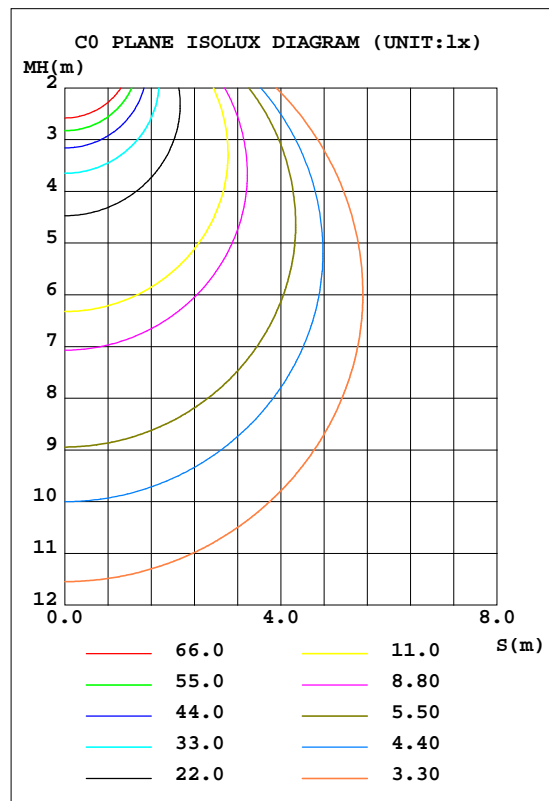
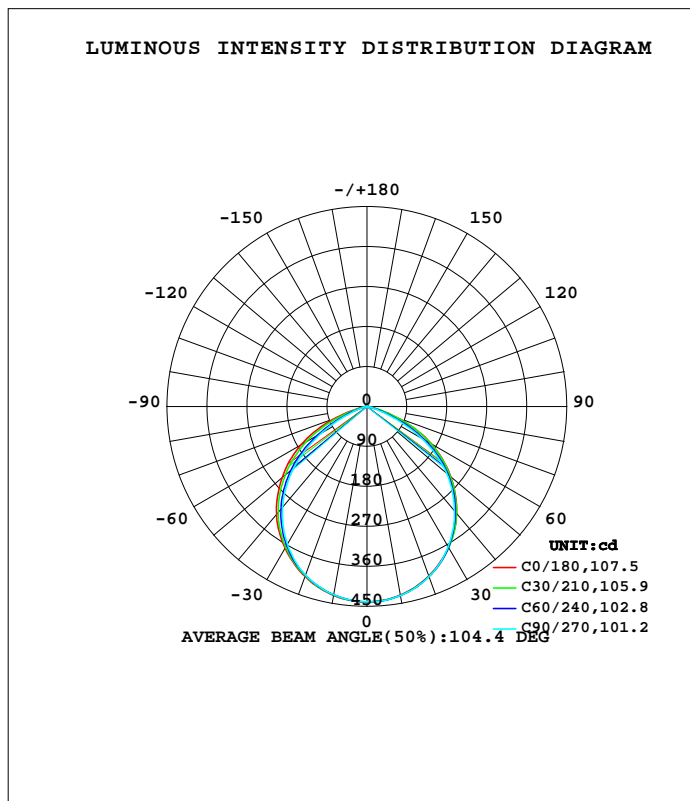


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.17V I:0.1185A P:13.616W PF:0.9563 Freq:59.98Hz Lamp Flux:1000x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.: 2700K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 78.69 lm/W			
MODEL	ASD-LRKR-6D15CC-WH	I <sub>max</sub> (cd)	440.1	S/MH(C0/180)	1.25
NOMINAL POWER(W)	15W	LOR(%)	100.0	S/MH(C90/270)	1.22
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1000	h UP, DN(C0-180)	0.5,50.5
NOMINAL FLUX(lm)	1000	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.5,48.6
LAMPS INSIDE	1	h up(%)	0.9	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	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:2021-04-05

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=1.1125]  
 Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

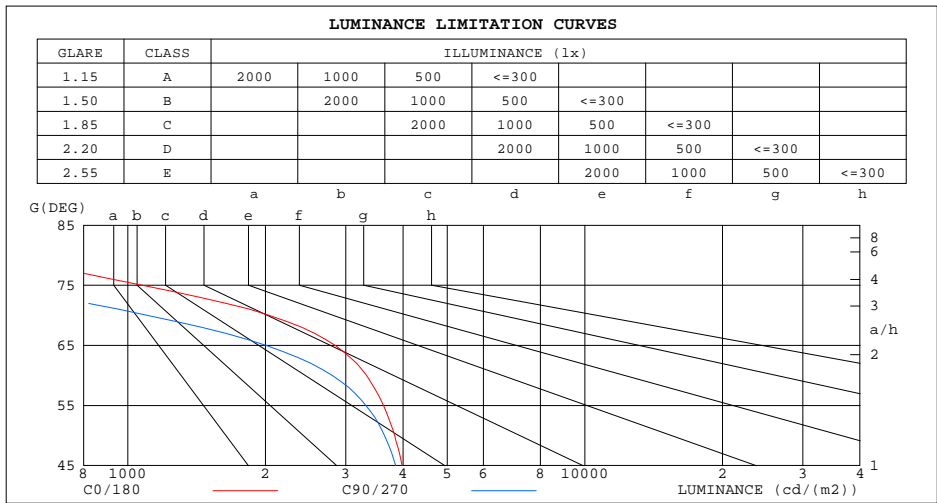
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	431.1	432.1	432.2	432.3	431.8	430.7	430.3	430.5	0- 10	41.59	41.59	3.88,3.88
20	406.2	407.8	408.1	408.3	407.5	405.3	404.3	404.8	10- 20	118.8	160.3	15,15
30	366.8	368.0	365.2	368.1	368.6	363.4	358.4	362.6	20- 30	178.7	339.0	31.6,31.6
40	314.0	313.4	306.8	313.3	316.9	305.0	295.7	303.9	30- 40	211.8	550.8	51.4,51.4
50	246.6	244.1	234.4	243.8	249.9	231.2	215.5	229.7	40- 50	211.3	762.1	71.1,71.1
60	166.4	160.5	140.1	159.4	170.6	141.4	115.6	139.4	50- 60	173.5	935.5	87.3,87.3
70	69.71	59.73	37.66	55.41	73.22	44.79	29.31	42.86	60- 70	98.09	1034	96.5,96.5
80	9.116	7.744	6.227	7.354	9.020	6.888	5.859	6.826	70- 80	24.50	1058	98.8,98.8
90	0.4055	0.5018	0.2747	0.3454	0.4073	0.5028	0.3007	0.3079	80- 90	3.239	1061	99.1,99.1
100	0.7743	1.082	0.5849	0.5912	0.7418	0.8749	0.5578	0.5627	90-100	0.5566	1062	99.1,99.1
110	1.215	1.422	0.9749	1.015	1.154	1.193	0.9593	0.9974	100-110	0.9456	1063	99.2,99.2
120	1.683	1.667	1.454	1.461	1.589	1.572	1.428	1.410	110-120	1.302	1064	99.3,99.3
130	2.107	1.901	1.845	1.879	1.985	1.828	1.879	1.861	120-130	1.555	1066	99.5,99.5
140	2.385	2.291	2.268	2.253	2.247	2.214	2.213	2.235	130-140	1.620	1067	99.6,99.6
150	2.748	2.682	2.675	2.654	2.626	2.625	2.626	2.642	140-150	1.548	1069	99.8,99.8
160	3.116	3.100	3.038	3.011	3.022	3.038	3.011	3.016	150-160	1.312	1070	99.9,99.9
170	3.344	3.323	3.322	3.306	3.284	3.294	3.306	3.322	160-170	0.8980	1071	100,100
180	3.490	3.506	3.484	3.506	3.490	3.506	3.478	3.512	170-180	0.3234	1071	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:2021-04-05

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=1.1125]  
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.17V I:0.1185A P:13.616W PF:0.9563 Freq:59.98Hz Lamp Flux:1000x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.: 2700K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	437	133
80	525	359
75	1075	516
70	2038	1101
65	2842	2008
60	3329	2802
55	3627	3322
50	3836	3647
45	3986	3858

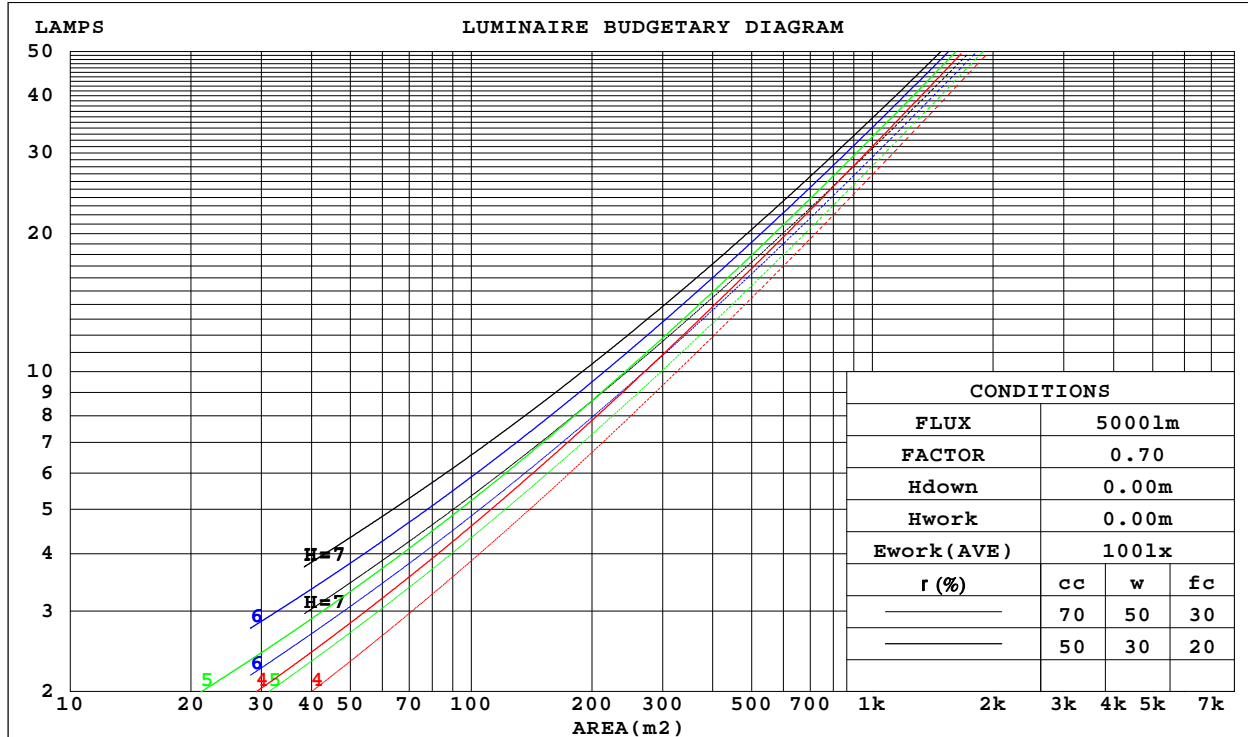
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2021-04-05

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=1.1125]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.17V I:0.1185A P:13.616W PF:0.9563 Freq:59.98Hz Lamp Flux:1000x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.: 2700K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

r <sub>cc</sub>	80%			70%			50%			30%			10%			0
r <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r <sub>fc</sub>	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	1.03	.99	1.04	1.01	.98	.90	.97	.94	.96	.93	.91	.92	.90	.89	.86
2.0	.94	.88	.83	.92	.87	.82	.89	.84	.80	.85	.81	.78	.82	.79	.76	.74
3.0	.84	.76	.70	.82	.75	.70	.79	.73	.68	.76	.71	.67	.73	.69	.66	.64
4.0	.75	.66	.60	.73	.66	.60	.71	.64	.59	.68	.63	.58	.66	.61	.57	.55
5.0	.67	.59	.52	.66	.58	.52	.64	.57	.51	.62	.56	.51	.60	.54	.50	.48
6.0	.60	.52	.46	.59	.52	.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	.36	.49	.42	.36	.48	.41	.36	.47	.40	.36	.46	.40	.36	.34
9.0	.46	.38	.33	.46	.38	.33	.44	.37	.33	.43	.37	.32	.42	.36	.32	.30
10.0	.43	.35	.30	.42	.35	.30	.41	.34	.30	.40	.34	.29	.39	.33	.29	.28



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-04-05

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=1.1125]  
 Remarks:

WEC AND CCEC

Test:U:120.17V I:0.1185A P:13.616W PF:0.9563 Freq:59.98Hz Lamp Flux:1000x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.: 2700K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

rcc	80%			70%			50%			30%			10%			0
rw	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	.261	.148	.047	.253	.145	.046	.240	.138	.044	.227	.131	.042	.216	.125	.040	
2.0	.255	.140	.043	.248	.137	.042	.237	.132	.041	.226	.127	.040	.216	.122	.038	
3.0	.242	.129	.039	.236	.127	.038	.226	.122	.037	.216	.118	.036	.207	.115	.035	
4.0	.228	.118	.035	.223	.116	.034	.213	.113	.034	.205	.110	.033	.197	.107	.033	
5.0	.213	.109	.031	.209	.107	.031	.201	.105	.031	.193	.102	.030	.186	.099	.030	
6.0	.200	.100	.029	.196	.099	.029	.189	.097	.028	.182	.094	.028	.175	.092	.027	
7.0	.188	.093	.026	.184	.092	.026	.178	.090	.026	.171	.088	.026	.166	.086	.025	
8.0	.177	.086	.024	.173	.085	.024	.168	.084	.024	.162	.082	.024	.157	.080	.023	
9.0	.166	.081	.022	.164	.080	.022	.158	.078	.022	.153	.077	.022	.148	.075	.022	
10.0	.157	.075	.021	.155	.075	.021	.150	.073	.021	.145	.072	.020	.141	.071	.020	

rcc	80%			70%			50%			30%			10%			0
rw	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	.198	.198	.198	.169	.169	.169	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.184	.164	.145	.158	.141	.125	.108	.097	.087	.062	.056	.050	.020	.018	.016	
2.0	.175	.139	.110	.150	.120	.095	.102	.083	.066	.059	.048	.039	.019	.016	.013	
3.0	.166	.121	.086	.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	.050	.090	.059	.035	.052	.035	.021	.017	.011	.007	
6.0	.145	.089	.048	.125	.077	.042	.086	.054	.030	.050	.032	.018	.016	.010	.006	
7.0	.139	.082	.042	.119	.071	.037	.082	.050	.026	.048	.029	.015	.015	.010	.005	
8.0	.133	.076	.037	.114	.066	.032	.079	.046	.023	.046	.027	.014	.015	.009	.005	
9.0	.127	.071	.034	.109	.062	.029	.076	.043	.021	.044	.026	.012	.014	.008	.004	
10.0	.122	.067	.031	.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:2021-04-05

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=1.1125]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.17V I:0.1185A P:13.616W PF:0.9563 Freq:59.98Hz Lamp Flux:1000x1 lm										
NAME: LED DOWNLIGHT					TYPE:			WEIGHT:		
SPEC.: 2700K					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	16.8	18.4	17.2	18.7	19.0	16.1	17.6	16.5	17.9	18.3
3H	17.9	19.3	18.3	19.6	20.0	16.5	17.9	16.9	18.2	18.6
4H	18.0	19.3	18.4	19.7	20.1	16.5	17.8	16.9	18.2	18.6
6H	18.0	19.2	18.4	19.6	20.0	16.5	17.6	16.9	18.0	18.4
8H	18.0	19.1	18.4	19.5	19.9	16.5	17.6	16.9	18.0	18.4
12H	18.0	19.0	18.4	19.4	19.9	16.4	17.5	16.9	17.9	18.3
4H 2H	17.2	18.5	17.6	18.8	19.2	16.6	17.8	17.0	18.2	18.6
3H	18.4	19.4	18.8	19.8	20.3	17.0	18.1	17.5	18.5	18.9
4H	18.5	19.4	19.0	19.9	20.3	17.0	18.0	17.5	18.4	18.9
6H	18.5	19.3	19.0	19.8	20.3	17.0	17.8	17.5	18.3	18.8
8H	18.5	19.3	19.0	19.7	20.2	17.0	17.7	17.5	18.2	18.7
12H	18.5	19.2	19.0	19.6	20.1	17.0	17.6	17.5	18.1	18.6
8H 4H	18.5	19.2	19.0	19.7	20.2	17.0	17.8	17.5	18.3	18.7
6H	18.5	19.1	19.0	19.6	20.1	17.0	17.6	17.5	18.1	18.6
8H	18.5	19.0	19.0	19.5	20.0	17.0	17.5	17.5	18.1	18.6
12H	18.4	18.9	19.0	19.4	20.0	17.0	17.4	17.5	18.0	18.5
12H 4H	18.4	19.1	18.9	19.6	20.1	17.0	17.7	17.5	18.2	18.7
6H	18.4	19.0	19.0	19.5	20.0	17.0	17.5	17.5	18.0	18.6
8H	18.4	18.9	19.0	19.4	20.0	17.0	17.4	17.5	18.0	18.5
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:2021-04-05

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=1.1125]  
Remarks:

## UTILIZATION FACTORS TABLE

Test:U:120.17V I:0.1185A P:13.616W PF:0.9563 Freq:59.98Hz Lamp Flux:1000x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.: 2700K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

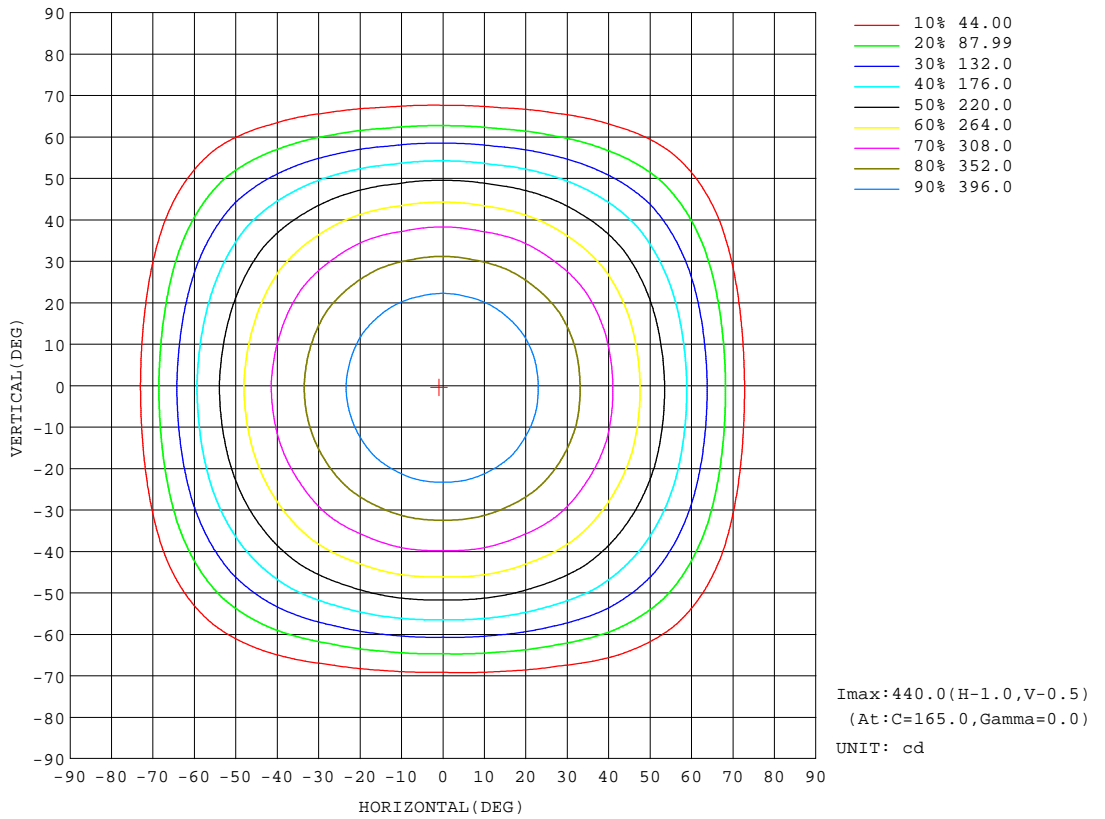
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	61	50	43	60	50	43	59	49	43	37
0.80	71	61	54	70	60	54	69	59	53	47
1.00	80	70	63	79	69	63	77	70	63	56
1.25	87	78	71	86	77	71	83	76	70	63
1.50	92	83	77	90	82	77	87	81	75	68
2.00	98	91	85	97	90	85	93	88	83	76
2.50	102	95	90	100	94	89	96	91	87	79
3.00	105	99	94	103	97	93	99	94	91	83
4.00	108	103	99	106	102	98	102	98	95	87
5.00	110	106	103	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: 2021-04-05

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=1.1125]  
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.17V I:0.1185A P:13.616W PF:0.9563 Freq:59.98Hz Lamp Flux:1000x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.: 2700K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:



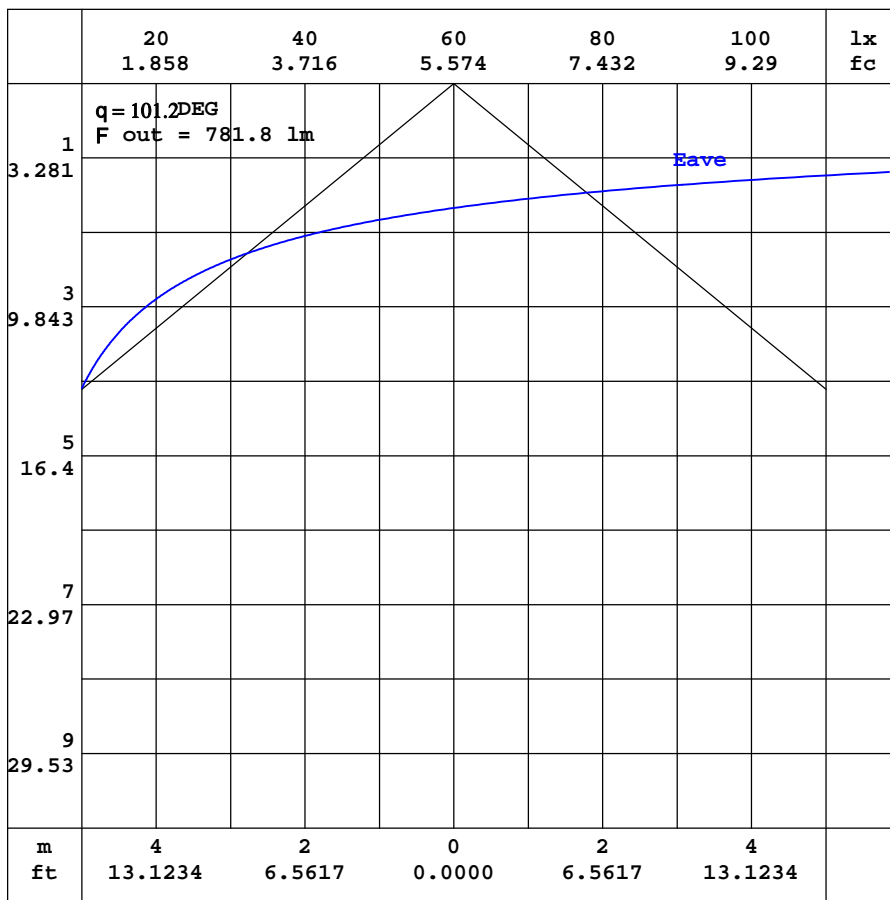
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-04-05

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=1.1125]  
 Remarks:



AAI CURVES

Test:U:120.17V I:0.1185A P:13.616W PF:0.9563 Freq:59.98Hz Lamp Flux:1000x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.: 2700K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:



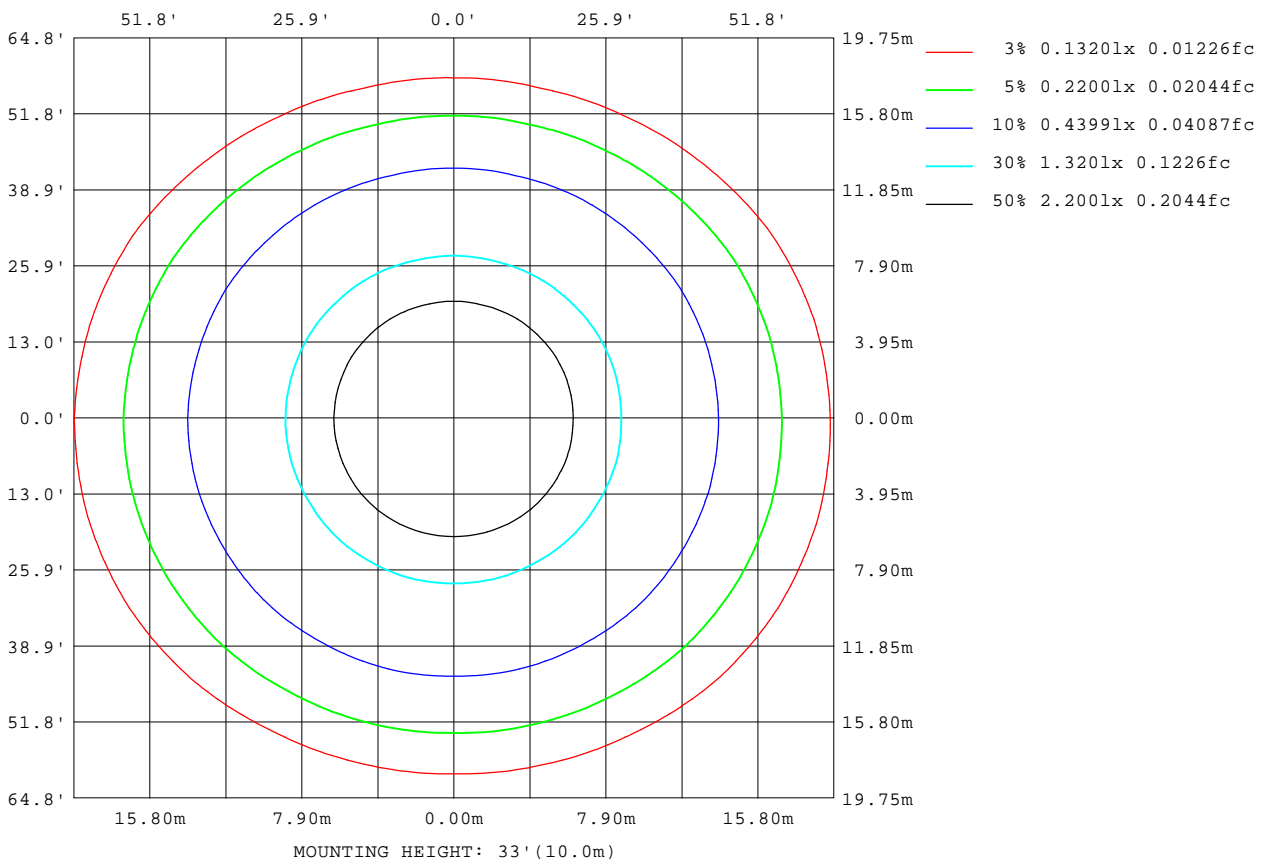
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-04-05

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=1.1125]  
 Remarks:

ISOLUX DIAGRAM

Test:U:120.17V I:0.1185A P:13.616W PF:0.9563 Freq:59.98Hz Lamp Flux:1000x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.: 2700K	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: 2021-04-05

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=1.1125]  
 Remarks:

## LED Avg.L Report

Test:U:120.17V I:0.1185A P:13.616W PF:0.9563 Freq:59.98Hz Lamp Flux:1000x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.: 2700K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

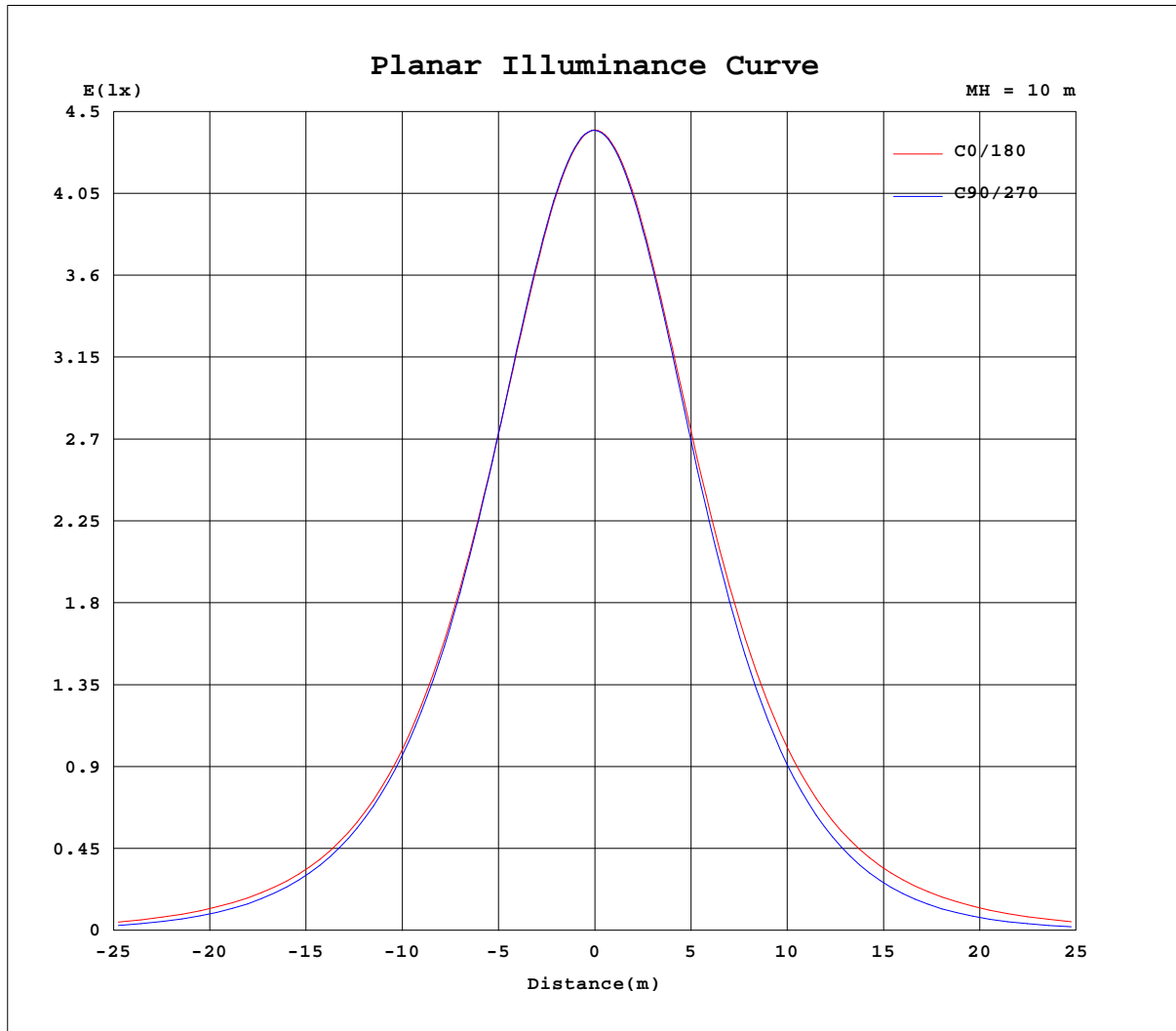
AvgL	cd/m2
L_0~180(65)av	2895
L_0~180(75)av	1093
L_0~180(85)av	428
L_90~270(65)av	1778
L_90~270(75)av	492
L_90~270(85)av	152
L_45(65)av	2357
L_45(75)av	733
L_45(85)av	272

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2021-04-05

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=1.1125]  
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2021-04-05

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=1.1125]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.17V I:0.1185A P:13.616W PF:0.9563 Freq:59.98Hz Lamp Flux:1000x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.: 2700K	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	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440
5	438	438	438	438	438	438	438	438	438	438	438	438	438	438	438	438	437	437	437
10	431	432	432	432	432	432	432	432	432	432	432	432	432	431	431	431	431	430	430
15	421	421	421	422	422	422	422	422	422	422	422	422	422	421	421	420	420	419	419
20	406	407	407	408	408	408	408	408	408	408	408	407	408	407	406	405	405	404	404
25	388	389	390	390	390	390	389	390	390	390	390	390	390	389	388	387	386	384	384
30	367	368	368	368	367	366	365	366	367	368	368	369	369	367	366	363	362	359	358
35	342	344	343	343	340	340	338	340	340	342	343	344	344	343	341	336	334	329	330
40	314	316	314	313	310	309	307	309	310	313	314	316	317	314	311	305	301	296	296
45	282	284	281	280	276	275	273	275	276	280	281	284	285	281	277	270	265	258	258
50	247	248	245	244	239	237	234	237	239	244	245	249	250	245	240	231	224	217	216
55	208	210	207	204	197	194	191	194	197	204	207	211	212	206	200	188	178	169	168
60	166	168	165	161	150	144	140	143	149	159	166	170	171	165	157	141	128	118	116
65	120	122	119	111	97.0	88.8	84.9	87.6	94.3	108	119	124	125	119	109	91.0	76.5	67.5	65.4
70	69.7	71.9	68.6	59.7	47.2	40.9	37.7	39.4	44.0	55.4	66.5	72.4	73.2	68.2	59.5	44.8	35.3	30.4	29.3
75	27.8	29.1	27.1	22.4	17.1	14.4	13.4	13.8	15.4	19.7	24.4	27.9	28.8	26.3	22.7	17.2	14.2	12.3	12.1
80	9.12	9.38	8.63	7.74	7.00	6.53	6.23	6.36	6.59	7.35	8.08	8.86	9.02	8.57	7.89	6.89	6.38	5.89	5.86
85	3.81	3.73	3.36	2.64	1.92	1.54	1.16	1.33	1.61	2.17	2.75	3.42	3.65	3.41	2.92	2.27	1.90	1.58	1.49
90	0.41	0.50	0.49	0.50	0.42	0.33	0.27	0.25	0.25	0.35	0.43	0.47	0.41	0.50	0.51	0.50	0.36	0.30	0.30
95	0.58	0.64	0.60	0.74	0.55	0.48	0.42	0.37	0.36	0.41	0.51	0.57	0.56	0.65	0.65	0.64	0.49	0.43	0.38
100	0.77	0.90	0.76	1.08	0.75	0.62	0.58	0.54	0.52	0.59	0.69	0.75	0.74	0.87	0.80	0.87	0.64	0.59	0.56
105	0.96	1.10	1.03	1.42	0.91	0.79	0.77	0.74	0.72	0.79	0.89	0.93	0.93	1.27	1.06	1.05	0.84	0.76	0.75
110	1.21	1.27	1.21	1.42	1.12	1.02	0.97	0.95	0.96	1.01	1.09	1.16	1.15	1.40	1.23	1.19	1.07	0.99	0.96
115	1.44	1.47	1.44	1.52	1.34	1.25	1.21	1.17	1.19	1.23	1.33	1.39	1.37	1.49	1.43	1.38	1.29	1.23	1.20
120	1.68	1.68	1.66	1.67	1.56	1.49	1.45	1.42	1.42	1.46	1.55	1.62	1.59	1.64	1.62	1.57	1.52	1.47	1.43
125	1.89	1.88	1.86	1.70	1.79	1.73	1.70	1.66	1.64	1.67	1.78	1.82	1.80	1.87	1.85	1.63	1.73	1.69	1.66
130	2.11	2.10	2.04	1.90	1.99	1.85	1.84	1.85	1.86	1.88	1.92	2.02	1.98	1.99	2.03	1.83	1.92	1.89	1.88
135	2.19	2.16	2.14	2.10	2.20	2.15	2.06	2.07	2.05	2.08	2.10	2.14	2.06	2.06	2.04	2.02	2.10	2.08	2.07
140	2.39	2.36	2.34	2.29	2.33	2.32	2.27	2.27	2.25	2.25	2.29	2.33	2.25	2.25	2.24	2.21	2.19	2.27	2.21
145	2.59	2.65	2.52	2.49	2.47	2.47	2.48	2.45	2.44	2.45	2.49	2.60	2.45	2.54	2.43	2.42	2.40	2.47	2.43
150	2.75	2.73	2.70	2.68	2.68	2.67	2.68	2.64	2.64	2.65	2.68	2.72	2.63	2.63	2.63	2.63	2.61	2.61	2.63
155	2.92	2.89	2.88	2.87	2.86	2.87	2.86	2.87	2.85	2.84	2.86	2.88	2.80	2.81	2.79	2.81	2.80	2.82	2.83
160	3.12	3.05	3.04	3.10	3.10	3.03	3.04	3.02	3.03	3.01	3.04	3.08	3.02	2.99	2.98	3.04	3.04	3.00	3.01
165	3.24	3.19	3.18	3.23	3.24	3.19	3.19	3.17	3.17	3.17	3.18	3.22	3.18	3.15	3.15	3.18	3.18	3.17	3.18
170	3.34	3.32	3.32	3.32	3.33	3.33	3.32	3.31	3.30	3.31	3.32	3.33	3.28	3.30	3.30	3.29	3.28	3.29	3.31
175	3.44	3.44	3.44	3.46	3.44	3.42	3.41	3.41	3.42	3.45	3.45	3.44	3.40	3.41	3.43	3.42	3.41	3.40	3.41
180	3.49	3.48	3.49	3.51	3.49	3.48	3.48	3.48	3.50	3.51	3.51	3.49	3.49	3.49	3.49	3.51	3.49	3.48	3.48

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-04-05

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=1.1125]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.17V I:0.1185A P:13.616W PF:0.9563 Freq:59.98Hz Lamp Flux:1000x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.: 2700K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) g (DEG)	285	300	315	330	345														
0	440	440	440	440	440														
5	437	437	437	438	438														
10	430	430	431	431	431														
15	419	419	420	420	421														
20	404	405	405	406	406														
25	384	385	386	388	388														
30	358	361	363	366	367														
35	329	333	335	340	342														
40	295	300	304	310	313														
45	258	264	268	276	280														
50	216	223	230	239	244														
55	169	177	187	198	204														
60	117	126	139	154	162														
65	66.3	74.8	88.4	105	115														
70	29.9	34.5	42.9	56.2	65.6														
75	12.2	14.1	16.7	21.5	25.4														
80	5.90	6.39	6.83	7.82	8.69														
85	1.56	1.93	2.39	3.01	3.50														
90	0.24	0.26	0.31	0.36	0.37														
95	0.36	0.33	0.39	0.45	0.48														
100	0.53	0.51	0.56	0.62	0.67														
105	0.74	0.72	0.77	0.83	0.85														
110	0.96	0.94	1.00	1.04	1.09														
115	1.18	1.17	1.22	1.28	1.32														
120	1.40	1.40	1.41	1.51	1.55														
125	1.64	1.63	1.64	1.73	1.77														
130	1.84	1.86	1.86	1.91	1.96														
135	2.04	2.04	2.05	2.05	2.07														
140	2.22	2.22	2.24	2.25	2.26														
145	2.44	2.42	2.44	2.45	2.51														
150	2.64	2.63	2.64	2.64	2.65														
155	2.88	2.85	2.84	2.83	2.82														
160	3.05	3.04	3.02	3.00	3.04														
165	3.19	3.18	3.17	3.16	3.21														
170	3.33	3.33	3.32	3.31	3.32														
175	3.42	3.44	3.44	3.43	3.43														
180	3.47	3.50	3.51	3.50	3.50														

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-04-05

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=1.1125]  
 Remarks: