5.07
120	6.50	6.67	6.79	5.78	3.58	2.78	2.35	2.25	2.26	2.31	2.49	2.81	3.35	2.93	4.46	5.41	6.28	6.14	6.16
125	6.96	6.95	6.83	6.19	4.88	3.28	2.65	2.57	2.68	2.76	3.00	3.31	3.73	2.99	4.96	6.03	6.37	6.55	7.03
130	7.15	6.98	6.59	5.74	4.74	3.90	3.66	3.33	3.32	3.33	3.52	3.71	3.77	3.10	4.94	6.04	6.42	6.76	7.36
135	6.99	6.86	6.32	5.21	4.23	2.99	2.90	3.67	3.58	3.63	3.65	3.60	4.24	1.93	4.95	5.26	5.75	6.65	7.22
140	5.88	5.70	5.33	4.69	3.32	1.36	2.37	2.85	3.08	3.52	3.40	2.21	2.38	1.32	3.50	5.01	5.37	5.55	5.82
145	5.43	5.23	5.00	3.68	1.57	1.27	1.65	1.96	2.59	2.50	2.76	1.61	1.45	1.41	1.24	2.22	5.03	5.16	5.29
150	2.18	1.91	1.75	1.49	1.50	1.58	1.26	1.42	2.19	2.14	1.79	1.56	1.60	1.34	2.03	1.97	1.60	1.91	1.96
155	1.81	1.51	2.03	2.36	1.94	1.38	1.49	1.83	2.11	1.45	1.91	2.53	2.47	1.43	1.89	2.06	1.76	1.75	1.68
160	1.61	1.63	1.64	1.53	1.45	1.81	3.17	3.99	3.16	1.96	1.63	2.50	3.46	2.52	1.51	1.66	1.80	1.46	1.50
165	2.39	2.65	2.80	1.89	1.79	1.95	2.55	2.31	2.05	1.67	1.78	2.63	3.38	3.52	3.03	1.82	1.83	2.45	2.91
170	2.35	2.63	2.23	2.00	1.95	1.89	1.92	1.73	1.71	1.63	1.58	1.78	1.87	1.85	1.76	1.69	1.74	1.67	2.09
175	1.62	1.62	1.65	1.64	1.65	1.65	1.63	1.58	1.67	1.69	1.64	1.65	1.66	1.67	1.64	1.60	1.72	1.64	1.67
180	1.63	1.63	1.71	1.69	1.68	1.69	1.63	1.60	1.73	1.76	1.71	1.71	1.70	1.71	1.69	1.64	1.76	1.69	1.70

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:0.1324A P:15.903W PF:0.9955 Freq:59.98Hz Lamp Flux:1207.86x1 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	409	409	409	409	409	409	409	409	409	409	409	409	409	409	409	409	409		
5	406	407	407	407	407	407	407	407	407	407	407	407	407	407	407	407	407		
10	400	401	401	401	401	401	401	401	401	401	401	402	401	402	401	402	401		
15	390	391	391	391	391	392	392	392	392	392	392	392	392	392	392	392	392		
20	377	378	378	378	378	379	378	379	379	379	379	379	379	380	379	380	379		
25	361	361	361	362	361	362	362	363	362	363	363	363	363	363	363	363	363		
30	341	342	341	342	342	343	342	343	343	344	343	344	343	344	343	344	343		
35	319	320	319	321	320	322	321	322	321	323	321	323	321	323	323	321	323		
40	294	296	295	297	296	297	296	298	297	298	297	299	297	299	297	299	297		
45	268	270	268	271	269	271	270	272	270	272	271	272	271	273	271	272	270		
50	240	242	241	242	241	243	242	244	242	244	243	244	243	245	243	244	242		
55	210	212	211	213	212	214	212	214	213	215	213	215	213	215	213	215	213		
60	180	182	180	182	181	183	182	184	182	184	183	184	183	184	183	184	182		
65	149	150	150	151	150	152	151	152	151	153	152	153	152	153	151	152	151		
70	117	118	118	119	119	120	119	120	120	121	120	121	120	121	120	121	120		
75	86.2	87.3	86.9	87.9	87.3	88.3	87.8	88.8	88.3	89.3	88.7	89.6	88.8	89.5	88.6	89.3	88.2		
80	57.0	57.9	57.5	58.3	57.8	58.5	58.0	58.8	58.3	59.2	58.8	59.6	59.1	59.8	59.1	59.6	58.8		
85	31.7	32.4	32.0	32.5	32.0	32.4	32.0	32.5	32.1	32.8	32.6	33.2	33.0	33.6	33.2	33.7	33.1		
90	13.7	14.1	13.7	13.9	13.4	13.5	13.4	13.6	13.3	13.7	13.7	14.0	13.9	14.4	14.3	14.7	14.5		
95	2.49	0.70	1.47	0.91	0.30	0.31	0.35	1.00	0.89	1.07	0.35	0.30	0.29	1.85	2.12	0.98	3.09		
100	1.14	0.68	0.57	0.46	0.48	0.52	0.53	0.52	0.44	0.49	0.47	0.46	0.51	0.54	0.49	0.71	1.00		
105	3.16	1.46	1.42	1.03	0.88	0.83	0.78	0.75	0.74	0.75	0.79	0.89	1.05	0.87	1.04	1.54	1.65		
110	3.85	2.13	1.87	1.71	1.74	1.37	1.30	1.23	1.27	1.30	1.31	1.30	1.30	2.41	4.15	3.81	3.17		
115	4.98	4.53	3.02	2.18	2.18	1.87	1.88	1.77	1.75	1.65	1.74	2.16	1.79	3.69	4.68	4.94	5.45		
120	5.83	5.53	4.70	2.82	2.63	2.23	2.28	2.25	2.31	2.44	2.69	3.10	2.16	4.32	5.44	5.79	6.42		
125	6.41	5.97	5.44	3.93	3.08	2.62	2.63	2.63	2.72	2.92	3.29	3.77	2.40	5.13	6.47	6.41	6.67		
130	6.97	6.17	5.13	3.97	4.00	3.37	3.18	3.10	3.25	3.46	3.75	4.22	2.72	5.74	6.82	6.76	6.89		
135	6.89	5.70	4.58	4.00	3.82	3.49	3.83	3.67	3.67	3.79	4.11	4.24	1.96	4.58	5.88	6.44	6.88		
140	5.62	5.12	4.37	3.20	1.86	3.18	3.84	3.96	3.96	4.05	4.16	4.32	1.57	3.16	5.53	5.53	5.80		
145	5.09	4.68	3.10	1.37	1.39	2.00	2.71	3.21	3.53	3.56	1.95	2.31	1.59	1.31	3.81	5.38	5.54		
150	1.76	1.49	1.77	1.80	1.50	1.55	1.84	2.10	1.94	2.10	2.05	1.61	1.59	2.09	1.68	1.61	2.24		
155	1.45	1.76	2.26	2.09	1.41	1.83	2.42	1.86	1.46	2.29	2.58	1.78	1.46	1.87	1.98	1.63	1.96		
160	1.79	1.52	1.50	1.54	2.15	3.49	4.04	3.10	1.62	2.11	2.88	3.35	2.40	1.51	1.70	1.96	1.78		
165	3.37	3.34	2.30	2.29	1.89	2.75	2.16	1.79	1.84	2.58	3.97	3.90	3.62	3.10	1.82	1.92	2.53		
170	2.21	2.09	2.24	2.04	1.86	1.86	1.70	1.77	1.86	2.00	2.14	2.25	1.80	1.61	1.73	1.77	1.98		
175	1.66	1.65	1.70	1.72	1.68	1.65	1.66	1.65	1.65	1.62	1.72	1.69	1.68	1.70	1.64	1.64	1.63		
180	1.66	1.66	1.71	1.75	1.70	1.71	1.71	1.71	1.71	1.65	1.72	1.72	1.68	1.71	1.66	1.66	1.66		

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: