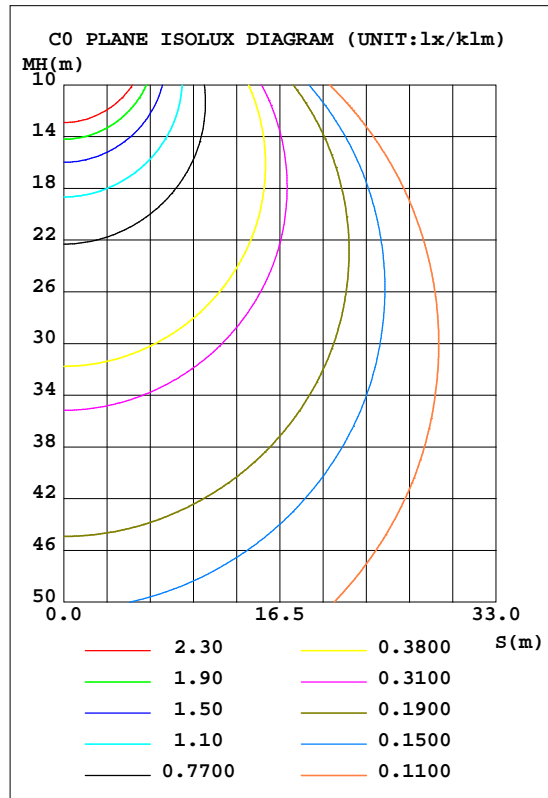
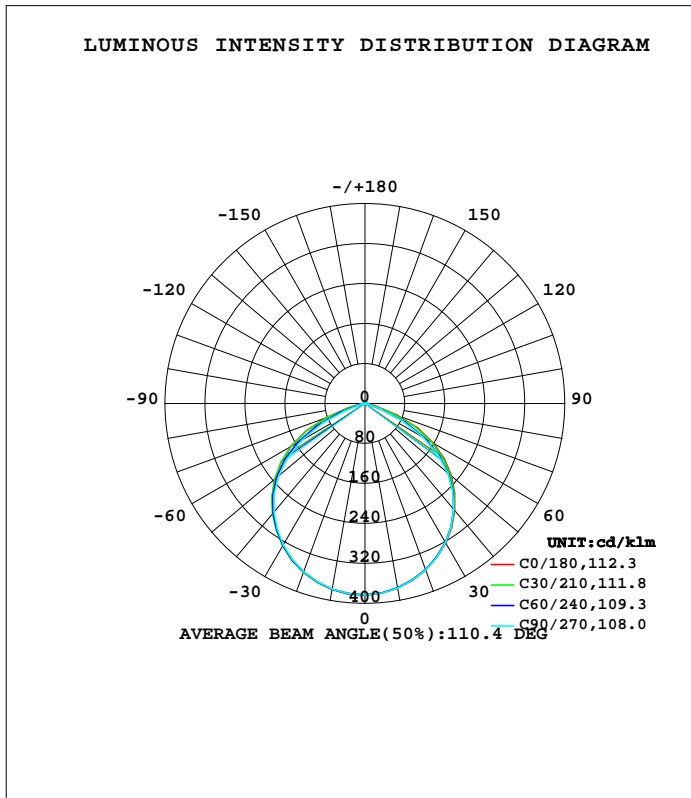


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.10V I:0.1496A P:14.630W PF:0.8144 Freq:59.98Hz Lamp Flux:1053.79x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 72.03 lm/W			
MODEL: LRKR-6D15AC-WH(3500K)		I <sub>max</sub> (cd/klm)	383.1	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)	1053.79	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.4,50.2
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=1.0438]  
 Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

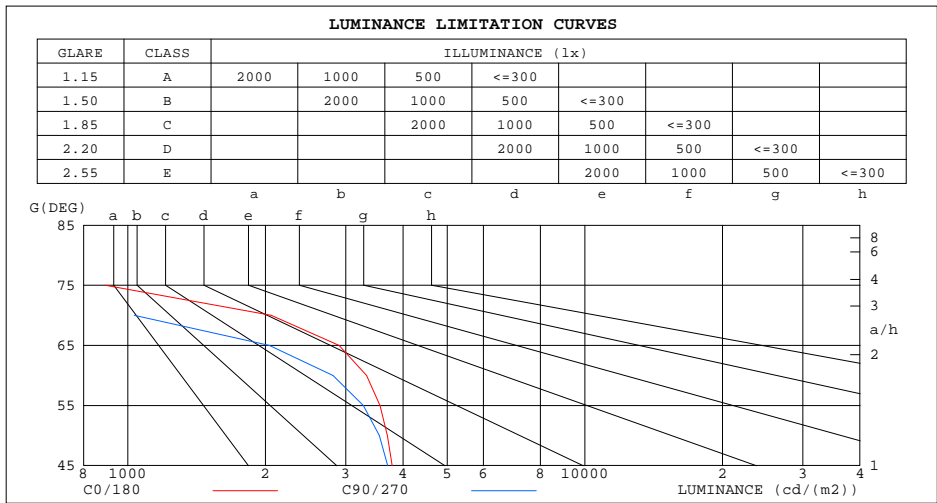
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	375.4	374.8	375.1	376.0	377.3	377.7	377.5	376.8	0- 10	36.25	36.25	3.63,3.63
20	354.8	354.2	354.6	356.8	358.7	359.0	358.8	357.0	10- 20	103.9	140.2	14,14
30	322.9	321.9	321.6	325.4	328.6	328.5	327.2	324.9	20- 30	157.8	298.0	29.8,29.8
40	279.7	278.0	276.2	282.2	287.4	286.5	283.7	281.4	30- 40	190.7	488.7	48.9,48.9
50	225.6	222.7	216.5	227.5	235.2	232.1	226.1	225.3	40- 50	197.1	685.8	68.6,68.6
60	158.0	148.5	133.4	153.9	170.0	161.8	144.5	149.8	50- 60	170.7	856.5	85.7,85.7
70	66.84	49.49	33.51	56.50	82.87	66.89	43.20	52.92	60- 70	104.3	960.8	96.1,96.1
80	6.870	6.017	5.682	6.776	8.585	7.307	6.483	6.339	70- 80	26.55	987.3	98.7,98.7
90	0.4122	0.4191	0.3488	0.2656	0.4603	0.2544	0.1775	0.2289	80- 90	3.303	990.6	99.1,99.1
100	0.7442	0.7078	0.6699	0.5776	0.6008	0.5444	0.5496	0.5165	90-100	0.5119	991.1	99.1,99.1
110	1.168	1.099	1.075	0.9967	1.001	0.9260	0.9267	0.9261	100-110	0.8716	992.0	99.2,99.2
120	1.582	1.513	1.508	1.434	1.411	1.336	1.355	1.373	110-120	1.229	993.2	99.3,99.3
130	2.038	1.890	1.899	1.807	1.792	1.699	1.750	1.736	120-130	1.477	994.7	99.5,99.5
140	2.308	2.156	2.238	2.105	2.113	1.969	2.099	2.048	130-140	1.546	996.3	99.6,99.6
150	2.661	2.491	2.481	2.449	2.369	2.346	2.393	2.458	140-150	1.435	997.7	99.8,99.8
160	2.815	2.812	2.769	2.719	2.700	2.686	2.686	2.709	150-160	1.199	998.9	99.9,99.9
170	2.965	2.975	2.965	2.957	2.900	2.905	2.914	2.947	160-170	0.8075	999.7	100,100
180	3.081	3.096	3.086	3.115	3.076	3.100	3.091	3.101	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=1.0438]  
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.10V I:0.1496A P:14.630W PF:0.8144 Freq:59.98Hz Lamp Flux:1053.79x1 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	353	165
80	417	345
75	892	420
70	2061	1033
65	2897	2039
60	3333	2813
55	3567	3276
50	3700	3550
45	3789	3706

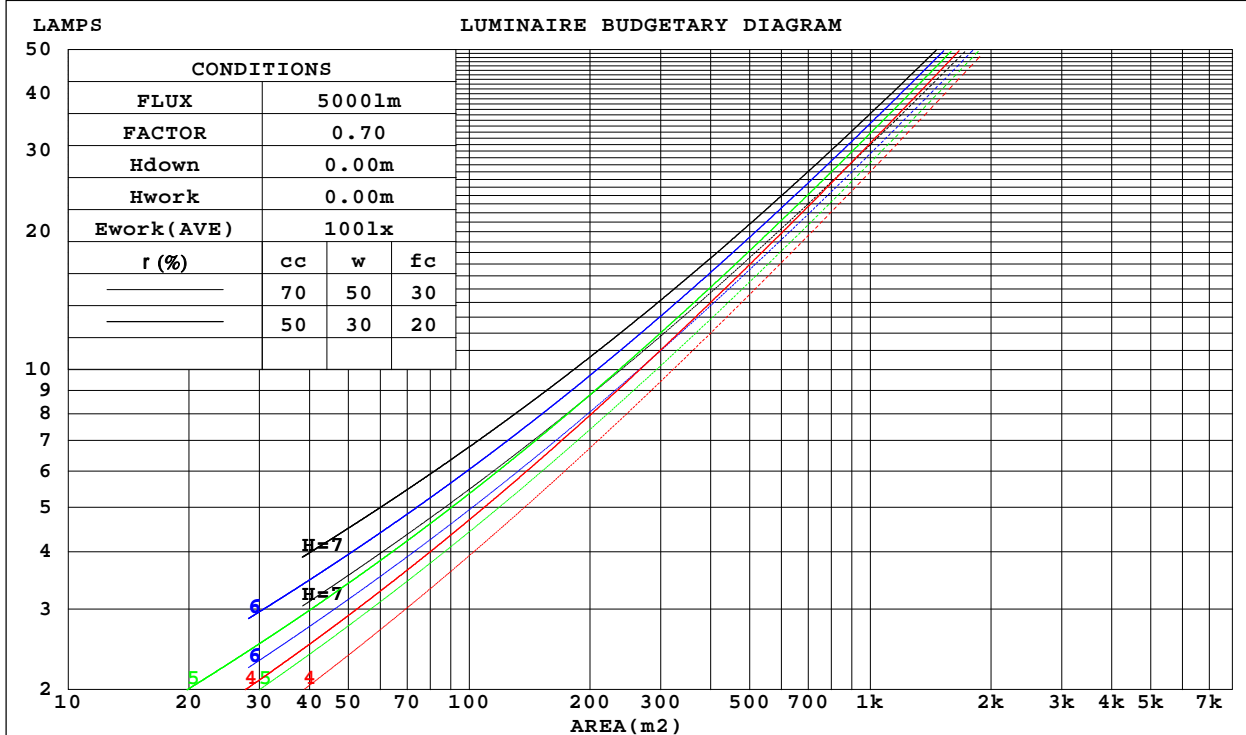
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2022-02-28

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=1.0438]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.10V I:0.1496A P:14.630W PF:0.8144 Freq:59.98Hz Lamp Flux:1053.79x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING 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	1.02	.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	.70	.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=1.0438]  
 Remarks:

WEC AND CCEC

Test:U:120.10V I:0.1496A P:14.630W PF:0.8144 Freq:59.98Hz Lamp Flux:1053.79x1 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	.036	
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	.192	.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	.140	.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	.042	.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=1.0438]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.10V I:0.1496A P:14.630W PF:0.8144 Freq:59.98Hz Lamp Flux:1053.79x1 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	18.1	17.0	18.5	18.8	16.0	17.5	16.3	17.8	18.2
3H	17.7	19.0	18.1	19.4	19.8	16.4	17.8	16.8	18.1	18.5
4H	17.7	19.0	18.1	19.4	19.8	16.4	17.7	16.8	18.0	18.4
6H	17.7	18.9	18.1	19.3	19.7	16.3	17.5	16.8	17.9	18.3
8H	17.7	18.8	18.1	19.2	19.6	16.3	17.4	16.8	17.9	18.3
12H	17.6	18.7	18.1	19.1	19.6	16.3	17.4	16.7	17.8	18.2
4H 2H	16.9	18.2	17.3	18.6	19.0	16.5	17.8	16.9	18.1	18.5
3H	18.1	19.1	18.5	19.5	20.0	17.0	18.0	17.4	18.4	18.9
4H	18.1	19.1	18.6	19.5	20.0	16.9	17.9	17.4	18.3	18.8
6H	18.1	19.0	18.6	19.4	19.9	16.9	17.7	17.4	18.2	18.7
8H	18.1	18.9	18.6	19.3	19.8	16.9	17.7	17.4	18.1	18.6
12H	18.1	18.8	18.6	19.3	19.7	16.9	17.5	17.4	18.0	18.5
8H 4H	18.1	18.8	18.6	19.3	19.8	17.0	17.7	17.4	18.2	18.7
6H	18.1	18.7	18.6	19.2	19.7	16.9	17.6	17.4	18.1	18.6
8H	18.0	18.6	18.6	19.1	19.6	16.9	17.5	17.4	18.0	18.5
12H	18.0	18.5	18.5	19.0	19.6	16.9	17.4	17.4	17.9	18.5
12H 4H	18.0	18.7	18.5	19.2	19.7	16.9	17.6	17.4	18.1	18.6
6H	18.0	18.6	18.6	19.1	19.6	16.9	17.5	17.4	17.9	18.5
8H	18.0	18.5	18.5	19.0	19.6	16.9	17.4	17.4	17.9	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: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=1.0438]  
Remarks:

## UTILIZATION FACTORS TABLE

Test:U:120.10V I:0.1496A P:14.630W PF:0.8144 Freq:59.98Hz Lamp Flux:1053.79x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

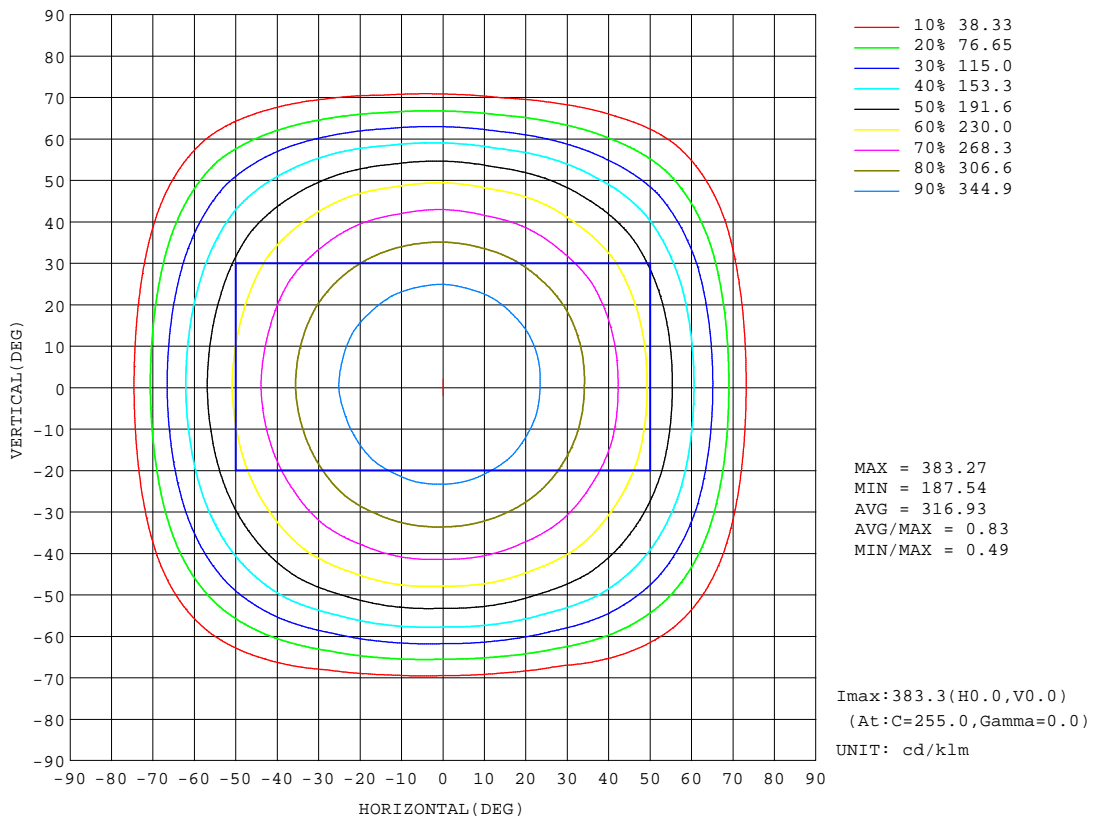
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	59	48	41	59	48	41	57	47	41	35
0.80	70	59	52	69	58	52	67	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	95	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=1.0438]  
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.10V I:0.1496A P:14.630W PF:0.8144 Freq:59.98Hz Lamp Flux:1053.79x1 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

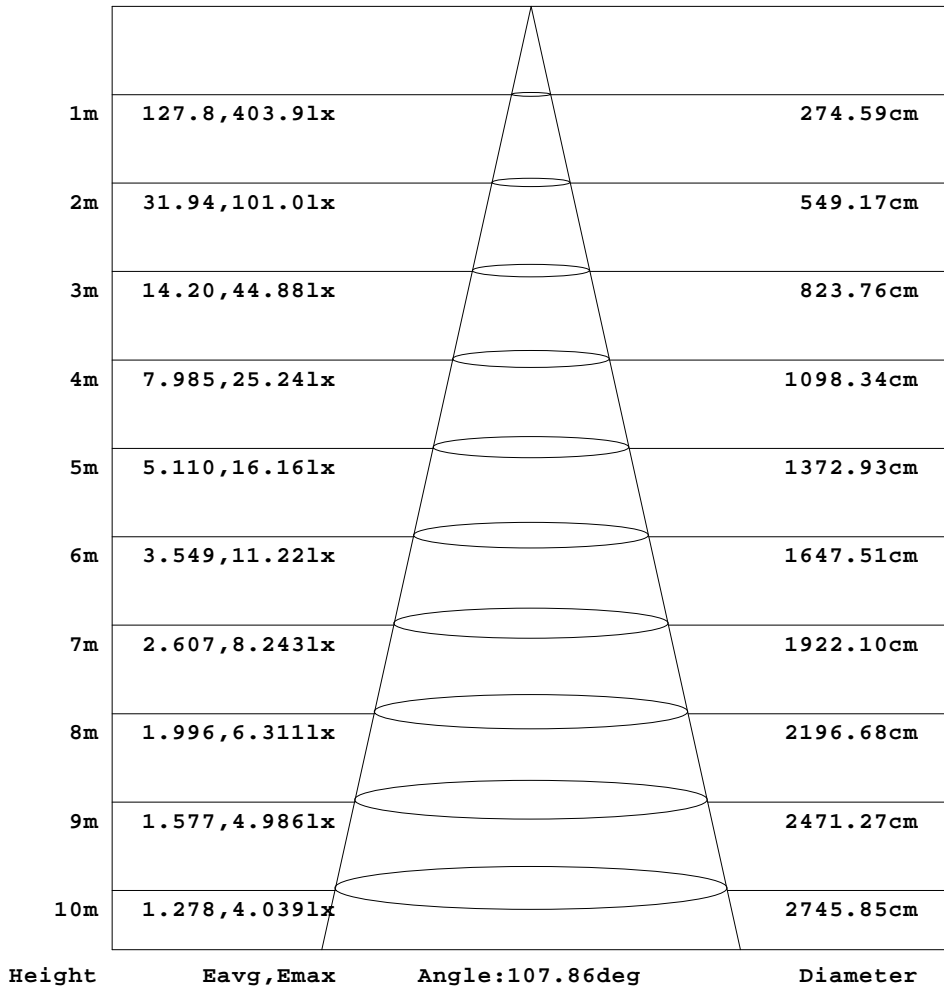
g Range: 0 - 180DEG  
 g Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0438]  
 Remarks:



AAI Figure

Test:U:120.10V I:0.1496A P:14.630W PF:0.8144 Freq:59.98Hz Lamp Flux:1053.79x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

Flux out:818.6 lm



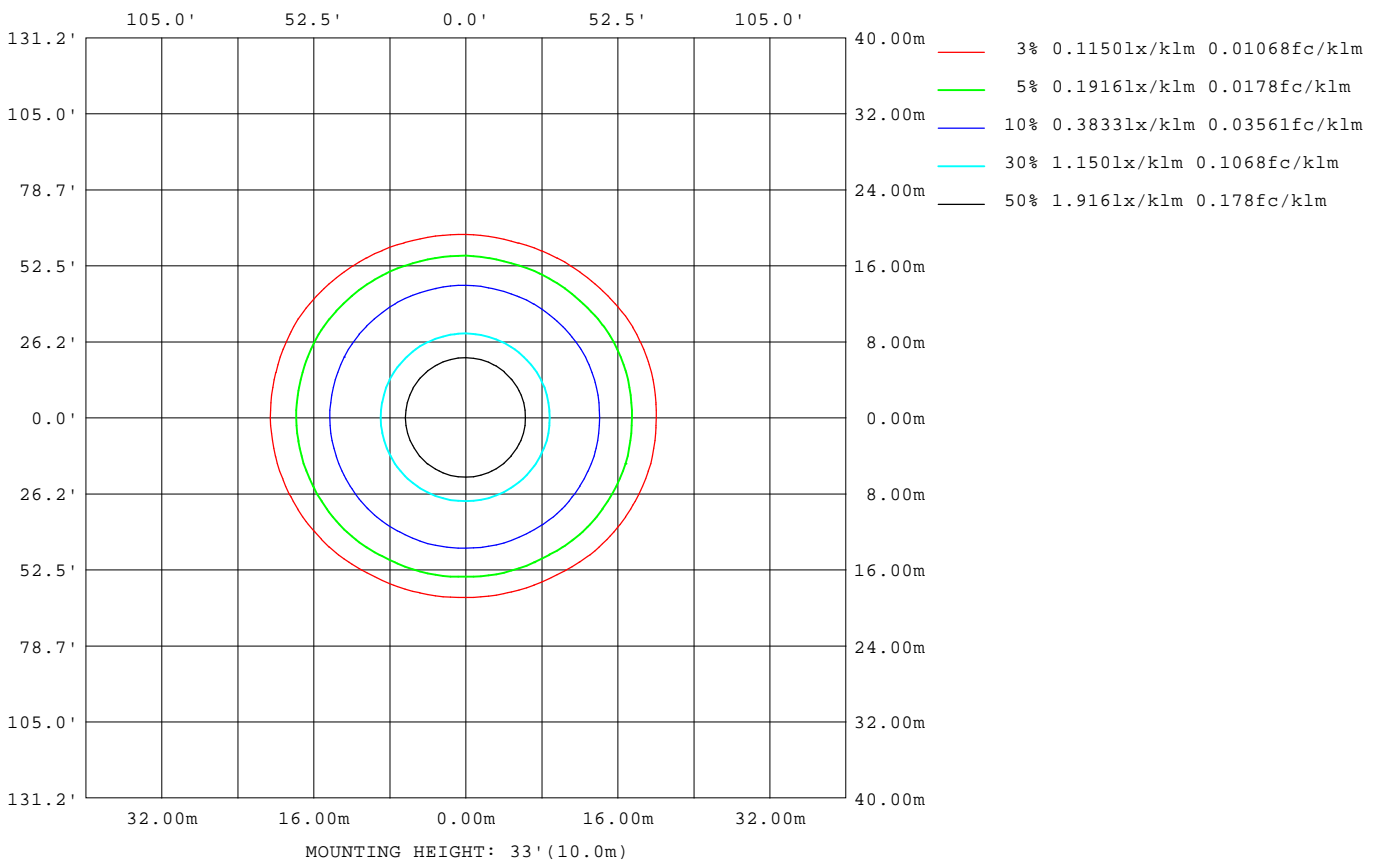
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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=1.0438]  
 Remarks:

ISOLUX DIAGRAM

Test:U:120.10V I:0.1496A P:14.630W PF:0.8144 Freq:59.98Hz Lamp Flux:1053.79x1 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=1.0438]  
 Remarks:

## LED Avg.L Report

Test:U:120.10V I:0.1496A P:14.630W PF:0.8144 Freq:59.98Hz Lamp Flux:1053.79x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

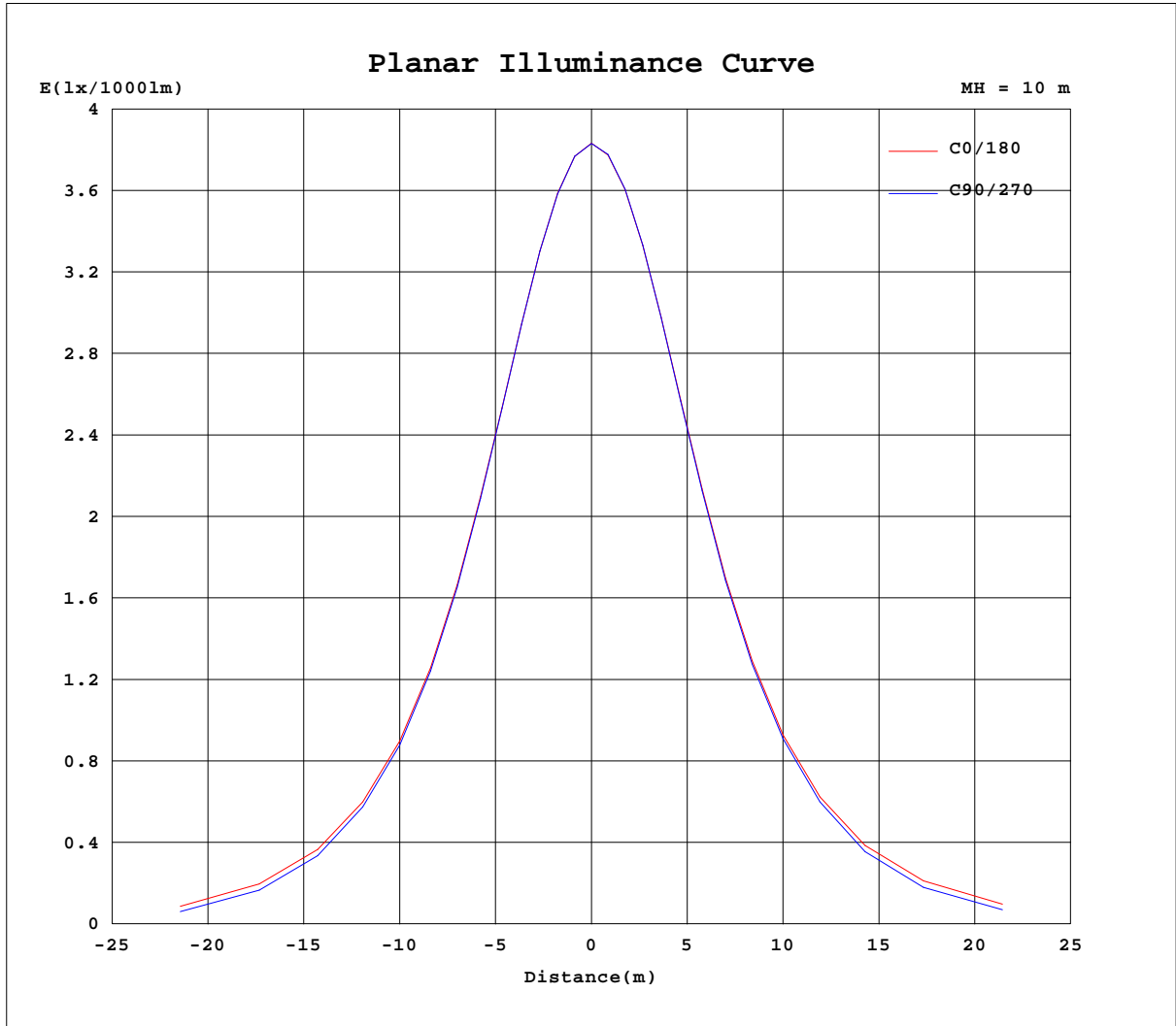
AvgL	cd/m2
L_0~180(65)av	3067
L_0~180(75)av	1140
L_0~180(85)av	435
L_90~270(65)av	2187
L_90~270(75)av	467
L_90~270(85)av	211
L_45(65)av	2675
L_45(75)av	693
L_45(85)av	289

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=1.0438]  
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=1.0438]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.10V I:0.1496A P:14.630W PF:0.8144 Freq:59.98Hz Lamp Flux:1053.79x1 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	381	381	381	381	381	381	381	381	382	382	382	382	382	382	382	382	382
10	375	376	375	375	375	375	375	376	376	376	377	377	377	378	378	378	378	377	377
15	366	367	366	366	366	366	366	368	367	368	368	369	369	370	370	370	370	369	370
20	355	355	354	354	354	355	355	356	356	357	357	358	359	359	360	359	359	359	359
25	340	340	340	340	339	340	340	341	341	342	343	344	345	345	346	345	345	345	345
30	323	323	322	322	321	322	322	323	323	325	326	327	329	328	329	329	328	328	327
35	303	303	302	301	301	301	301	302	303	305	306	307	309	309	310	309	308	308	307
40	280	281	279	278	277	277	276	278	279	282	283	285	287	287	288	286	286	284	284
45	254	255	252	253	249	250	249	252	252	257	257	260	263	262	264	261	261	257	257
50	226	227	223	223	218	218	216	220	222	227	229	232	235	234	236	232	231	226	226
55	194	195	191	189	182	180	178	182	186	194	197	201	205	204	205	199	196	190	189
60	158	159	154	148	138	135	133	138	142	154	160	166	170	169	169	162	155	147	144
65	116	116	110	101	88.7	83.3	81.8	86.8	93.8	107	118	125	130	130	128	118	107	97.8	93.7
70	66.8	66.2	59.6	49.5	38.0	34.0	33.5	37.6	43.3	56.5	68.8	77.6	82.9	82.7	79.5	66.9	54.9	45.9	43.2
75	21.9	21.2	18.0	13.7	10.7	10.2	10.3	11.0	12.0	16.8	24.6	30.6	34.1	33.3	30.8	22.2	16.2	13.1	12.6
80	6.87	6.76	6.39	6.02	5.69	5.70	5.68	5.99	6.28	6.78	7.32	8.03	8.59	8.39	8.18	7.31	6.95	6.65	6.48
85	2.92	2.75	2.17	1.80	1.43	1.41	1.36	1.58	1.79	2.50	3.05	3.75	4.28	4.14	3.78	3.18	2.76	2.33	2.12
90	0.41	0.49	0.51	0.42	0.48	0.39	0.35	0.28	0.26	0.27	0.30	0.34	0.46	0.39	0.32	0.25	0.21	0.19	0.18
95	0.56	0.62	0.64	0.54	0.62	0.56	0.49	0.44	0.40	0.41	0.42	0.46	0.43	0.48	0.50	0.40	0.47	0.44	0.40
100	0.74	0.80	0.81	0.71	0.77	0.72	0.67	0.61	0.58	0.58	0.60	0.63	0.60	0.64	0.66	0.54	0.61	0.59	0.55
105	0.96	0.99	1.00	0.88	0.96	0.91	0.87	0.82	0.79	0.78	0.81	0.84	0.80	0.82	0.83	0.73	0.78	0.75	0.73
110	1.17	1.19	1.21	1.10	1.16	1.12	1.07	1.03	1.00	1.00	1.02	1.05	1.00	1.02	1.02	0.93	0.98	0.96	0.93
115	1.39	1.42	1.42	1.31	1.37	1.33	1.29	1.24	1.21	1.22	1.24	1.27	1.22	1.22	1.22	1.13	1.19	1.16	1.14
120	1.58	1.60	1.61	1.51	1.58	1.53	1.51	1.46	1.44	1.43	1.45	1.48	1.41	1.43	1.42	1.34	1.40	1.38	1.35
125	1.81	1.81	1.82	1.71	1.77	1.73	1.71	1.66	1.63	1.62	1.64	1.67	1.60	1.61	1.60	1.52	1.57	1.57	1.56
130	2.04	2.00	1.99	1.89	1.95	1.92	1.90	1.85	1.83	1.81	1.83	1.85	1.79	1.79	1.78	1.70	1.75	1.76	1.75
135	2.21	2.20	2.16	2.06	2.06	2.09	2.08	2.03	1.99	1.95	1.99	2.03	1.96	1.95	1.95	1.86	1.92	1.93	1.92
140	2.31	2.31	2.32	2.16	2.18	2.26	2.24	2.20	2.15	2.10	2.16	2.19	2.11	2.11	2.12	1.97	2.08	2.07	2.10
145	2.42	2.42	2.34	2.33	2.39	2.36	2.36	2.31	2.32	2.28	2.30	2.35	2.26	2.24	2.19	2.15	2.20	2.24	2.22
150	2.66	2.51	2.49	2.49	2.49	2.47	2.48	2.45	2.44	2.45	2.45	2.46	2.37	2.35	2.34	2.35	2.32	2.32	2.39
155	2.79	2.64	2.77	2.74	2.62	2.64	2.62	2.59	2.62	2.59	2.62	2.63	2.53	2.51	2.51	2.51	2.57	2.51	2.55
160	2.82	2.77	2.81	2.81	2.80	2.80	2.77	2.83	2.77	2.72	2.76	2.81	2.70	2.66	2.68	2.69	2.78	2.67	2.69
165	2.91	2.87	2.90	2.95	2.92	2.92	2.91	2.90	2.87	2.83	2.87	2.88	2.83	2.80	2.82	2.86	2.82	2.81	2.86
170	2.96	2.96	2.96	2.97	2.97	2.98	2.96	2.93	2.94	2.96	2.96	2.96	2.90	2.92	2.92	2.90	2.89	2.89	2.91
175	3.05	3.04	3.06	3.06	3.06	3.05	3.03	3.03	3.03	3.06	3.06	3.04	3.00	3.01	3.02	3.03	3.01	3.01	3.02
180	3.08	3.08	3.08	3.10	3.10	3.08	3.09	3.08	3.10	3.11	3.11	3.09	3.08	3.08	3.08	3.10	3.09	3.09	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=1.0438]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.10V I:0.1496A P:14.630W PF:0.8144 Freq:59.98Hz Lamp Flux:1053.79x1 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	381	382	381	381														
10	377	377	377	377	376														
15	369	369	368	369	368														
20	358	358	357	357	357														
25	344	343	342	343	342														
30	326	326	325	326	325														
35	306	306	305	306	305														
40	282	282	281	283	282														
45	255	256	255	258	256														
50	223	225	225	229	228														
55	186	189	191	196	196														
60	141	146	150	159	160														
65	91.4	96.1	103	114	118														
70	41.4	45.5	52.9	64.9	69.5														
75	12.0	12.7	15.3	22.0	24.3														
80	6.30	6.37	6.34	6.73	6.96														
85	1.88	1.95	2.08	2.51	2.87														
90	0.20	0.20	0.23	0.24	0.31														
95	0.35	0.34	0.35	0.38	0.44														
100	0.52	0.50	0.52	0.55	0.61														
105	0.70	0.69	0.72	0.76	0.81														
110	0.91	0.89	0.93	0.96	1.02														
115	1.13	1.11	1.14	1.18	1.23														
120	1.35	1.35	1.37	1.40	1.50														
125	1.57	1.56	1.56	1.63	1.70														
130	1.77	1.77	1.74	1.82	1.89														
135	1.96	1.96	1.89	1.93	2.02														
140	2.08	2.06	2.05	2.09	2.15														
145	2.25	2.22	2.21	2.23	2.29														
150	2.42	2.36	2.46	2.39	2.43														
155	2.60	2.56	2.61	2.56	2.63														
160	2.77	2.73	2.71	2.73	2.77														
165	2.87	2.87	2.83	2.83	2.87														
170	2.93	2.94	2.95	2.94	2.95														
175	3.02	3.04	3.05	3.05	3.03														
180	3.09	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=1.0438]  
 Remarks: