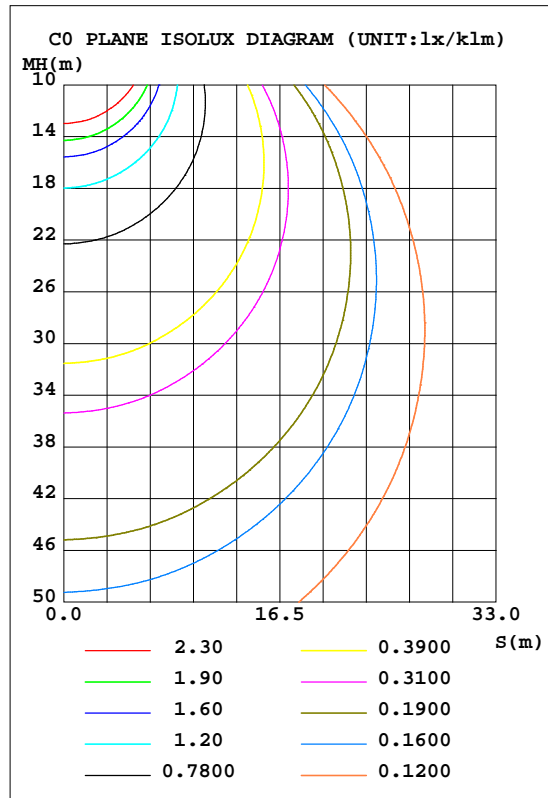
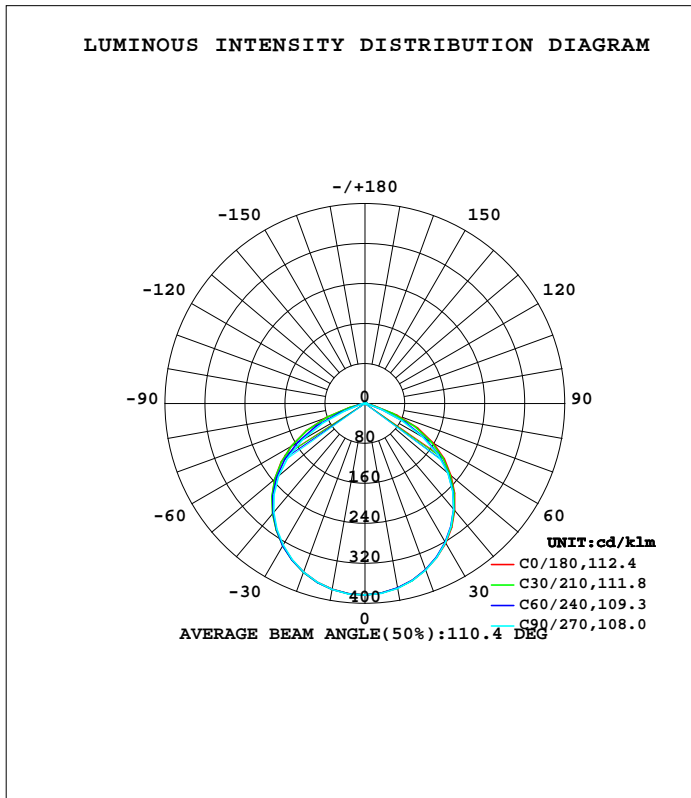


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.06V I:0.1492A P:14.579W PF:0.8138 Freq:59.98Hz Lamp Flux:1048.03x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 71.89 lm/W			
MODEL: LRKR-6D15AC-WH(3000K)		I <sub>max</sub> (cd/klm)	383.2	S/MH(C0/180)	1.27
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	120	TOTAL FLUX(lm/klm)	1000.0	h UP, DN(C0-180)	0.5,48.8
NOMINAL FLUX(lm)	1048.03	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.5,50.2
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: 2022-02-28

g Range: 0 - 180DEG  
 g Interval: 5.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity: 65.0%  
 Test Distance: 8.000m [K=1.0375]  
 Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

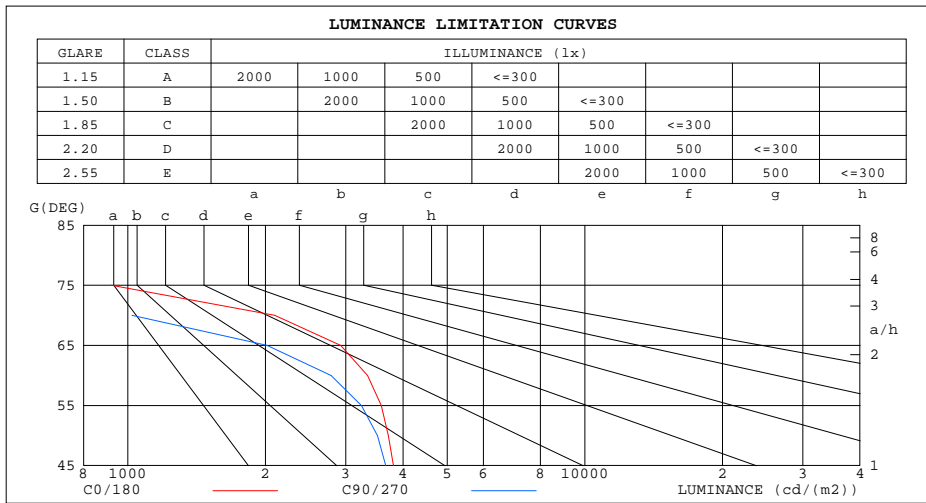
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	375.5	375.0	375.8	376.3	377.4	377.8	377.7	376.5	0- 10	36.25	36.25	3.62,3.62
20	354.6	354.8	354.9	356.2	359.3	359.2	358.9	356.7	10- 20	103.9	140.2	14,14
30	323.0	322.1	322.0	325.2	328.4	328.6	327.4	324.8	20- 30	157.8	298.0	29.8,29.8
40	279.5	279.0	276.3	282.4	287.2	286.3	284.0	281.2	30- 40	190.7	488.7	48.9,48.9
50	225.3	222.5	216.6	227.3	235.6	232.1	226.1	224.7	40- 50	197.1	685.7	68.6,68.6
60	157.8	148.5	133.3	153.8	170.4	162.0	144.7	149.6	50- 60	170.6	856.4	85.6,85.6
70	67.53	49.72	33.42	56.40	83.66	67.13	43.33	52.71	60- 70	104.3	960.6	96.1,96.1
80	6.846	6.020	5.698	6.797	8.589	7.339	6.511	6.347	70- 80	26.68	987.3	98.7,98.7
90	0.4185	0.4165	0.3524	0.2740	0.4702	0.2575	0.1909	0.2327	80- 90	3.313	990.6	99.1,99.1
100	0.7534	0.7034	0.6678	0.5758	0.6127	0.5409	0.5480	0.5195	90-100	0.5149	991.1	99.1,99.1
110	1.174	1.101	1.076	0.9935	1.015	0.9248	0.9286	0.9232	100-110	0.8738	992.0	99.2,99.2
120	1.581	1.513	1.508	1.434	1.426	1.332	1.351	1.373	110-120	1.231	993.2	99.3,99.3
130	2.056	1.902	1.898	1.806	1.796	1.693	1.750	1.740	120-130	1.478	994.7	99.5,99.5
140	2.316	2.151	2.232	2.098	2.139	1.979	2.075	2.056	130-140	1.546	996.3	99.6,99.6
150	2.654	2.494	2.473	2.446	2.376	2.354	2.390	2.459	140-150	1.435	997.7	99.8,99.8
160	2.810	2.813	2.770	2.724	2.705	2.687	2.692	2.701	150-160	1.199	998.9	99.9,99.9
170	2.965	2.970	2.970	2.956	2.915	2.905	2.910	2.937	160-170	0.8075	999.7	100,100
180	3.075	3.113	3.086	3.105	3.089	3.104	3.100	3.105	170-180	0.2871	1000	100,100
DEG	LUMINOUS INTENSITY:cd/klm									UNIT:lm/klm		

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-02-28

g Range: 0 - 180DEG  
g Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
Humidity:65.0%  
Test Distance:8.000m [K=1.0375]  
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.06V I:0.1492A P:14.579W PF:0.8138 Freq:59.98Hz Lamp Flux:1048.03x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	357	163
80	418	343
75	919	418
70	2095	1021
65	2922	2017
60	3349	2785
55	3587	3245
50	3718	3521
45	3811	3671

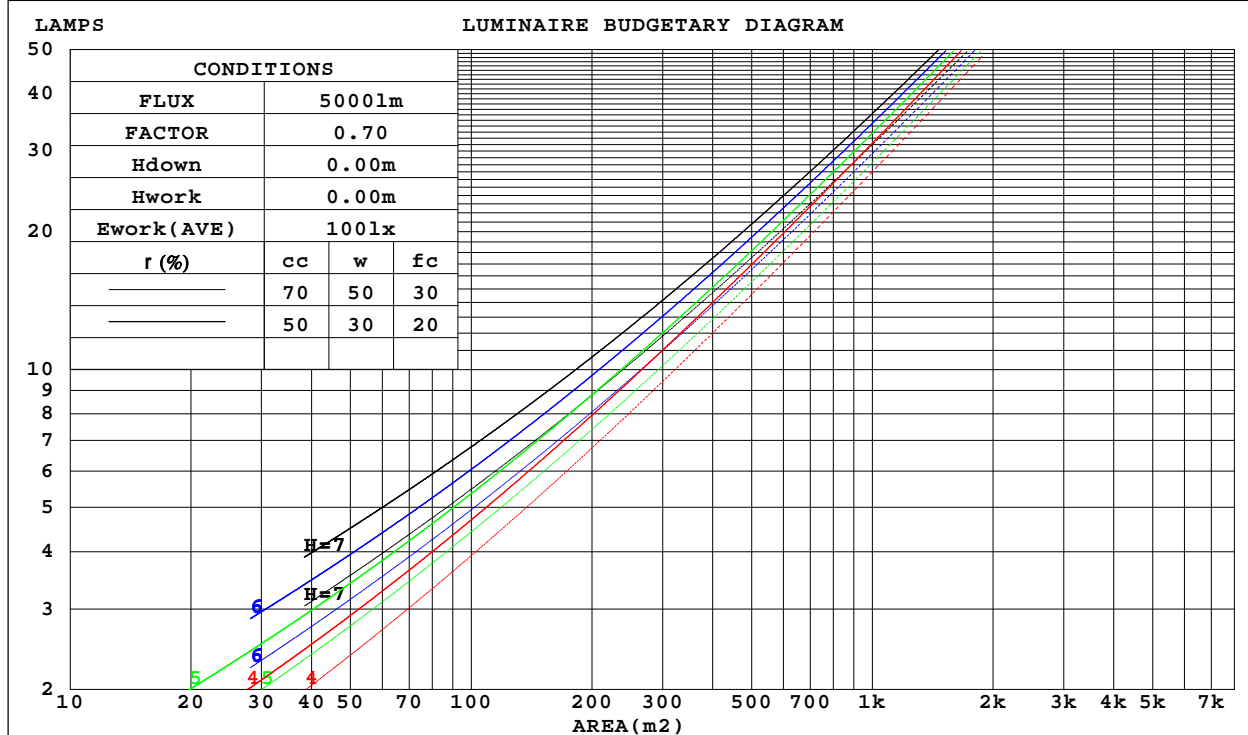
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2022-02-28

g Range: 0 - 180DEG  
 g Interval: 5.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity: 65.0%  
 Test Distance: 8.000m [K=1.0375]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.06V I:0.1492A P:14.579W PF:0.8138 Freq:59.98Hz Lamp Flux:1048.03x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	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	.96	.94	.95	.93	.91	.91	.90	.88	.86
2.0	.93	.87	.82	.91	.86	.81	.88	.83	.79	.84	.81	.77	.81	.78	.75	.73
3.0	.83	.75	.69	.81	.74	.68	.78	.72	.67	.75	.70	.66	.72	.68	.65	.62
4.0	.73	.65	.59	.72	.64	.58	.69	.63	.58	.67	.61	.57	.65	.60	.56	.54
5.0	.66	.57	.51	.65	.57	.51	.62	.55	.50	.60	.54	.49	.58	.53	.49	.47
6.0	.59	.51	.45	.58	.50	.44	.56	.49	.44	.55	.48	.43	.53	.47	.43	.41
7.0	.54	.45	.39	.53	.45	.39	.51	.44	.39	.50	.43	.38	.48	.43	.38	.36
8.0	.49	.41	.35	.48	.40	.35	.47	.40	.35	.46	.39	.34	.44	.39	.34	.32
9.0	.45	.37	.32	.44	.37	.31	.43	.36	.31	.42	.36	.31	.41	.35	.31	.29
10.0	.42	.34	.29	.41	.34	.29	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-02-28

g Range: 0 - 180DEG  
 g Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0375]  
 Remarks:

WEC AND CCEC

Test:U:120.06V I:0.1492A P:14.579W PF:0.8138 Freq:59.98Hz Lamp Flux:1048.03x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	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	.268	.152	.048	.261	.149	.047	.247	.142	.045	.235	.135	.043	.223	.129	.042	
2.0	.262	.143	.044	.255	.141	.043	.243	.135	.042	.232	.130	.041	.222	.126	.040	
3.0	.248	.132	.040	.242	.130	.039	.232	.126	.038	.222	.122	.037	.213	.118	.037	
4.0	.233	.121	.036	.228	.119	.035	.218	.116	.035	.210	.113	.034	.202	.110	.033	
5.0	.218	.111	.032	.213	.110	.032	.205	.107	.031	.197	.104	.031	.190	.102	.031	
6.0	.204	.102	.029	.200	.101	.029	.193	.099	.029	.186	.096	.028	.179	.094	.028	
7.0	.191	.094	.027	.188	.093	.027	.181	.091	.026	.175	.090	.026	.169	.088	.026	
8.0	.179	.088	.025	.176	.087	.025	.170	.085	.024	.165	.083	.024	.159	.082	.024	
9.0	.169	.082	.023	.166	.081	.023	.161	.079	.023	.155	.078	.022	.151	.077	.022	
10.0	.159	.076	.021	.157	.076	.021	.152	.074	.021	.147	.073	.021	.143	.072	.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	.198	.198	.198	.169	.169	.169	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.185	.164	.145	.158	.141	.125	.108	.097	.086	.062	.056	.050	.020	.018	.016	
2.0	.175	.139	.109	.150	.120	.094	.103	.083	.066	.059	.048	.038	.019	.016	.013	
3.0	.168	.121	.085	.144	.105	.073	.099	.073	.052	.057	.043	.030	.018	.014	.010	
4.0	.160	.108	.068	.137	.093	.059	.094	.065	.042	.055	.038	.025	.018	.012	.008	
5.0	.153	.097	.056	.131	.084	.049	.091	.059	.035	.052	.035	.021	.017	.011	.007	
6.0	.146	.089	.048	.126	.077	.042	.087	.054	.030	.050	.032	.018	.016	.010	.006	
7.0	.140	.082	.042	.120	.071	.036	.083	.050	.026	.048	.029	.015	.016	.010	.005	
8.0	.134	.076	.037	.115	.066	.032	.080	.046	.023	.046	.027	.014	.015	.009	.005	
9.0	.128	.071	.033	.110	.062	.029	.076	.044	.021	.045	.026	.012	.014	.008	.004	
10.0	.123	.067	.030	.106	.058	.026	.073	.041	.019	.043	.024	.011	.014	.008	.004	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-02-28

g Range: 0 - 180DEG  
 g Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0375]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.06V I:0.1492A P:14.579W PF:0.8138 Freq:59.98Hz Lamp Flux:1048.03x1 lm										
NAME: LED DOWNLIGHT					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: ASD LIGHTING 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	16.6	18.2	17.0	18.5	18.8	15.9	17.5	16.3	17.8	18.1
3H	17.7	19.1	18.1	19.4	19.8	16.4	17.8	16.8	18.1	18.5
4H	17.8	19.1	18.2	19.5	19.9	16.4	17.6	16.8	18.0	18.4
6H	17.8	19.0	18.2	19.3	19.8	16.3	17.5	16.7	17.9	18.3
8H	17.7	18.9	18.2	19.3	19.7	16.3	17.4	16.7	17.8	18.2
12H	17.7	18.8	18.2	19.2	19.7	16.3	17.3	16.7	17.7	18.2
4H 2H	17.0	18.3	17.4	18.6	19.0	16.4	17.7	16.8	18.1	18.5
3H	18.1	19.2	18.5	19.6	20.0	16.9	18.0	17.4	18.4	18.8
4H	18.2	19.2	18.7	19.6	20.1	16.9	17.9	17.4	18.3	18.8
6H	18.2	19.0	18.7	19.5	20.0	16.9	17.7	17.4	18.2	18.7
8H	18.2	18.9	18.6	19.4	19.9	16.9	17.6	17.3	18.1	18.6
12H	18.1	18.8	18.6	19.3	19.8	16.8	17.5	17.3	18.0	18.5
8H 4H	18.1	18.9	18.6	19.4	19.9	16.9	17.7	17.4	18.2	18.6
6H	18.1	18.7	18.6	19.3	19.8	16.9	17.5	17.4	18.0	18.5
8H	18.1	18.6	18.6	19.2	19.7	16.9	17.4	17.4	17.9	18.5
12H	18.1	18.6	18.6	19.1	19.7	16.8	17.3	17.4	17.8	18.4
12H 4H	18.1	18.8	18.6	19.3	19.8	16.9	17.6	17.4	18.1	18.6
6H	18.1	18.6	18.6	19.1	19.7	16.9	17.4	17.4	17.9	18.5
8H	18.1	18.6	18.6	19.1	19.6	16.8	17.3	17.4	17.8	18.4
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:2022-02-28

g Range: 0 - 180DEG  
g Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
Humidity:65.0%  
Test Distance:8.000m [K=1.0375]  
Remarks:

## UTILIZATION FACTORS TABLE

Test:U:120.06V I:0.1492A P:14.579W PF:0.8138 Freq:59.98Hz Lamp Flux:1048.03x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

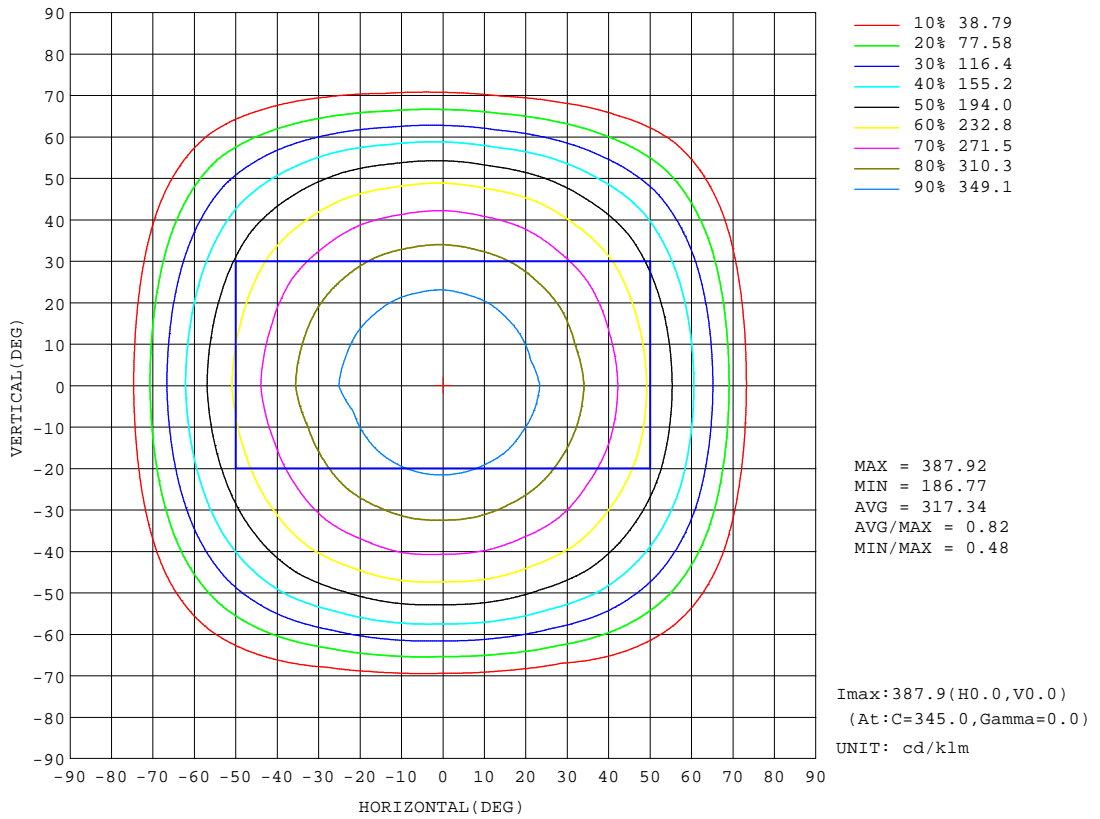
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	59	48	41	59	48	41	57	47	41	35
0.80	70	59	52	69	58	52	67	58	51	45
1.00	79	68	62	78	68	61	75	69	61	54
1.25	86	76	70	85	76	69	82	74	68	62
1.50	91	82	76	89	81	75	86	79	74	67
2.00	98	90	84	96	89	83	92	86	82	74
2.50	101	94	89	99	93	88	95	90	86	78
3.00	104	98	93	102	97	92	98	94	90	82
4.00	108	103	99	105	101	97	101	98	94	86
5.00	110	106	102	107	104	101	103	100	97	88
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: 2022-02-28

g Range: 0 - 180DEG  
g Interval: 5.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
Humidity: 65.0%  
Test Distance: 8.000m [K=1.0375]  
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.06V I:0.1492A P:14.579W PF:0.8138 Freq:59.98Hz Lamp Flux:1048.03x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2022-02-28

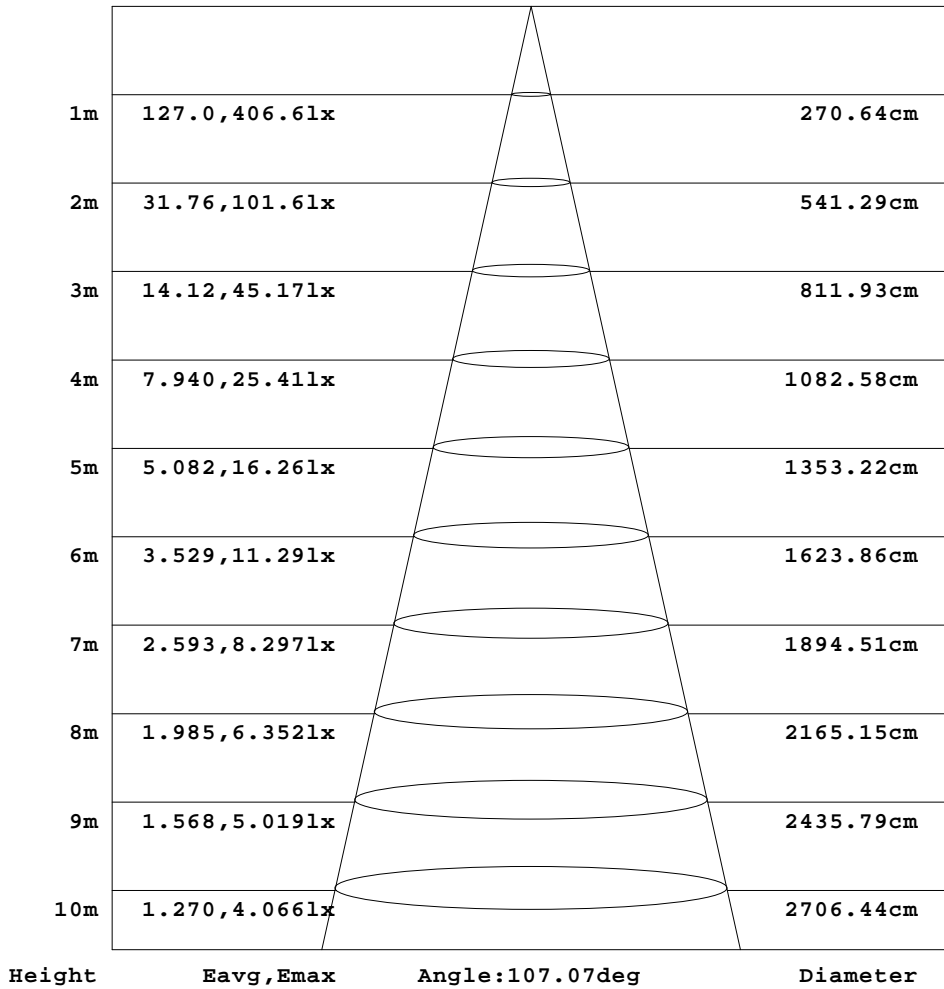
g Range: 0 - 180DEG  
 g Interval: 5.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity: 65.0%  
 Test Distance: 8.000m [K=1.0375]  
 Remarks:



AAI Figure

Test:U:120.06V I:0.1492A P:14.579W PF:0.8138 Freq:59.98Hz Lamp Flux:1048.03x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

Flux out:814.0 lm



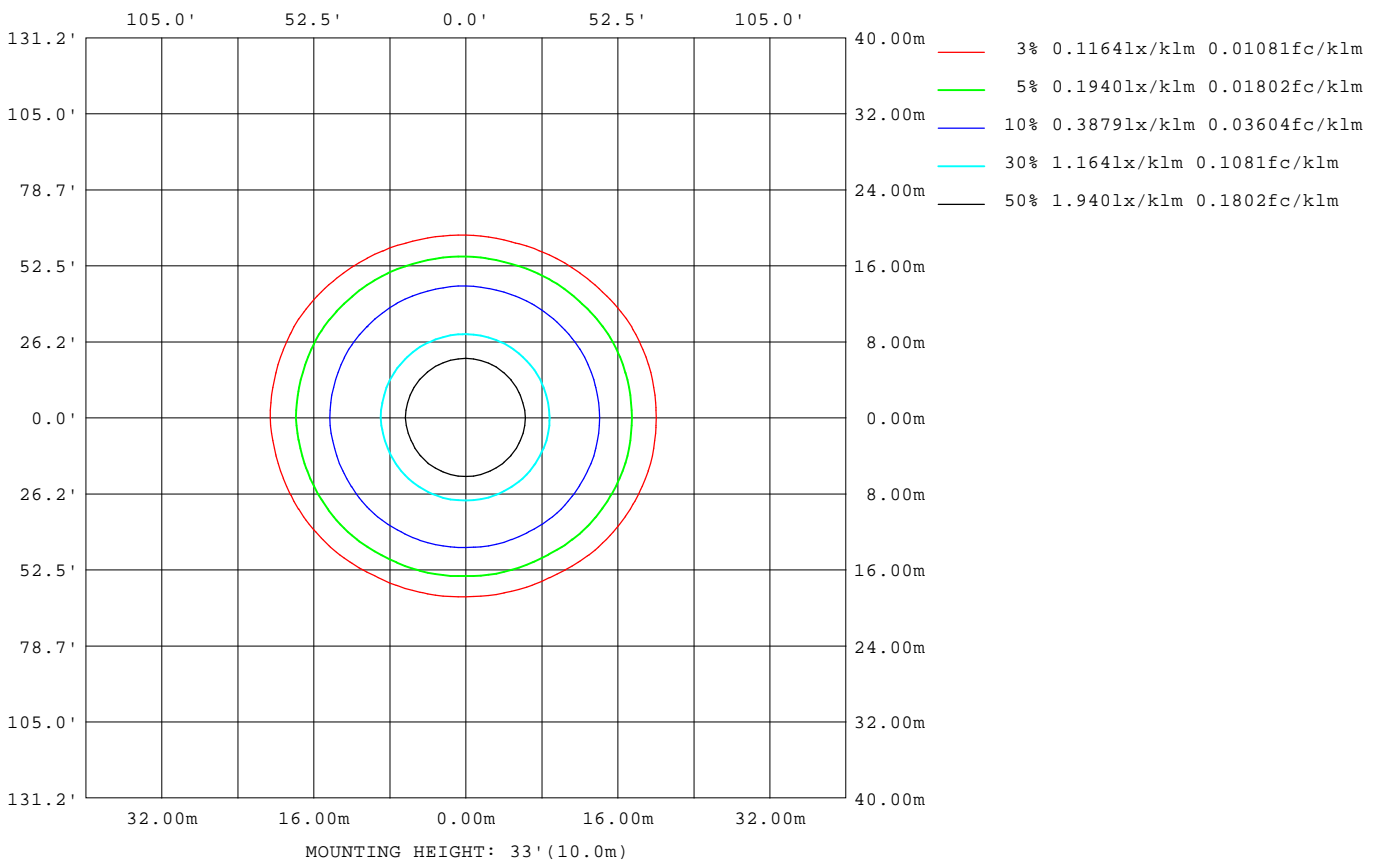
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-02-28

g Range: 0 - 180DEG  
 g Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0375]  
 Remarks:

ISOLUX DIAGRAM

Test:U:120.06V I:0.1492A P:14.579W PF:0.8138 Freq:59.98Hz Lamp Flux:1048.03x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2022-02-28

g Range: 0 - 180DEG  
 g Interval: 5.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity: 65.0%  
 Test Distance: 8.000m [K=1.0375]  
 Remarks:

## LED Avg.L Report

Test:U:120.06V I:0.1492A P:14.579W PF:0.8138 Freq:59.98Hz Lamp Flux:1048.03x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

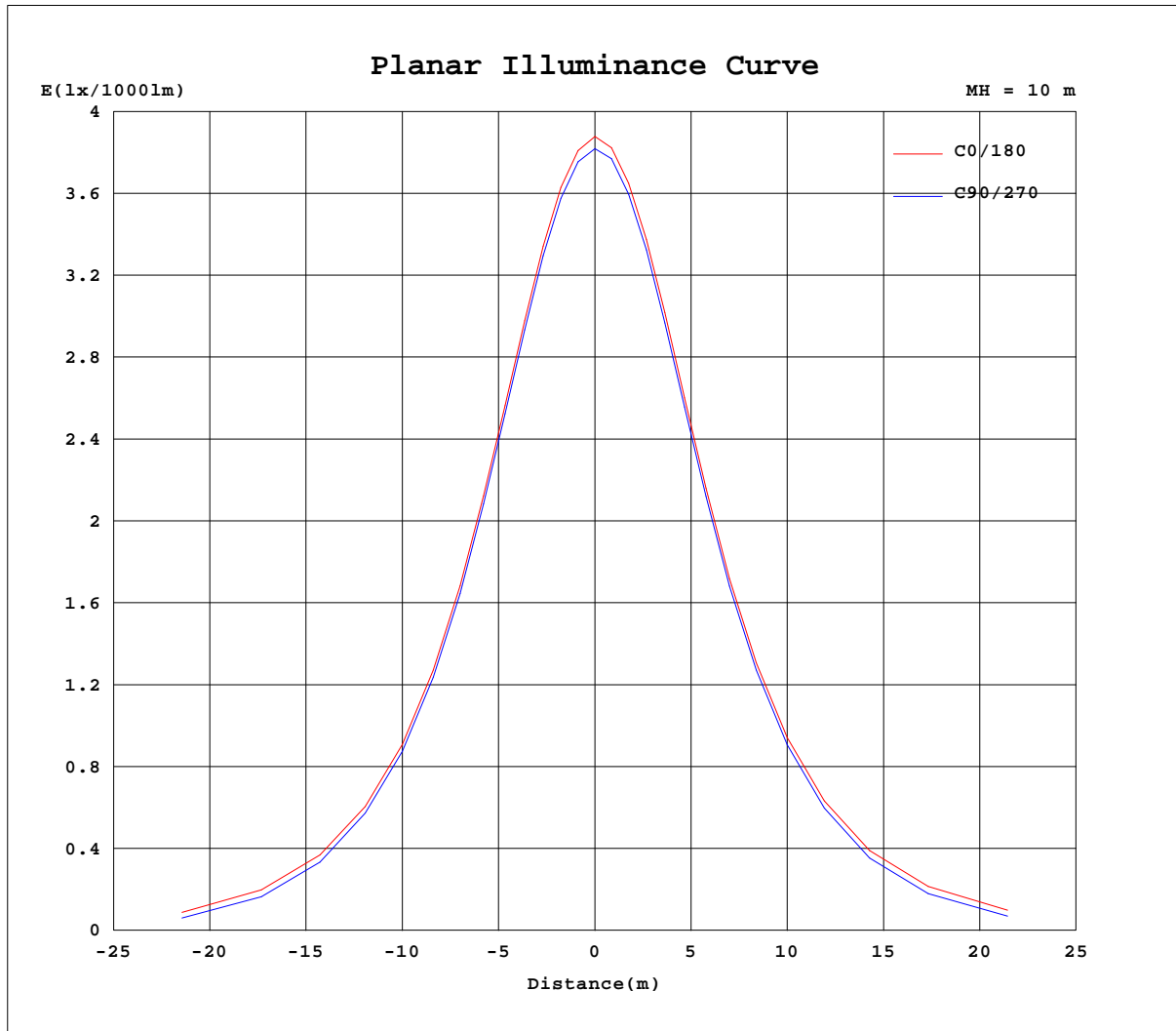
AvgL	cd/m2
L_0~180(65)av	3058
L_0~180(75)av	1163
L_0~180(85)av	435
L_90~270(65)av	2175
L_90~270(75)av	467
L_90~270(85)av	210
L_45(65)av	2659
L_45(75)av	692
L_45(85)av	288

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-02-28

g Range: 0 - 180DEG  
g Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
Humidity:65.0%  
Test Distance:8.000m [K=1.0375]  
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2022-02-28

g Range: 0 - 180DEG  
 g Interval: 5.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity: 65.0%  
 Test Distance: 8.000m [K=1.0375]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.06V I:0.1492A P:14.579W PF:0.8138 Freq:59.98Hz Lamp Flux:1048.03x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

Table--1

UNIT: cd/klm

C(DEG) g (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383
5	381	381	380	381	381	381	381	381	381	381	381	381	382	382	382	382	382	382	383
10	375	375	375	375	375	375	376	376	376	376	376	377	377	378	378	378	378	377	378
15	366	367	367	367	366	366	367	367	368	368	368	368	370	370	371	371	370	370	370
20	355	355	354	355	354	354	355	355	356	356	357	357	359	359	360	359	359	358	359
25	340	340	340	340	339	339	340	340	341	342	342	343	345	345	346	346	345	344	345
30	323	323	322	322	321	322	322	323	323	325	325	327	328	329	329	329	329	327	327
35	303	303	301	301	300	301	301	302	303	305	306	307	309	309	310	309	309	307	307
40	279	280	278	279	276	277	276	279	279	282	283	285	287	287	288	286	286	284	284
45	254	255	252	253	249	250	248	252	253	257	257	260	263	262	264	261	261	257	258
50	225	226	223	222	218	218	217	220	222	227	229	232	236	234	236	232	231	226	226
55	194	195	191	188	181	180	178	182	186	194	197	201	205	204	205	200	196	190	189
60	158	159	154	148	138	135	133	138	142	154	160	166	170	169	169	162	155	147	145
65	116	116	110	101	88.5	83.1	81.6	86.5	93.6	107	118	125	130	130	128	118	107	97.5	93.8
70	67.5	66.8	59.9	49.7	37.9	34.0	33.4	37.5	43.2	56.4	68.7	77.3	83.7	83.1	80.0	67.1	55.1	45.8	43.3
75	22.4	21.7	18.1	13.8	10.7	10.2	10.3	11.0	12.0	16.8	24.5	30.4	35.0	33.9	31.4	22.5	16.3	13.1	12.7
80	6.85	6.76	6.39	6.02	5.70	5.70	5.70	6.00	6.29	6.80	7.34	8.03	8.59	8.40	8.20	7.34	6.98	6.66	6.51
85	2.93	2.76	2.17	1.79	1.42	1.42	1.36	1.58	1.80	2.49	3.07	3.75	4.29	4.15	3.79	3.21	2.79	2.33	2.13
90	0.42	0.50	0.52	0.42	0.48	0.39	0.35	0.28	0.26	0.27	0.30	0.33	0.47	0.39	0.33	0.26	0.21	0.19	0.19
95	0.57	0.63	0.65	0.54	0.62	0.56	0.49	0.45	0.40	0.39	0.42	0.46	0.44	0.50	0.51	0.40	0.47	0.44	0.39
100	0.75	0.80	0.82	0.70	0.77	0.72	0.67	0.61	0.58	0.58	0.61	0.64	0.61	0.65	0.66	0.54	0.61	0.58	0.55
105	0.96	1.00	1.01	0.89	0.97	0.91	0.87	0.81	0.78	0.78	0.81	0.84	0.81	0.83	0.83	0.73	0.78	0.75	0.73
110	1.17	1.21	1.21	1.10	1.17	1.12	1.08	1.03	1.00	0.99	1.01	1.05	1.01	1.02	1.02	0.92	0.98	0.96	0.93
115	1.39	1.42	1.43	1.30	1.37	1.33	1.29	1.24	1.22	1.22	1.24	1.26	1.23	1.23	1.23	1.13	1.19	1.16	1.14
120	1.58	1.61	1.62	1.51	1.58	1.53	1.51	1.46	1.44	1.43	1.46	1.48	1.43	1.42	1.43	1.33	1.39	1.38	1.35
125	1.81	1.82	1.82	1.72	1.77	1.73	1.71	1.66	1.64	1.62	1.64	1.67	1.61	1.61	1.60	1.52	1.58	1.57	1.56
130	2.06	2.00	1.99	1.90	1.95	1.92	1.90	1.85	1.83	1.81	1.83	1.85	1.80	1.78	1.78	1.69	1.75	1.75	1.75
135	2.22	2.20	2.16	2.06	2.06	2.09	2.07	2.02	1.98	1.94	1.99	2.03	1.97	1.95	1.95	1.86	1.91	1.92	1.95
140	2.32	2.32	2.32	2.15	2.17	2.26	2.23	2.18	2.14	2.10	2.15	2.20	2.14	2.11	2.12	1.98	2.08	2.07	2.07
145	2.41	2.43	2.34	2.34	2.39	2.35	2.36	2.31	2.32	2.28	2.30	2.34	2.27	2.24	2.18	2.16	2.21	2.25	2.26
150	2.65	2.51	2.50	2.49	2.49	2.47	2.47	2.45	2.45	2.45	2.45	2.46	2.38	2.36	2.34	2.35	2.33	2.32	2.39
155	2.78	2.65	2.75	2.73	2.63	2.64	2.63	2.60	2.62	2.59	2.62	2.63	2.52	2.51	2.50	2.51	2.58	2.51	2.55
160	2.81	2.77	2.80	2.81	2.80	2.81	2.77	2.82	2.77	2.72	2.75	2.80	2.71	2.66	2.67	2.69	2.78	2.67	2.69
165	2.91	2.87	2.89	2.95	2.94	2.92	2.93	2.89	2.87	2.82	2.87	2.89	2.83	2.79	2.82	2.85	2.82	2.81	2.85
170	2.97	2.96	2.97	2.97	2.98	2.98	2.97	2.94	2.94	2.96	2.97	2.95	2.92	2.91	2.93	2.90	2.91	2.90	2.91
175	3.05	3.06	3.05	3.06	3.07	3.05	3.04	3.03	3.03	3.04	3.05	3.03	3.01	3.01	3.02	3.03	3.02	3.00	3.01
180	3.08	3.09	3.08	3.11	3.10	3.09	3.09	3.08	3.10	3.10	3.10	3.08	3.09	3.08	3.10	3.10	3.11	3.08	3.10

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-02-28

g Range: 0 - 180DEG  
 g Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0375]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.06V I:0.1492A P:14.579W PF:0.8138 Freq:59.98Hz Lamp Flux:1048.03x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

Table--2

UNIT: cd/klm

C(DEG) g (DEG)	285	300	315	330	345														
0	383	383	383	383	383														
5	382	382	381	381	381														
10	377	377	377	376	376														
15	369	369	368	368	368														
20	358	358	357	356	356														
25	343	343	342	342	342														
30	326	326	325	325	324														
35	305	306	305	306	304														
40	282	283	281	283	282														
45	255	257	255	257	256														
50	223	225	225	229	227														
55	186	189	190	196	196														
60	141	146	150	158	160														
65	91.3	96.0	103	114	118														
70	41.5	45.4	52.7	64.7	69.3														
75	12.0	12.8	15.3	21.9	24.1														
80	6.32	6.39	6.35	6.73	6.97														
85	1.90	1.95	2.08	2.51	2.88														
90	0.19	0.20	0.23	0.25	0.32														
95	0.36	0.33	0.35	0.38	0.45														
100	0.51	0.50	0.52	0.56	0.62														
105	0.70	0.69	0.71	0.75	0.81														
110	0.90	0.90	0.92	0.96	1.02														
115	1.12	1.12	1.14	1.17	1.23														
120	1.35	1.34	1.37	1.39	1.50														
125	1.56	1.57	1.57	1.63	1.70														
130	1.78	1.77	1.74	1.81	1.89														
135	1.96	1.96	1.89	1.93	2.02														
140	2.09	2.07	2.06	2.09	2.15														
145	2.25	2.23	2.20	2.22	2.29														
150	2.42	2.35	2.46	2.39	2.44														
155	2.61	2.55	2.60	2.56	2.62														
160	2.77	2.74	2.70	2.72	2.77														
165	2.88	2.86	2.82	2.84	2.87														
170	2.93	2.94	2.94	2.93	2.94														
175	3.03	3.04	3.05	3.04	3.03														
180	3.08	3.10	3.10	3.10	3.09														

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-02-28

g Range: 0 - 180DEG  
 g Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0375]  
 Remarks: