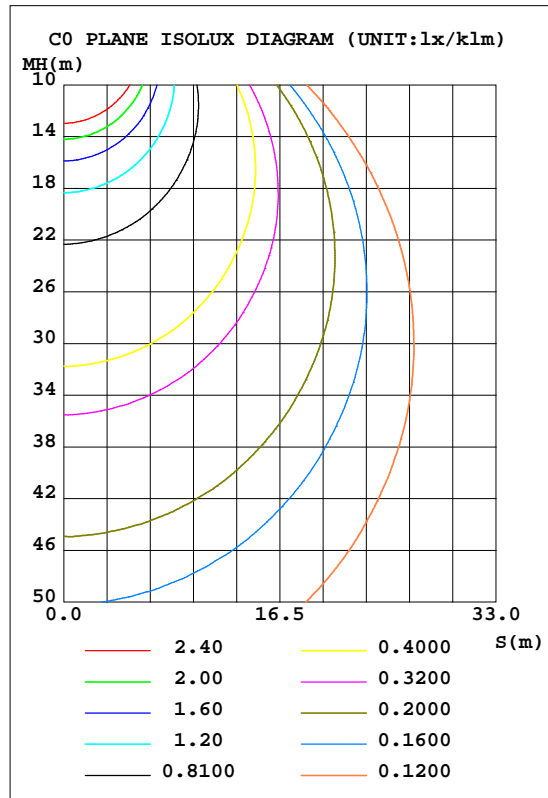
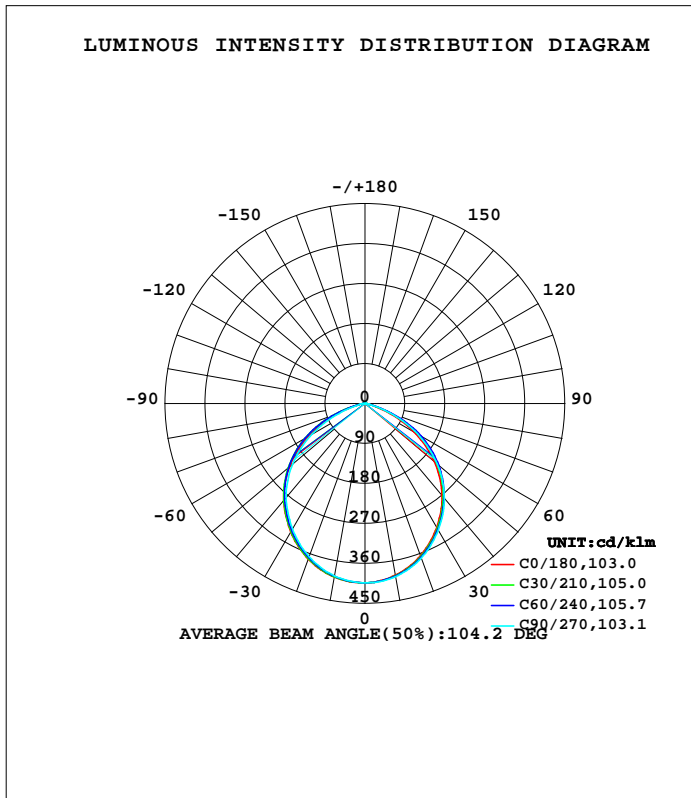


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.21V I:0.1467A P:14.348W PF:0.8133 Freq:59.98Hz Lamp Flux:1072.49x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 74.75 lm/W			
AMODEDLOBS-6D15AC-WH(4000K)		I _{max} (cd/klm)	404.3	S/MH(C0/180)	1.24
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	1.21
RATED VOLTAGE(V)	120	TOTAL FLUX(lm/klm)	1000.00	h UP, DN(C0-180)	0.5,49.5
NOMINAL FLUX(lm)	1072.49	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=1.0688]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

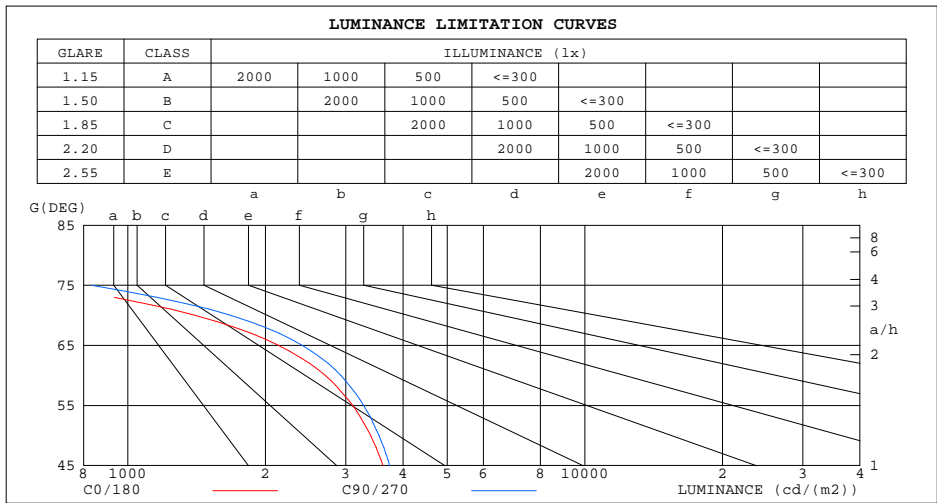
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	392.5	394.3	395.9	396.6	396.9	395.5	394.3	392.5	0- 10	38.10	38.10	3.81,3.81
20	364.7	368.1	370.7	373.0	373.4	370.7	367.2	365.2	10- 20	108.3	146.4	14.6,14.6
30	322.6	327.4	329.8	334.4	334.3	331.1	326.6	324.0	20- 30	161.4	307.7	30.8,30.8
40	269.7	277.4	278.0	285.4	284.7	282.1	276.6	273.4	30- 40	190.5	498.2	49.8,49.8
50	204.0	219.2	212.6	228.8	221.6	226.5	213.2	216.2	40- 50	192.2	690.4	69,69
60	126.1	147.0	136.7	159.1	145.6	158.1	136.6	146.5	50- 60	162.6	853.0	85.3,85.3
70	44.76	62.09	53.55	75.92	62.47	75.76	54.70	62.43	60- 70	102.1	955.1	95.5,95.5
80	8.841	9.333	9.522	11.64	11.11	12.08	10.32	9.510	70- 80	31.14	986.2	98.6,98.6
90	0.2592	0.2785	0.2302	0.2351	0.7194	0.2631	0.1779	0.2300	80- 90	4.982	991.2	99.1,99.1
100	0.5946	0.6001	0.5468	0.5372	0.4371	0.4796	0.4708	0.5318	90-100	0.4016	991.6	99.2,99.2
110	1.007	0.9888	0.9500	0.9255	0.8210	0.8489	0.8645	0.9154	100-110	0.7552	992.3	99.2,99.2
120	1.449	1.406	1.372	1.333	1.248	1.257	1.292	1.328	110-120	1.113	993.5	99.3,99.3
130	1.833	1.781	1.771	1.707	1.646	1.641	1.729	1.711	120-130	1.377	994.8	99.5,99.5
140	2.183	2.136	2.126	2.071	1.978	1.977	2.112	2.066	130-140	1.475	996.3	99.6,99.6
150	2.505	2.495	2.448	2.436	2.323	2.356	2.396	2.550	140-150	1.406	997.7	99.8,99.8
160	2.789	2.778	2.750	2.723	2.659	2.668	2.689	2.723	150-160	1.195	998.9	99.9,99.9
170	2.999	2.999	2.986	2.958	2.918	2.932	2.962	2.987	160-170	0.8041	999.7	100,100
180	3.100	3.109	3.082	3.116	3.100	3.119	3.091	3.116	170-180	0.2886	1000.0	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=1.0688]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.21V I:0.1467A P:14.348W PF:0.8133 Freq:59.98Hz Lamp Flux:1072.49x1 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	437	444
80	546	588
75	675	832
70	1403	1678
65	2139	2410
60	2704	2929
55	3106	3284
50	3402	3545
45	3614	3743

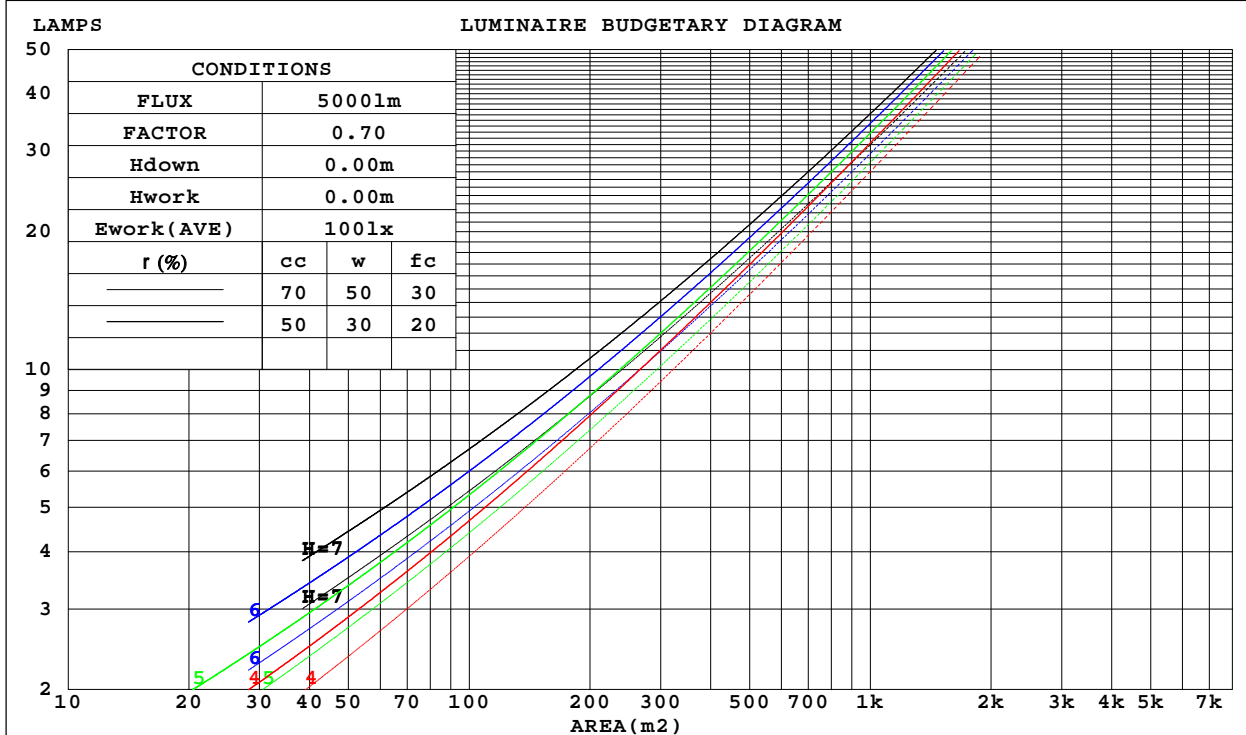
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-03-12

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=1.0688]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.21V I:0.1467A P:14.348W PF:0.8133 Freq:59.98Hz Lamp Flux:1072.49x1 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	.80	.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	.57	.51	.65	.57	.51	.63	.56	.50	.61	.54	.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=1.0688]
 Remarks:

WEC AND CCEC

Test:U:120.21V I:0.1467A P:14.348W PF:0.8133 Freq:59.98Hz Lamp Flux:1072.49x1 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	.270	.153	.049	.262	.150	.048	.249	.143	.046	.236	.136	.044	.225	.130	.042	
2.0	.262	.144	.044	.256	.141	.043	.244	.136	.042	.233	.131	.041	.223	.126	.040	
3.0	.248	.132	.039	.242	.130	.039	.231	.125	.038	.222	.122	.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	.192	.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	

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	.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=1.0688]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.21V I:0.1467A P:14.348W PF:0.8133 Freq:59.98Hz Lamp Flux:1072.49x1 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	15.5	17.1	15.9	17.4	17.7	16.1	17.6	16.4	17.9	18.3
3H	16.3	17.7	16.7	18.0	18.4	17.0	18.4	17.4	18.7	19.1
4H	16.3	17.6	16.7	18.0	18.4	17.1	18.4	17.5	18.7	19.1
6H	16.3	17.5	16.8	17.9	18.3	17.1	18.2	17.5	18.6	19.0
8H	16.3	17.4	16.8	17.9	18.3	17.0	18.2	17.5	18.6	19.0
12H	16.3	17.4	16.7	17.8	18.2	17.0	18.1	17.5	18.5	19.0
4H 2H	16.1	17.4	16.5	17.8	18.2	16.7	18.0	17.1	18.3	18.7
3H	17.0	18.0	17.4	18.4	18.9	17.8	18.8	18.2	19.2	19.7
4H	17.0	18.0	17.5	18.4	18.9	17.9	18.8	18.3	19.3	19.7
6H	17.0	17.9	17.5	18.3	18.8	17.9	18.7	18.4	19.2	19.7
8H	17.0	17.8	17.5	18.3	18.8	17.9	18.7	18.4	19.1	19.6
12H	17.0	17.7	17.5	18.2	18.7	17.9	18.6	18.4	19.1	19.5
8H 4H	17.1	17.8	17.5	18.3	18.8	18.0	18.7	18.4	19.2	19.7
6H	17.1	17.7	17.6	18.2	18.7	18.0	18.6	18.5	19.1	19.6
8H	17.1	17.7	17.6	18.2	18.7	18.0	18.6	18.5	19.1	19.6
12H	17.1	17.6	17.6	18.1	18.7	18.0	18.5	18.5	19.0	19.6
12H 4H	17.0	17.7	17.5	18.2	18.7	17.9	18.6	18.4	19.1	19.6
6H	17.1	17.6	17.6	18.1	18.7	18.0	18.5	18.5	19.0	19.6
8H	17.1	17.6	17.6	18.1	18.7	18.0	18.5	18.5	19.0	19.6
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=1.0688]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.21V I:0.1467A P:14.348W PF:0.8133 Freq:59.98Hz Lamp Flux:1072.49x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

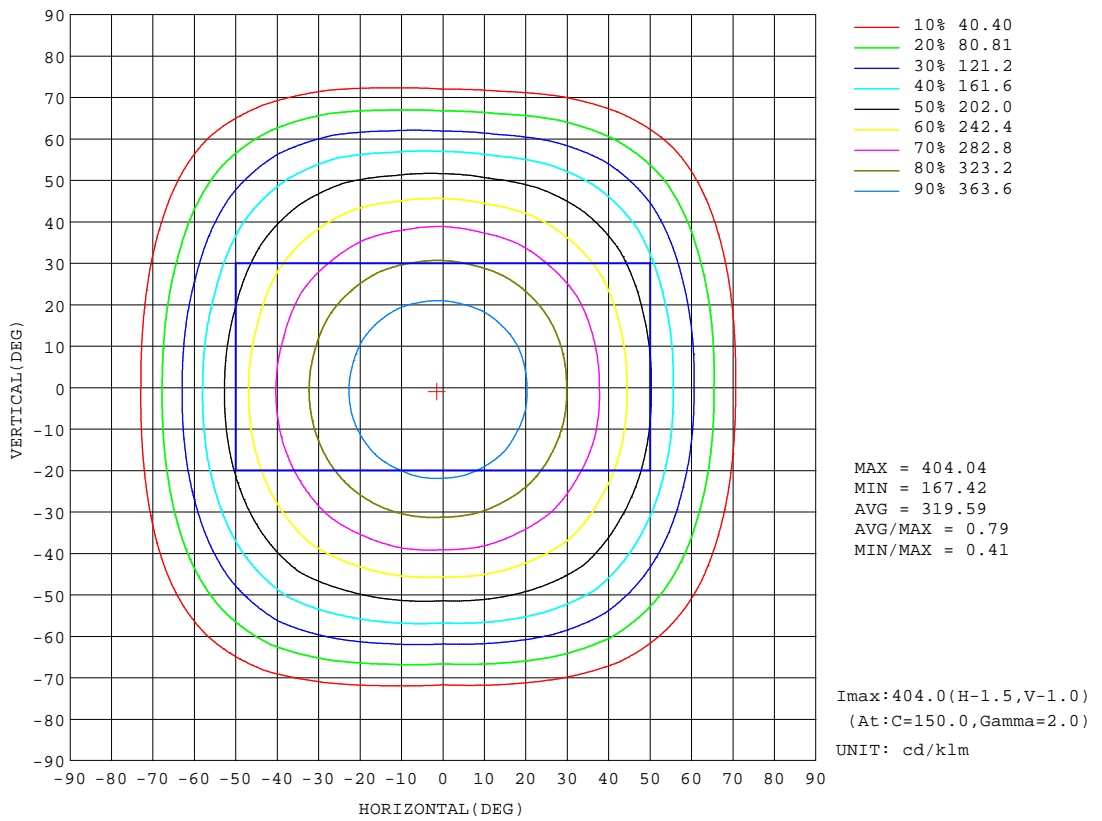
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	60	49	42	59	49	42	58	48	42	36
0.80	70	60	53	69	59	52	68	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=1.0688]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.21V I:0.1467A P:14.348W PF:0.8133 Freq:59.98Hz Lamp Flux:1072.49x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



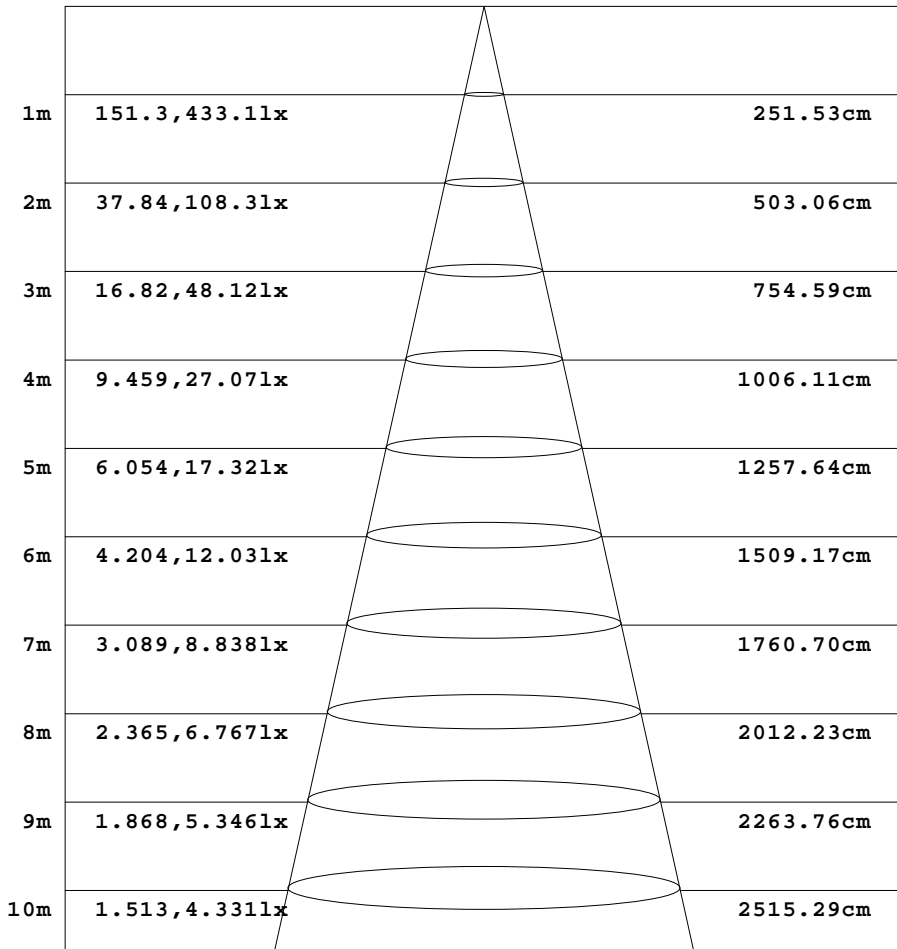
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-03-12

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=1.0688]
 Remarks:

AAI Figure

Test:U:120.21V I:0.1467A P:14.348W PF:0.8133 Freq:59.98Hz Lamp Flux:1072.49x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

Flux out:778.9 lm



Height Eavg, Emax Angle:103.02deg Diameter

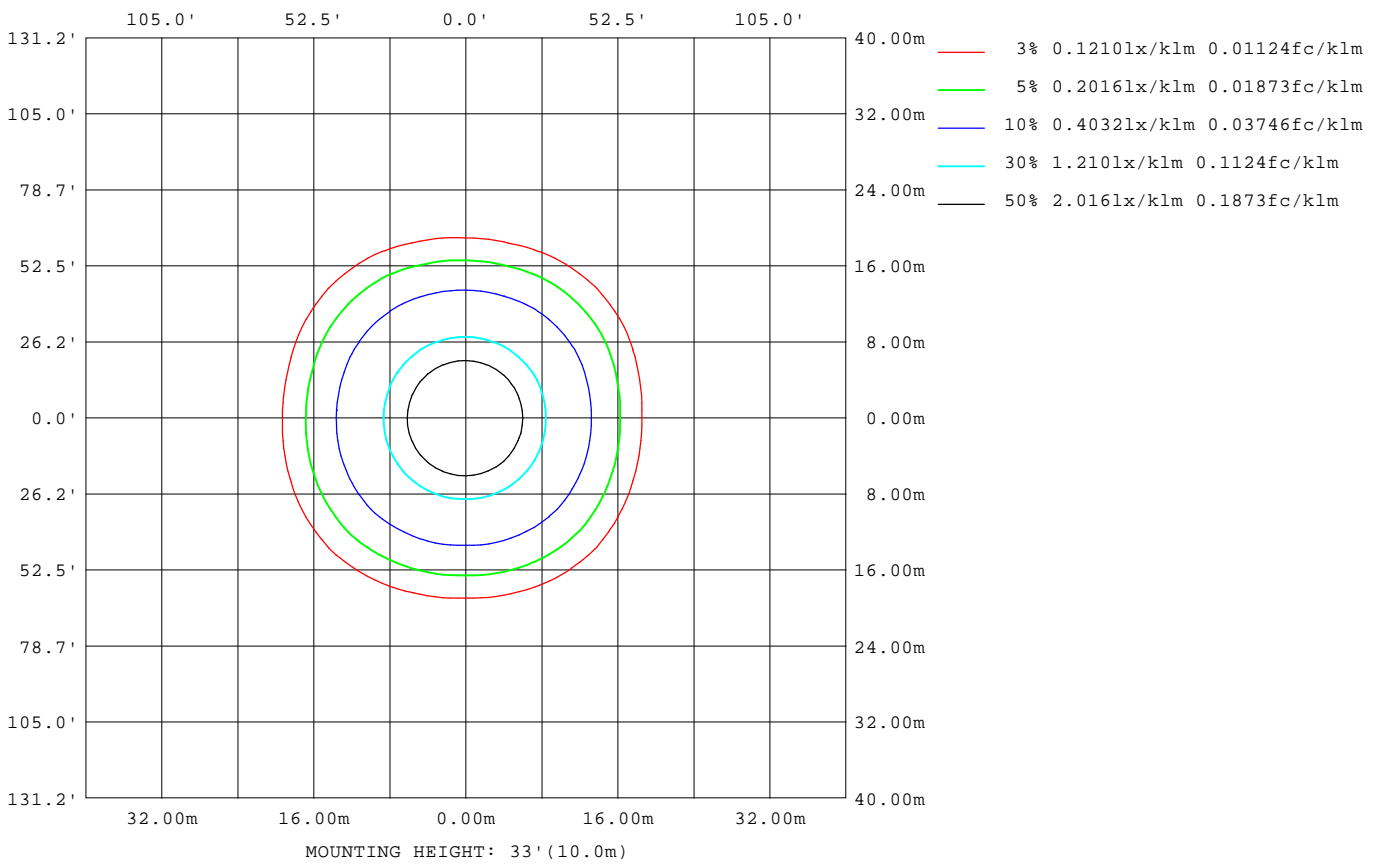
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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=1.0688]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.21V I:0.1467A P:14.348W PF:0.8133 Freq:59.98Hz Lamp Flux:1072.49x1 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=1.0688]
 Remarks:

LED Avg.L Report

Test:U:120.21V I:0.1467A P:14.348W PF:0.8133 Freq:59.98Hz Lamp Flux:1072.49x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

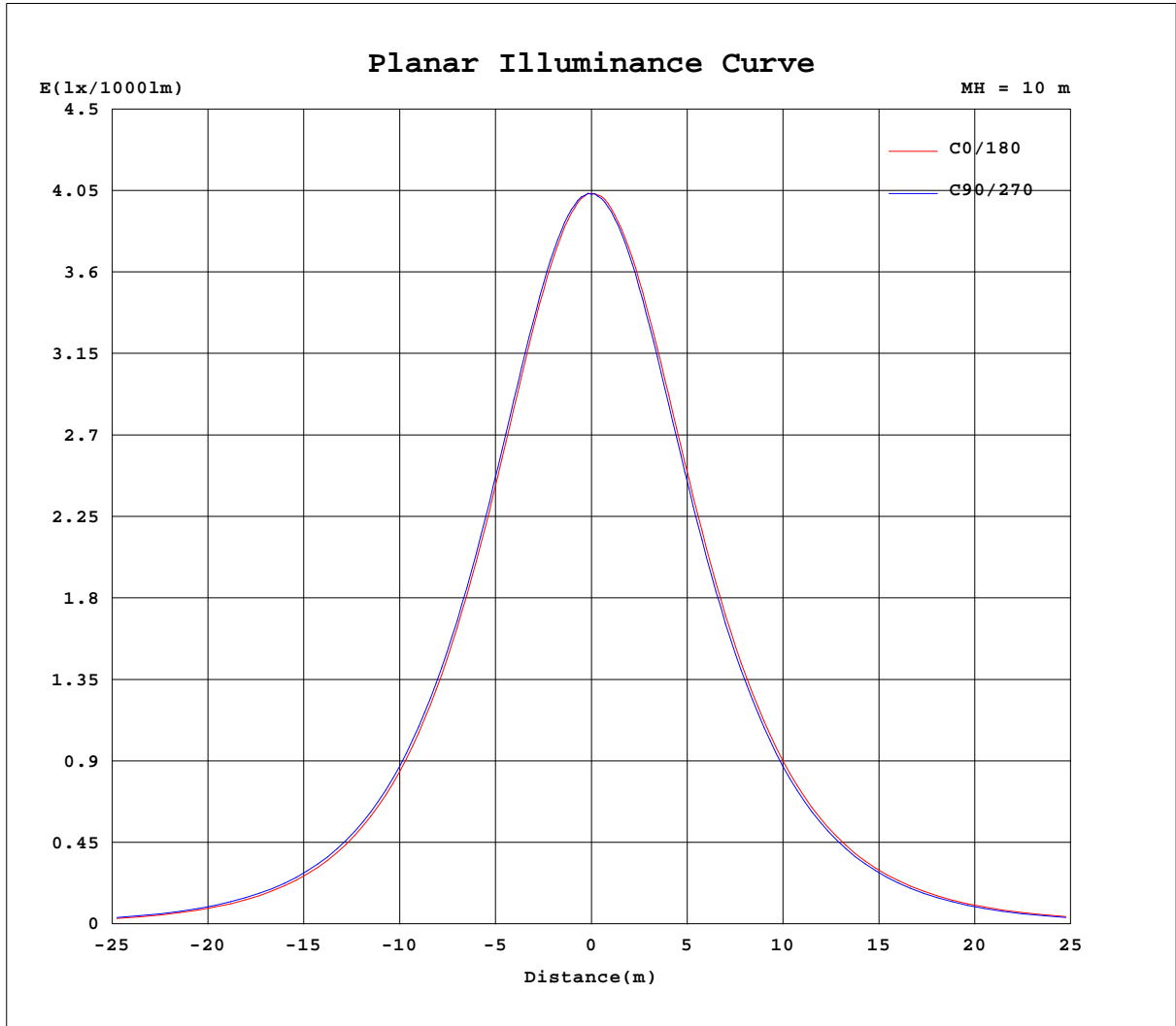
AvgL	cd/m2
L_0~180(65)av	2388
L_0~180(75)av	901
L_0~180(85)av	574
L_90~270(65)av	2411
L_90~270(75)av	882
L_90~270(85)av	491
L_45(65)av	2857
L_45(75)av	1256
L_45(85)av	536

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=1.0688]
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=1.0688]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.21V I:0.1467A P:14.348W PF:0.8133 Freq:59.98Hz Lamp Flux:1072.49x1 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	403	403	403	403	403	403	403	403	403	403	403	403	403	403	403	403	403	403	403
5	400	400	401	401	401	401	402	402	402	402	402	403	403	402	402	402	401	401	401
10	393	393	394	394	395	395	396	396	396	397	397	397	397	396	396	395	394	394	394
15	381	381	383	383	384	384	385	385	386	387	387	388	387	386	386	385	384	383	383
20	365	366	367	368	369	370	371	372	372	373	373	373	373	372	372	371	370	368	367
25	345	346	347	349	350	351	352	353	354	355	355	355	355	354	354	353	352	349	349
30	323	324	325	327	327	329	330	331	333	334	334	334	334	333	333	331	330	327	327
35	298	300	301	303	303	305	305	307	309	310	311	311	310	309	309	308	306	303	302
40	270	273	274	277	277	279	278	282	282	285	285	286	285	283	285	282	282	277	277
45	238	242	245	250	249	249	247	251	254	258	257	257	255	253	257	255	254	248	246
50	204	208	212	219	217	215	213	218	222	229	226	224	222	221	226	226	224	216	213
55	166	170	177	185	183	179	176	181	187	196	193	189	185	185	192	194	191	181	177
60	126	130	139	147	146	141	137	142	151	159	156	150	146	147	156	158	155	143	137
65	84.3	88.3	97.2	106	105	99.5	95.0	101	111	119	116	109	104	106	116	119	114	102	95.0
70	44.8	48.2	55.1	62.1	61.7	57.9	53.5	59.7	68.9	75.9	73.6	67.8	62.5	64.8	73.6	75.8	71.8	61.5	54.7
75	16.3	18.1	21.2	25.2	24.5	22.4	20.1	24.2	29.8	35.2	33.9	30.6	27.2	28.8	34.3	35.2	32.9	26.6	22.5
80	8.84	9.18	9.36	9.33	9.58	10.0	9.52	10.6	10.8	11.6	11.6	11.7	11.1	11.5	11.9	12.1	11.5	11.1	10.3
85	3.55	3.67	3.49	3.60	3.39	3.57	3.61	3.91	4.28	4.94	5.51	5.99	5.78	5.90	5.85	5.38	5.15	4.53	4.37
90	0.26	0.26	0.28	0.28	0.27	0.24	0.23	0.23	0.24	0.24	0.26	0.48	0.72	0.61	0.49	0.26	0.19	0.19	0.18
95	0.41	0.41	0.43	0.43	0.41	0.38	0.37	0.41	0.42	0.37	0.37	0.36	0.28	0.30	0.30	0.32	0.32	0.32	0.31
100	0.59	0.59	0.61	0.60	0.59	0.56	0.55	0.54	0.55	0.54	0.53	0.51	0.44	0.46	0.46	0.48	0.47	0.47	0.47
105	0.79	0.79	0.80	0.79	0.78	0.75	0.74	0.72	0.74	0.72	0.71	0.70	0.62	0.63	0.65	0.66	0.66	0.67	0.67
110	1.01	1.00	1.00	0.99	0.98	0.95	0.95	0.94	0.93	0.93	0.92	0.90	0.82	0.82	0.84	0.85	0.86	0.86	0.86
115	1.23	1.21	1.21	1.20	1.19	1.17	1.16	1.15	1.14	1.12	1.12	1.11	1.03	1.05	1.04	1.05	1.06	1.07	1.08
120	1.45	1.43	1.42	1.41	1.39	1.38	1.37	1.36	1.34	1.33	1.33	1.33	1.25	1.26	1.25	1.26	1.27	1.28	1.29
125	1.65	1.63	1.62	1.60	1.59	1.58	1.58	1.55	1.54	1.54	1.53	1.54	1.45	1.45	1.46	1.45	1.50	1.51	1.53
130	1.83	1.81	1.80	1.78	1.77	1.76	1.77	1.74	1.72	1.71	1.70	1.72	1.65	1.65	1.63	1.64	1.68	1.71	1.73
135	2.01	1.99	1.98	1.96	1.96	1.94	1.95	1.91	1.90	1.89	1.89	1.90	1.80	1.81	1.81	1.82	1.82	1.91	1.95
140	2.18	2.16	2.16	2.14	2.14	2.12	2.13	2.09	2.08	2.07	2.08	2.07	1.98	1.99	1.98	1.98	1.99	2.00	2.11
145	2.36	2.34	2.33	2.32	2.30	2.29	2.30	2.26	2.26	2.26	2.26	2.25	2.15	2.16	2.16	2.17	2.17	2.18	2.21
150	2.50	2.49	2.50	2.50	2.47	2.45	2.45	2.43	2.43	2.44	2.43	2.42	2.32	2.33	2.33	2.36	2.38	2.34	2.40
155	2.76	2.63	2.65	2.63	2.63	2.62	2.62	2.59	2.58	2.58	2.59	2.58	2.52	2.54	2.50	2.56	2.56	2.52	2.57
160	2.79	2.77	2.82	2.78	2.76	2.76	2.75	2.73	2.71	2.72	2.74	2.72	2.66	2.68	2.66	2.67	2.67	2.68	2.69
165	2.90	2.88	2.88	2.88	2.89	2.88	2.88	2.86	2.84	2.84	2.86	2.85	2.79	2.80	2.79	2.80	2.82	2.84	2.85
170	3.00	2.98	2.98	3.00	3.02	3.00	2.99	2.97	2.96	2.96	2.96	2.96	2.92	2.92	2.93	2.93	2.94	2.93	2.96
175	3.07	3.06	3.08	3.07	3.08	3.07	3.07	3.04	3.03	3.07	3.06	3.06	3.01	3.02	3.03	3.04	3.02	3.03	3.03
180	3.10	3.10	3.11	3.11	3.09	3.09	3.08	3.09	3.09	3.12	3.12	3.10	3.10	3.08	3.09	3.12	3.11	3.08	3.09

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=1.0688]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.21V I:0.1467A P:14.348W PF:0.8133 Freq:59.98Hz Lamp Flux:1072.49x1 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	403	403	403	403	403														
5	401	400	400	400	400														
10	393	393	392	393	393														
15	381	381	381	381	381														
20	366	365	365	366	365														
25	347	347	346	346	346														
30	324	325	324	324	323														
35	300	301	299	300	298														
40	274	275	273	274	271														
45	244	247	245	246	241														
50	211	216	216	214	207														
55	175	182	183	181	171														
60	137	144	147	143	132														
65	95.2	103	106	102	91.3														
70	55.0	61.0	62.4	60.0	51.1														
75	22.6	25.4	25.6	23.9	19.3														
80	10.3	10.2	9.51	9.59	9.22														
85	3.91	3.78	3.50	3.79	3.59														
90	0.20	0.21	0.23	0.22	0.23														
95	0.33	0.34	0.36	0.36	0.37														
100	0.49	0.51	0.53	0.54	0.53														
105	0.68	0.70	0.71	0.72	0.72														
110	0.88	0.90	0.92	0.92	0.93														
115	1.10	1.11	1.12	1.12	1.14														
120	1.32	1.36	1.33	1.33	1.35														
125	1.54	1.58	1.53	1.54	1.55														
130	1.73	1.79	1.71	1.71	1.72														
135	1.99	2.00	1.89	1.89	1.93														
140	2.06	2.06	2.07	2.06	2.07														
145	2.23	2.22	2.23	2.24	2.24														
150	2.39	2.43	2.55	2.41	2.41														
155	2.55	2.62	2.71	2.58	2.72														
160	2.71	2.71	2.72	2.72	2.73														
165	2.86	2.87	2.86	2.85	2.86														
170	2.97	2.99	2.99	2.96	2.96														
175	3.04	3.06	3.08	3.07	3.07														
180	3.09	3.10	3.12	3.11	3.10														

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=1.0688]
 Remarks: