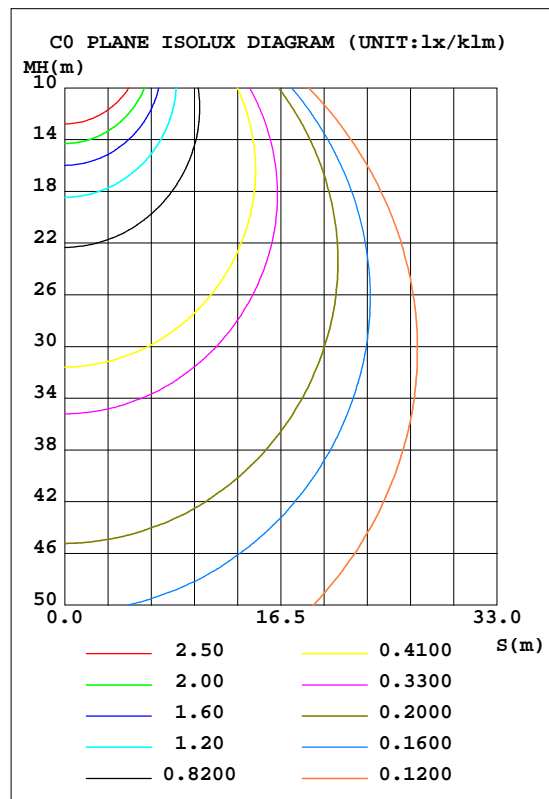
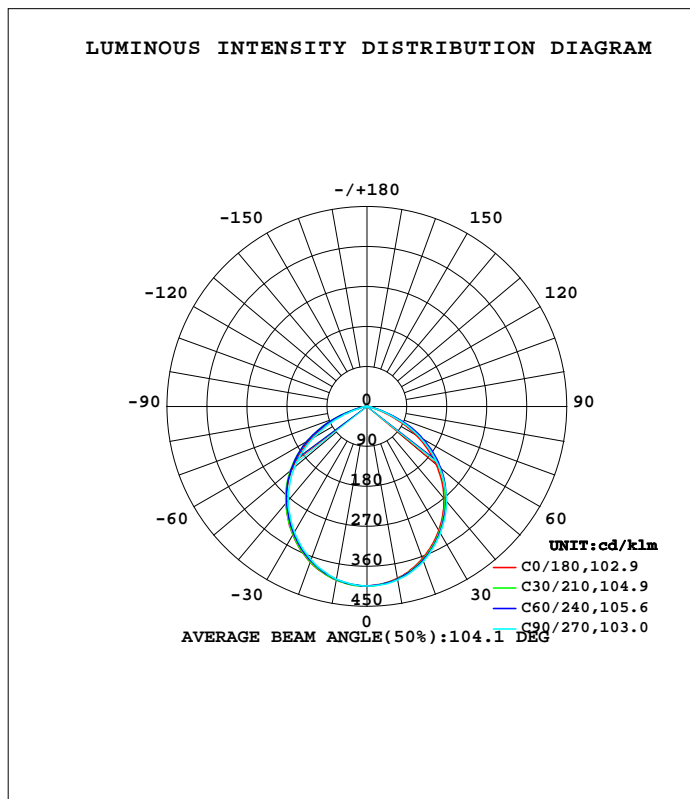


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.18V I:0.1465A P:14.417W PF:0.8131 Freq:59.98Hz Lamp Flux:1000x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 70.70 lm/W			
MODEL: LRKS-6D15AC-WH (2700K)		I _{max} (cd/klm)	404.6	S/MH(C0/180)	1.23
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	1.21
RATED VOLTAGE(V)	120	TOTAL FLUX(lm/klm)	1000.0	h UP,DN(C0-180)	0.5,49.5
NOMINAL FLUX(lm)	1000	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.4,49.6
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: 2022-03-12

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=1.0375]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

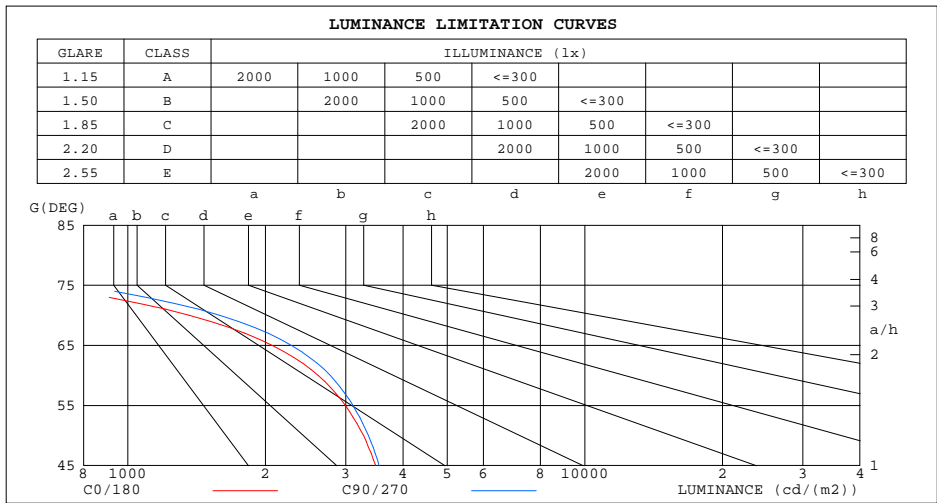
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	393.2	394.3	396.3	397.8	396.7	395.6	394.9	393.2	0- 10	38.13	38.13	3.81,3.81
20	364.7	368.3	370.9	373.7	372.8	370.4	367.5	366.2	10- 20	108.3	146.5	14.6,14.6
30	323.0	327.6	330.0	334.5	333.8	331.0	326.4	324.4	20- 30	161.5	307.9	30.8,30.8
40	270.1	277.7	278.1	286.0	284.4	281.7	276.5	273.5	30- 40	190.5	498.4	49.8,49.8
50	204.1	219.2	212.7	229.0	221.3	225.9	213.1	216.5	40- 50	192.1	690.6	69.1,69.1
60	126.3	147.2	136.6	159.2	145.1	157.7	136.5	146.4	50- 60	162.5	853.1	85.3,85.3
70	45.16	62.35	53.51	75.98	62.12	75.35	54.63	62.41	60- 70	102.0	955.1	95.5,95.5
80	8.862	9.381	9.531	11.66	11.10	12.01	10.32	9.527	70- 80	31.11	986.2	98.6,98.6
90	0.2674	0.2802	0.2384	0.2393	0.6570	0.2601	0.1818	0.2295	80- 90	4.987	991.2	99.1,99.1
100	0.5956	0.5982	0.5438	0.5360	0.4509	0.4743	0.4730	0.5354	90-100	0.4024	991.6	99.2,99.2
110	1.004	0.9873	0.9447	0.9187	0.8264	0.8491	0.8598	0.9181	100-110	0.7558	992.3	99.2,99.2
120	1.440	1.405	1.370	1.335	1.258	1.267	1.299	1.334	110-120	1.115	993.4	99.3,99.3
130	1.835	1.789	1.771	1.713	1.648	1.637	1.733	1.703	120-130	1.379	994.8	99.5,99.5
140	2.191	2.150	2.124	2.067	1.990	1.983	2.105	2.061	130-140	1.477	996.3	99.6,99.6
150	2.501	2.496	2.449	2.430	2.328	2.358	2.473	2.559	140-150	1.408	997.7	99.8,99.8
160	2.774	2.776	2.759	2.717	2.656	2.667	2.688	2.726	150-160	1.196	998.9	99.9,99.9
170	2.994	3.004	2.988	2.971	2.924	2.937	2.950	2.985	160-170	0.8050	999.7	100,100
180	3.088	3.118	3.084	3.119	3.102	3.113	3.084	3.133	170-180	0.2888	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:2022-03-12

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=1.0375]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.18V I:0.1465A P:14.417W PF:0.8131 Freq:59.98Hz Lamp Flux:1000x1 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	427	425
80	527	557
75	657	788
70	1364	1589
65	2070	2282
60	2610	2774
55	2995	3111
50	3280	3361
45	3487	3547

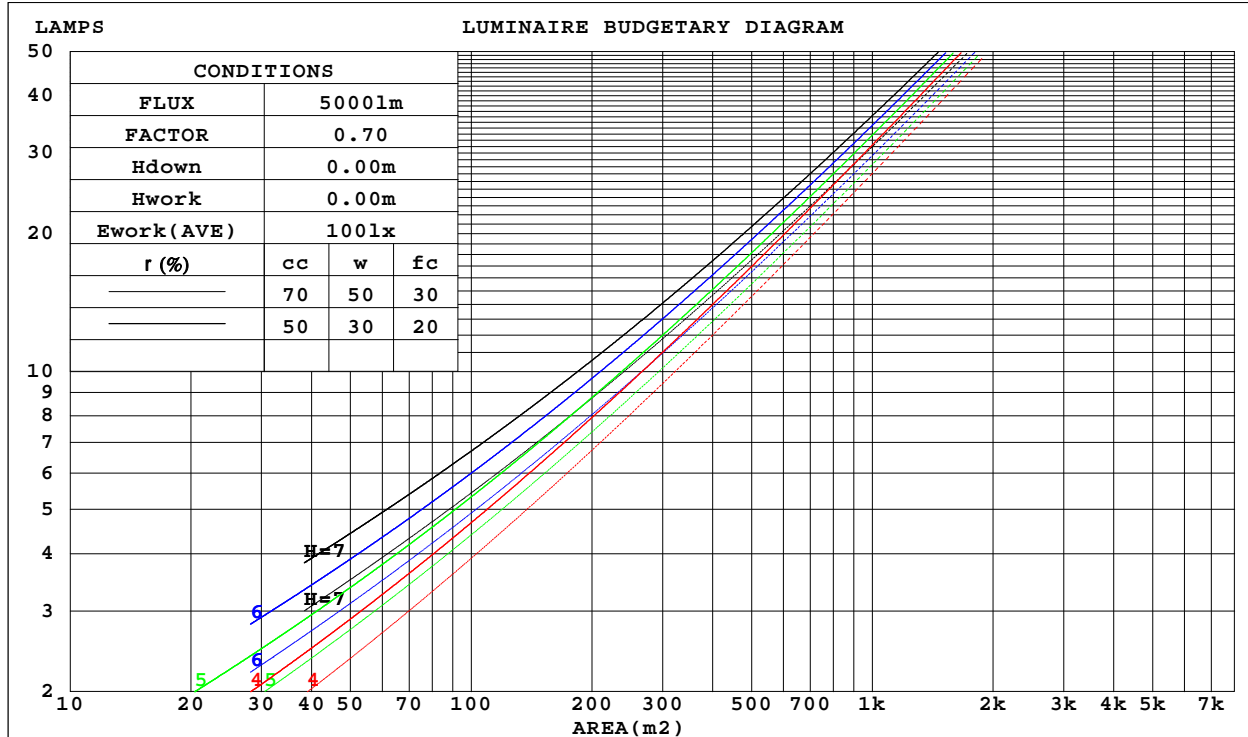
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-03-12

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=1.0375]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.18V I:0.1465A P:14.417W PF:0.8131 Freq:59.98Hz Lamp Flux:1000x1 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	1.03	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	.73	.68	.65	.63
4.0	.74	.65	.59	.72	.65	.59	.70	.63	.58	.67	.62	.57	.65	.60	.56	.54
5.0	.66	.58	.51	.65	.57	.51	.63	.56	.50	.61	.55	.50	.59	.53	.49	.47
6.0	.60	.51	.45	.59	.51	.45	.57	.50	.44	.55	.49	.44	.53	.48	.43	.41
7.0	.54	.46	.40	.53	.45	.40	.52	.45	.39	.50	.44	.39	.49	.43	.39	.37
8.0	.49	.41	.36	.49	.41	.35	.47	.40	.35	.46	.40	.35	.45	.39	.35	.33
9.0	.45	.37	.32	.45	.37	.32	.44	.37	.32	.43	.36	.32	.41	.36	.31	.30
10.0	.42	.34	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.38	.33	.29	.27



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-03-12

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=1.0375]
 Remarks:

WEC AND CCEC

Test:U:120.18V I:0.1465A P:14.417W PF:0.8131 Freq:59.98Hz Lamp Flux:1000x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING 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
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.270	.153	.049	.262	.150	.048	.249	.143	.046	.236	.136	.044	.225	.130	.042	
2.0	.262	.144	.044	.256	.141	.043	.244	.135	.042	.233	.131	.041	.223	.126	.040	
3.0	.248	.132	.039	.242	.130	.039	.231	.125	.038	.222	.121	.037	.213	.118	.036	
4.0	.232	.121	.035	.227	.119	.035	.218	.115	.034	.209	.112	.034	.201	.109	.033	
5.0	.217	.111	.032	.212	.109	.032	.204	.106	.031	.196	.104	.031	.189	.101	.030	
6.0	.203	.102	.029	.199	.100	.029	.191	.098	.029	.185	.096	.028	.178	.094	.028	
7.0	.190	.094	.027	.187	.093	.026	.180	.091	.026	.174	.089	.026	.168	.087	.026	
8.0	.178	.087	.025	.175	.086	.024	.169	.085	.024	.164	.083	.024	.158	.081	.024	
9.0	.168	.081	.023	.165	.080	.023	.160	.079	.022	.155	.078	.022	.150	.076	.022	
10.0	.158	.076	.021	.156	.075	.021	.151	.074	.021	.146	.073	.021	.142	.071	.021	

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.197	.197	.197	.169	.169	.169	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.184	.163	.144	.158	.140	.124	.108	.096	.086	.062	.056	.050	.020	.018	.016	
2.0	.175	.139	.108	.150	.120	.094	.103	.083	.065	.059	.048	.038	.019	.016	.012	
3.0	.167	.121	.084	.143	.104	.073	.098	.073	.051	.057	.042	.030	.018	.014	.010	
4.0	.159	.107	.068	.137	.093	.059	.094	.065	.041	.054	.038	.025	.018	.012	.008	
5.0	.152	.097	.056	.131	.084	.049	.090	.059	.034	.052	.034	.020	.017	.011	.007	
6.0	.146	.089	.048	.125	.077	.041	.086	.054	.029	.050	.032	.017	.016	.010	.006	
7.0	.139	.082	.041	.120	.071	.036	.083	.050	.026	.048	.029	.015	.016	.010	.005	
8.0	.133	.076	.037	.114	.066	.032	.079	.046	.023	.046	.027	.013	.015	.009	.004	
9.0	.127	.071	.033	.110	.062	.029	.076	.043	.020	.044	.026	.012	.014	.008	.004	
10.0	.122	.067	.030	.105	.058	.026	.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:2022-03-12

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=1.0375]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.18V I:0.1465A P:14.417W PF:0.8131 Freq:59.98Hz Lamp Flux:1000x1 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	15.6	17.1	16.0	17.5	17.8	16.0	17.6	16.4	17.9	18.2
3H	16.4	17.7	16.8	18.1	18.5	17.0	18.3	17.3	18.7	19.1
4H	16.4	17.7	16.8	18.1	18.5	17.0	18.3	17.4	18.7	19.1
6H	16.4	17.6	16.8	18.0	18.4	17.0	18.2	17.5	18.6	19.0
8H	16.4	17.5	16.8	17.9	18.4	17.0	18.1	17.5	18.5	19.0
12H	16.4	17.5	16.8	17.9	18.3	17.0	18.1	17.4	18.5	18.9
4H 2H	16.2	17.5	16.6	17.8	18.2	16.7	17.9	17.1	18.3	18.7
3H	17.0	18.1	17.5	18.5	18.9	17.7	18.8	18.2	19.2	19.6
4H	17.1	18.1	17.6	18.5	18.9	17.8	18.8	18.3	19.2	19.7
6H	17.1	17.9	17.6	18.4	18.9	17.9	18.7	18.3	19.1	19.6
8H	17.1	17.9	17.6	18.3	18.8	17.9	18.6	18.3	19.1	19.6
12H	17.1	17.8	17.6	18.3	18.8	17.8	18.5	18.3	19.0	19.5
8H 4H	17.1	17.9	17.6	18.4	18.9	17.9	18.7	18.4	19.2	19.6
6H	17.2	17.8	17.7	18.3	18.8	18.0	18.6	18.5	19.1	19.6
8H	17.2	17.7	17.7	18.3	18.8	18.0	18.5	18.5	19.0	19.6
12H	17.2	17.7	17.7	18.2	18.8	18.0	18.5	18.5	19.0	19.5
12H 4H	17.1	17.8	17.6	18.3	18.8	17.9	18.6	18.4	19.1	19.6
6H	17.1	17.7	17.7	18.2	18.7	17.9	18.5	18.5	19.0	19.5
8H	17.2	17.7	17.7	18.2	18.7	17.9	18.4	18.5	19.0	19.5
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:2022-03-12

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=1.0375]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.18V I:0.1465A P:14.417W PF:0.8131 Freq:59.98Hz Lamp Flux:1000x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

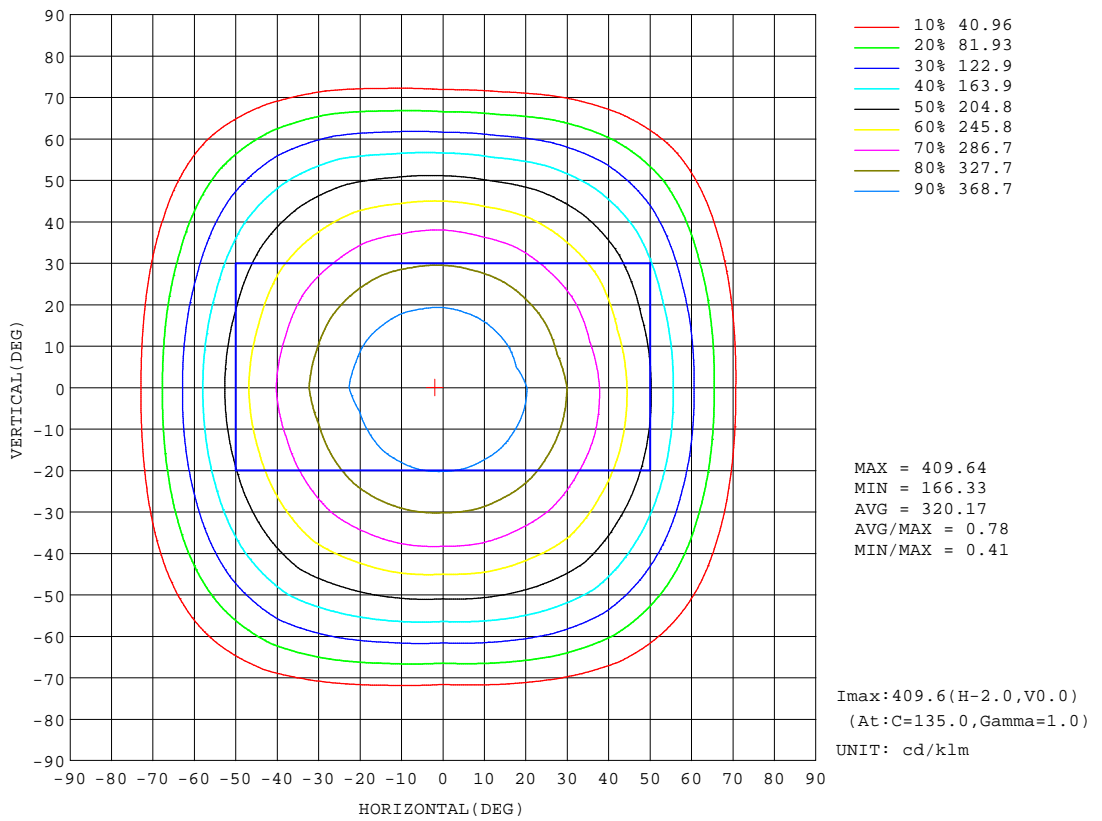
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	60	49	42	59	49	42	58	48	42	36
0.80	71	60	53	69	59	52	68	58	52	45
1.00	79	69	62	78	68	62	76	69	61	54
1.25	86	77	70	85	76	70	82	74	69	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: 2022-03-12

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=1.0375]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.18V I:0.1465A P:14.417W PF:0.8131 Freq:59.98Hz Lamp Flux:1000x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



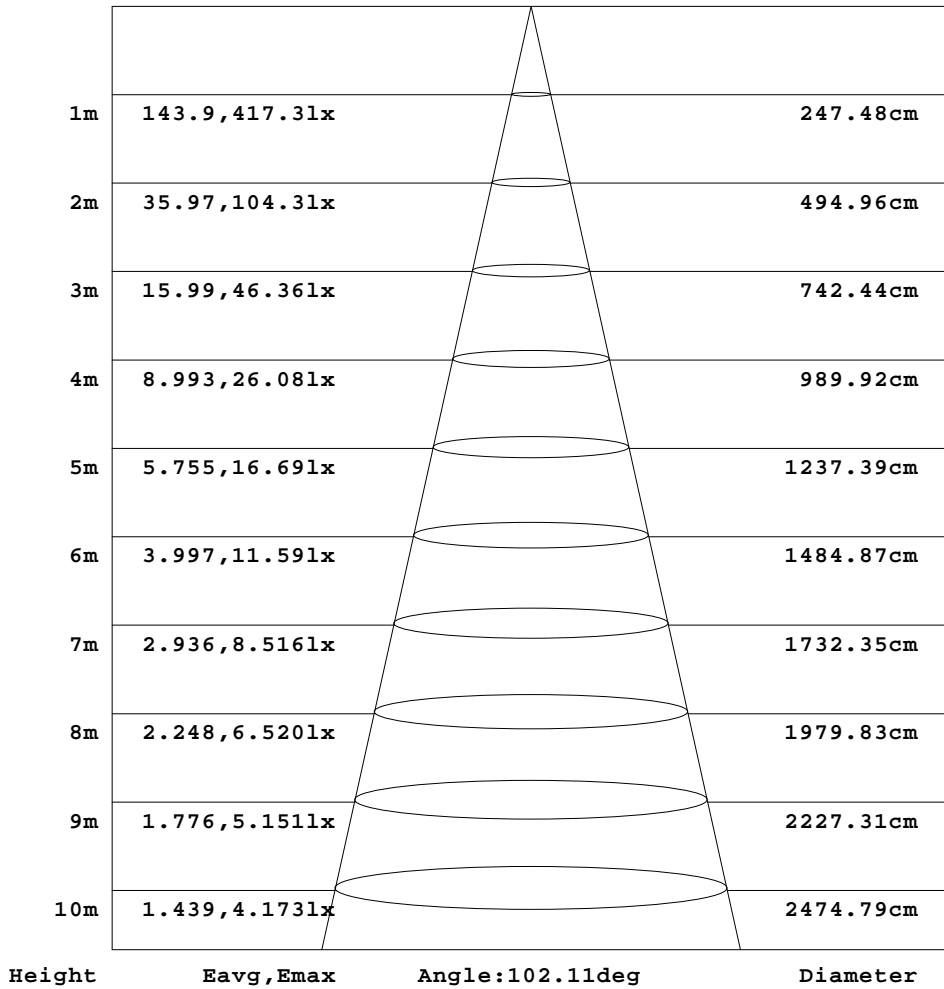
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-03-12

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=1.0375]
 Remarks:

AAI Figure

Test:U:120.18V I:0.1465A P:14.417W PF:0.8131 Freq:59.98Hz Lamp Flux:1000x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

Flux out:740.5 lm



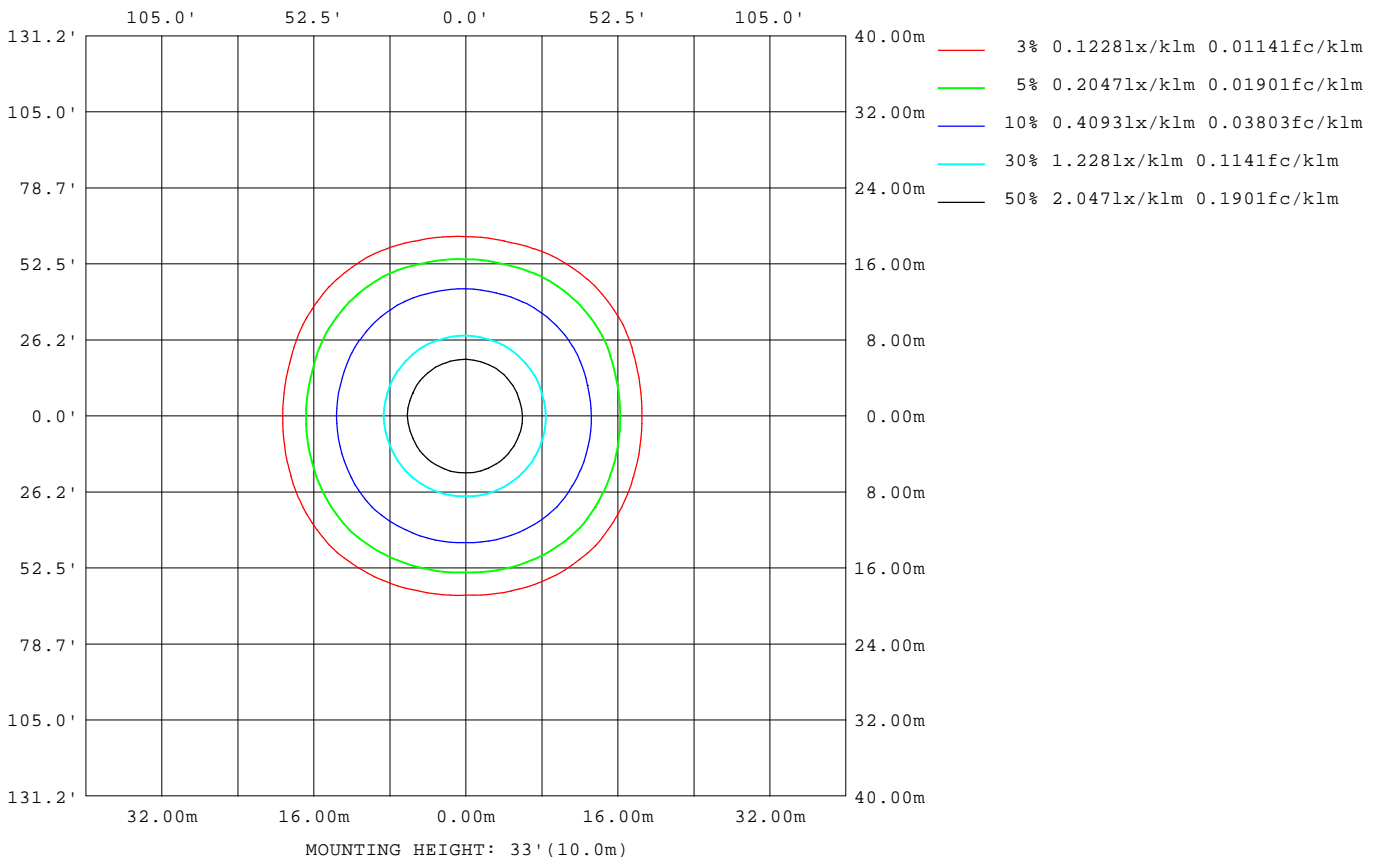
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-03-12

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=1.0375]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.18V I:0.1465A P:14.417W PF:0.8131 Freq:59.98Hz Lamp Flux:1000x1 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: 2022-03-12

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=1.0375]
 Remarks:

LED Avg.L Report

Test:U:120.18V I:0.1465A P:14.417W PF:0.8131 Freq:59.98Hz Lamp Flux:1000x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

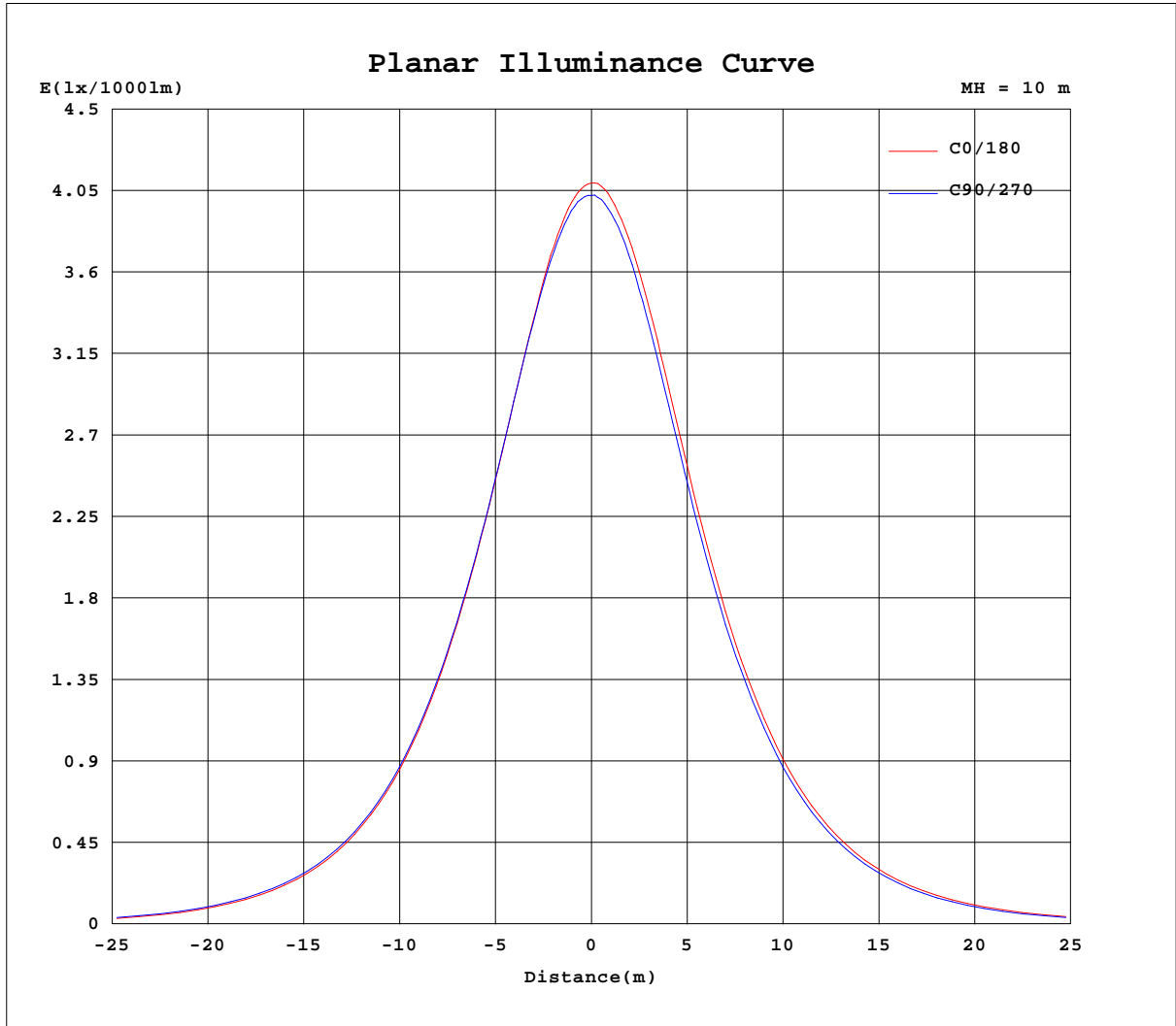
AvgL	cd/m2
L_0~180(65)av	2268
L_0~180(75)av	853
L_0~180(85)av	546
L_90~270(65)av	2289
L_90~270(75)av	837
L_90~270(85)av	468
L_45(65)av	2715
L_45(75)av	1192
L_45(85)av	513

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-03-12

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=1.0375]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-03-12

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=1.0375]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.18V I:0.1465A P:14.417W PF:0.8131 Freq:59.98Hz Lamp Flux:1000x1 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	404	404	404	404	404	404	404	404	404	404	404	404	404	404	404	404	404	404	404
5	401	401	401	401	402	402	402	402	402	403	403	403	403	402	403	402	402	401	401
10	393	394	394	394	395	395	396	397	396	398	397	397	397	397	397	396	395	394	395
15	381	382	383	384	384	385	386	386	386	388	387	387	387	387	387	385	385	383	383
20	365	367	368	368	369	370	371	372	372	374	373	373	373	372	373	370	370	367	367
25	345	347	348	349	350	351	352	353	354	356	355	355	355	354	354	352	351	349	349
30	323	325	326	328	328	330	330	332	333	334	334	334	334	333	333	331	330	327	326
35	298	300	301	303	303	305	305	307	309	311	310	311	310	309	310	307	306	303	302
40	270	273	274	278	277	279	278	281	283	286	285	285	284	283	284	282	282	277	276
45	239	242	245	250	249	249	247	251	253	258	257	257	255	253	257	254	254	248	246
50	204	208	212	219	217	216	213	218	222	229	226	224	221	221	226	226	224	216	213
55	166	171	177	185	183	179	176	181	187	196	193	189	185	185	192	194	191	181	177
60	126	131	139	147	145	141	137	142	151	159	156	150	145	146	155	158	155	142	136
65	84.7	88.9	97.5	106	105	99.5	94.9	101	111	119	116	109	103	106	115	119	114	102	94.9
70	45.2	48.7	55.4	62.4	61.8	57.9	53.5	59.6	68.8	76.0	73.5	67.7	62.1	64.4	73.3	75.4	71.7	61.2	54.6
75	16.5	18.3	21.4	25.3	24.5	22.5	20.1	24.1	29.8	35.1	33.9	30.6	26.9	28.5	34.0	34.9	32.8	26.5	22.5
80	8.86	9.23	9.46	9.38	9.61	10.1	9.53	10.6	10.8	11.7	11.5	11.7	11.1	11.5	11.8	12.0	11.5	11.1	10.3
85	3.60	3.71	3.55	3.66	3.47	3.64	3.65	3.80	4.22	4.99	5.52	6.00	5.73	5.85	5.80	5.36	5.14	4.51	4.36
90	0.27	0.27	0.28	0.28	0.28	0.24	0.24	0.23	0.24	0.24	0.25	0.49	0.66	0.58	0.48	0.26	0.20	0.19	0.18
95	0.42	0.42	0.43	0.43	0.41	0.39	0.38	0.37	0.39	0.41	0.36	0.34	0.29	0.30	0.30	0.32	0.32	0.32	0.32
100	0.60	0.59	0.61	0.60	0.59	0.56	0.54	0.54	0.54	0.54	0.53	0.51	0.45	0.46	0.46	0.47	0.48	0.48	0.47
105	0.79	0.78	0.80	0.79	0.78	0.75	0.74	0.73	0.73	0.73	0.72	0.69	0.62	0.64	0.64	0.66	0.67	0.67	0.66
110	1.00	1.00	1.00	0.99	0.98	0.95	0.94	0.93	0.93	0.92	0.91	0.89	0.83	0.83	0.84	0.85	0.86	0.87	0.86
115	1.22	1.21	1.21	1.20	1.19	1.17	1.15	1.15	1.14	1.12	1.12	1.11	1.05	1.05	1.05	1.06	1.07	1.07	1.08
120	1.44	1.43	1.42	1.40	1.39	1.39	1.37	1.36	1.35	1.33	1.33	1.32	1.26	1.26	1.26	1.27	1.27	1.29	1.30
125	1.65	1.63	1.61	1.60	1.59	1.58	1.58	1.56	1.55	1.54	1.53	1.54	1.47	1.47	1.46	1.46	1.50	1.51	1.54
130	1.83	1.82	1.80	1.79	1.78	1.77	1.77	1.73	1.72	1.71	1.70	1.72	1.65	1.65	1.63	1.64	1.68	1.70	1.73
135	2.02	2.00	1.98	1.97	1.96	1.95	1.95	1.92	1.90	1.89	1.90	1.90	1.82	1.82	1.82	1.82	1.82	1.90	1.94
140	2.19	2.17	2.17	2.15	2.13	2.12	2.12	2.09	2.08	2.07	2.08	2.08	1.99	2.00	1.98	1.98	2.00	2.00	2.10
145	2.35	2.35	2.34	2.33	2.31	2.29	2.30	2.26	2.26	2.25	2.26	2.26	2.16	2.17	2.17	2.17	2.18	2.19	2.22
150	2.50	2.50	2.49	2.50	2.48	2.45	2.45	2.42	2.43	2.43	2.42	2.42	2.33	2.33	2.34	2.36	2.40	2.35	2.47
155	2.76	2.64	2.64	2.64	2.62	2.61	2.62	2.59	2.57	2.58	2.58	2.57	2.53	2.54	2.51	2.55	2.57	2.52	2.59
160	2.77	2.78	2.81	2.78	2.76	2.76	2.76	2.73	2.71	2.72	2.73	2.72	2.66	2.69	2.66	2.67	2.68	2.68	2.69
165	2.90	2.90	2.89	2.88	2.89	2.90	2.89	2.87	2.85	2.84	2.86	2.86	2.80	2.80	2.80	2.79	2.82	2.83	2.85
170	2.99	2.99	2.99	3.00	3.01	3.01	2.99	2.98	2.96	2.97	2.97	2.97	2.92	2.93	2.93	2.94	2.93	2.94	2.95
175	3.06	3.08	3.06	3.09	3.08	3.06	3.05	3.05	3.05	3.07	3.07	3.06	3.01	3.03	3.06	3.04	3.03	3.03	3.02
180	3.09	3.10	3.10	3.12	3.09	3.08	3.08	3.10	3.10	3.12	3.12	3.10	3.10	3.09	3.11	3.11	3.10	3.09	3.08

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-03-12

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=1.0375]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.18V I:0.1465A P:14.417W PF:0.8131 Freq:59.98Hz Lamp Flux:1000x1 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	404	404	404	404	404														
5	401	401	401	401	400														
10	394	393	393	393	393														
15	382	381	382	381	381														
20	366	366	366	365	365														
25	347	347	347	346	346														
30	324	325	324	324	323														
35	300	301	300	300	298														
40	274	275	274	274	271														
45	244	247	246	246	240														
50	211	216	217	214	207														
55	175	182	183	180	171														
60	137	144	146	143	132														
65	95.2	103	106	102	91.0														
70	55.0	61.0	62.4	59.7	50.9														
75	22.6	25.4	25.6	23.9	19.2														
80	10.4	10.2	9.53	9.59	9.22														
85	3.93	3.81	3.52	3.79	3.58														
90	0.20	0.21	0.23	0.23	0.22														
95	0.32	0.34	0.36	0.36	0.36														
100	0.49	0.51	0.54	0.54	0.53														
105	0.68	0.70	0.72	0.72	0.72														
110	0.88	0.91	0.92	0.92	0.93														
115	1.10	1.11	1.12	1.13	1.14														
120	1.32	1.37	1.33	1.33	1.34														
125	1.54	1.58	1.54	1.54	1.55														
130	1.74	1.79	1.70	1.72	1.72														
135	2.00	2.00	1.89	1.88	1.93														
140	2.06	2.06	2.06	2.05	2.07														
145	2.23	2.23	2.24	2.24	2.25														
150	2.39	2.44	2.56	2.40	2.41														
155	2.55	2.61	2.72	2.58	2.73														
160	2.71	2.72	2.73	2.72	2.73														
165	2.87	2.87	2.85	2.85	2.85														
170	2.98	2.98	2.98	2.97	2.97														
175	3.06	3.06	3.09	3.07	3.06														
180	3.09	3.10	3.13	3.12	3.11														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-03-12

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=1.0375]
 Remarks: