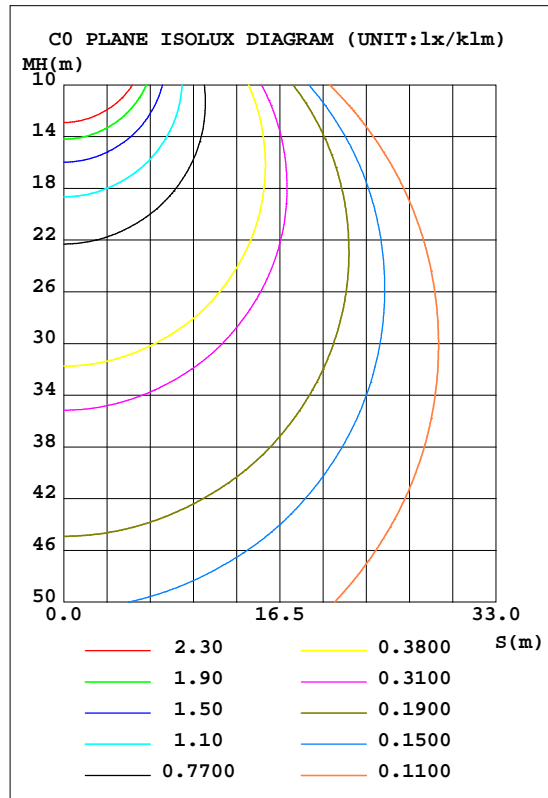
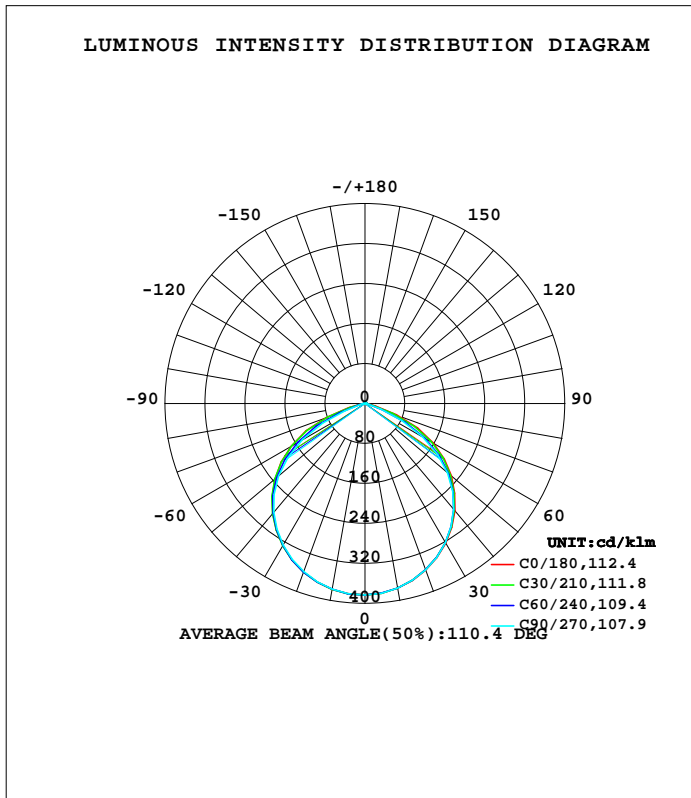


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.09V I:0.1496A P:14.624W PF:0.8142 Freq:59.98Hz Lamp Flux:1028.64x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 70.34 lm/W			
MODEL: LRKR-6D15AC-WH(5000K)		I _{max} (cd/klm)	383.3	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)	1028.64	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=1.0313]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

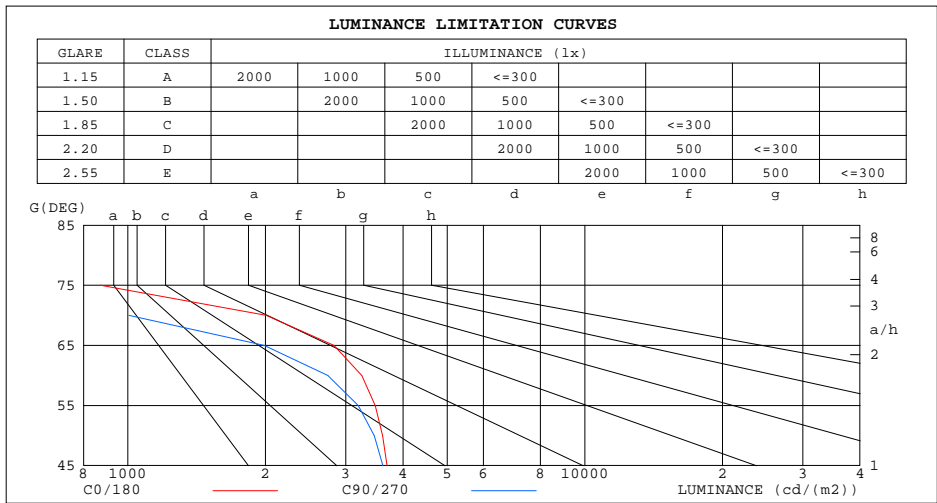
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	375.3	375.5	375.2	376.5	378.1	377.7	377.3	376.1	0- 10	36.25	36.25	3.63,3.63
20	355.5	354.3	354.3	356.6	359.1	359.1	358.2	356.9	10- 20	103.9	140.1	14,14
30	323.1	322.2	321.8	325.2	328.4	328.9	327.5	325.3	20- 30	157.8	298.0	29.8,29.8
40	279.9	278.3	276.3	282.5	287.5	286.7	283.8	281.5	30- 40	190.8	488.7	48.9,48.9
50	225.8	222.7	216.2	227.4	235.6	232.1	225.9	225.0	40- 50	197.1	685.8	68.6,68.6
60	158.0	148.6	133.2	153.9	170.4	161.8	144.6	149.9	50- 60	170.7	856.5	85.7,85.7
70	66.82	49.63	33.42	56.47	83.08	66.91	43.28	52.98	60- 70	104.3	960.8	96.1,96.1
80	6.867	6.008	5.665	6.777	8.579	7.304	6.489	6.344	70- 80	26.57	987.3	98.7,98.7
90	0.4080	0.4242	0.3489	0.2656	0.4607	0.2500	0.1868	0.2242	80- 90	3.300	990.6	99.1,99.1
100	0.7449	0.6946	0.6606	0.5776	0.6013	0.5495	0.5543	0.5212	90-100	0.5115	991.1	99.1,99.1
110	1.164	1.095	1.084	0.9967	1.011	0.9130	0.9315	0.9215	100-110	0.8710	992.0	99.2,99.2
120	1.593	1.510	1.512	1.439	1.417	1.337	1.355	1.373	110-120	1.229	993.2	99.3,99.3
130	2.049	1.892	1.904	1.816	1.789	1.705	1.746	1.741	120-130	1.477	994.7	99.5,99.5
140	2.305	2.158	2.239	2.105	2.129	1.975	2.100	2.053	130-140	1.546	996.3	99.6,99.6
150	2.659	2.493	2.481	2.449	2.371	2.357	2.384	2.467	140-150	1.435	997.7	99.8,99.8
160	2.818	2.810	2.760	2.710	2.697	2.693	2.682	2.700	150-160	1.199	998.9	99.9,99.9
170	2.977	2.978	2.970	2.957	2.916	2.912	2.910	2.947	160-170	0.8075	999.7	100,100
180	3.093	3.103	3.077	3.101	3.084	3.108	3.086	3.105	170-180	0.2870	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=1.0313]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.09V I:0.1496A P:14.624W PF:0.8142 Freq:59.98Hz Lamp Flux:1028.64x1 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	344	159
80	407	336
75	870	409
70	2009	1005
65	2827	1988
60	3249	2742
55	3481	3193
50	3612	3461
45	3693	3615

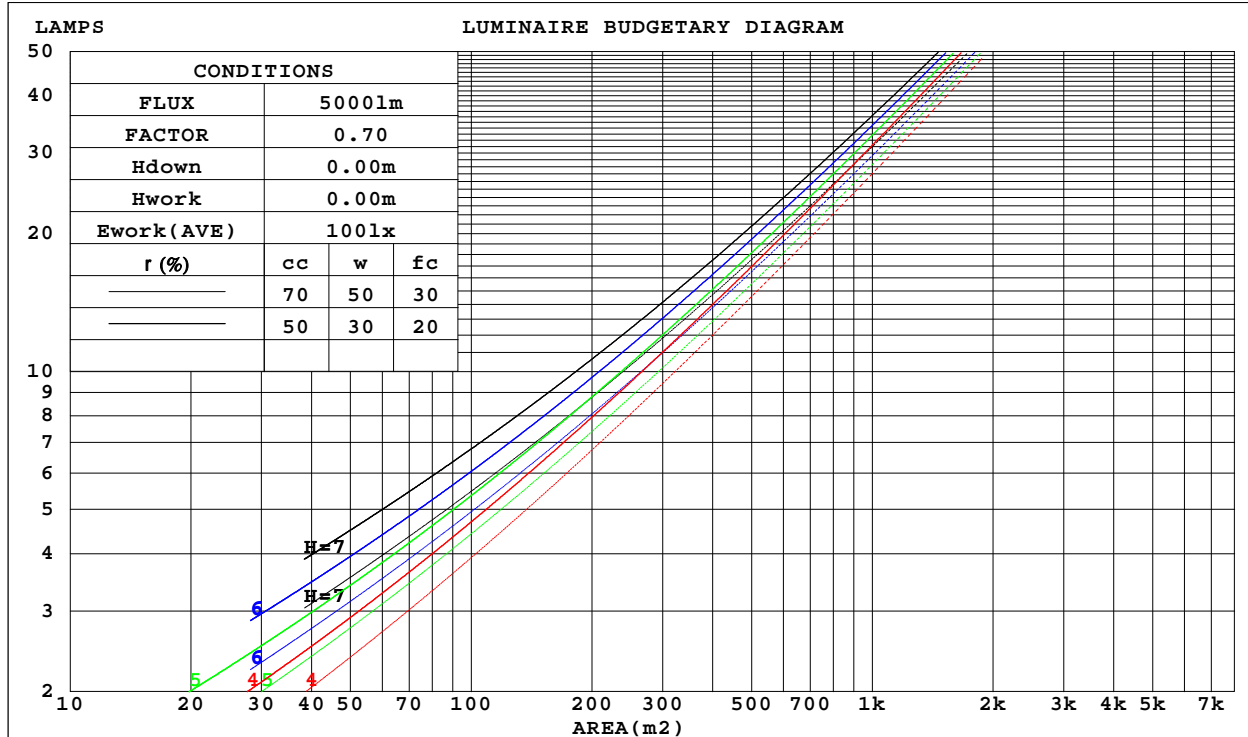
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-02-28

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=1.0313]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.09V I:0.1496A P:14.624W PF:0.8142 Freq:59.98Hz Lamp Flux:1028.64x1 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=1.0313]
 Remarks:

WEC AND CCEC

Test:U:120.09V I:0.1496A P:14.624W PF:0.8142 Freq:59.98Hz Lamp Flux:1028.64x1 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	.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=1.0313]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.09V I:0.1496A P:14.624W PF:0.8142 Freq:59.98Hz Lamp Flux:1028.64x1 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	17.5	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=1.0313]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.09V I:0.1496A P:14.624W PF:0.8142 Freq:59.98Hz Lamp Flux:1028.64x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

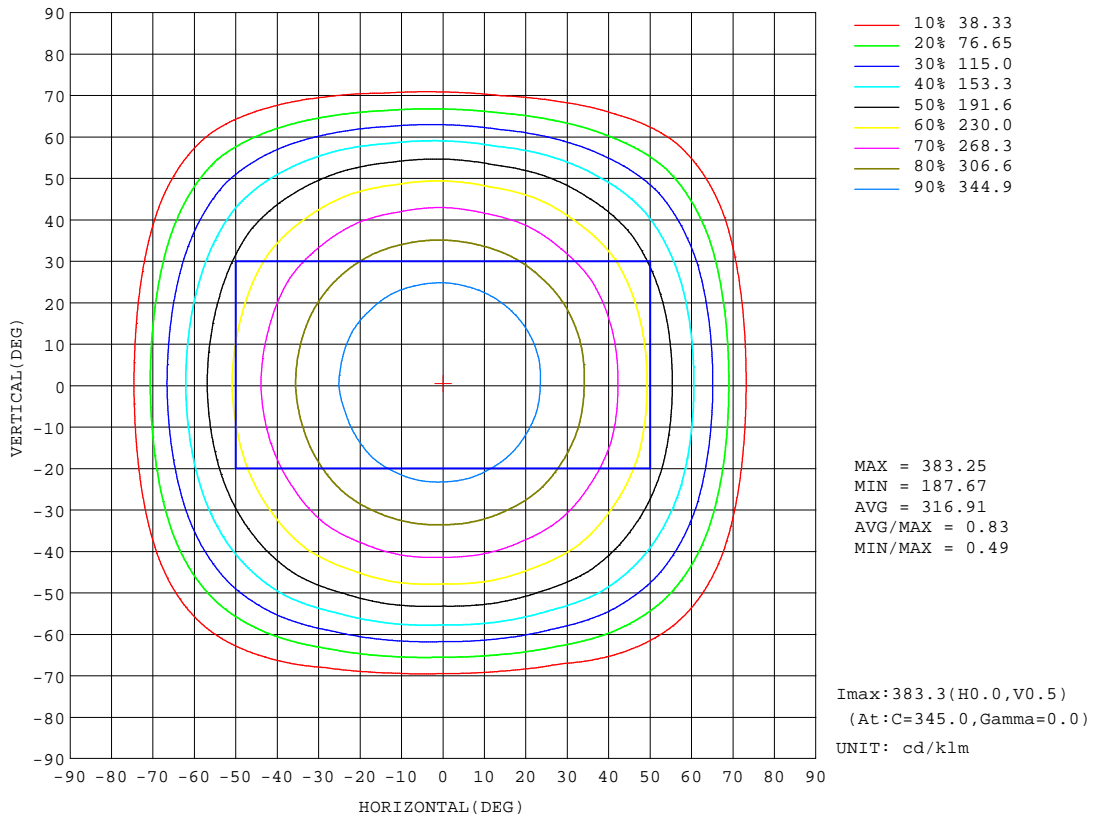
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	59	48	41	59	48	41	57	47	41	35
0.80	70	59	52	69	58	52	67	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=1.0313]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.09V I:0.1496A P:14.624W PF:0.8142 Freq:59.98Hz Lamp Flux:1028.64x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



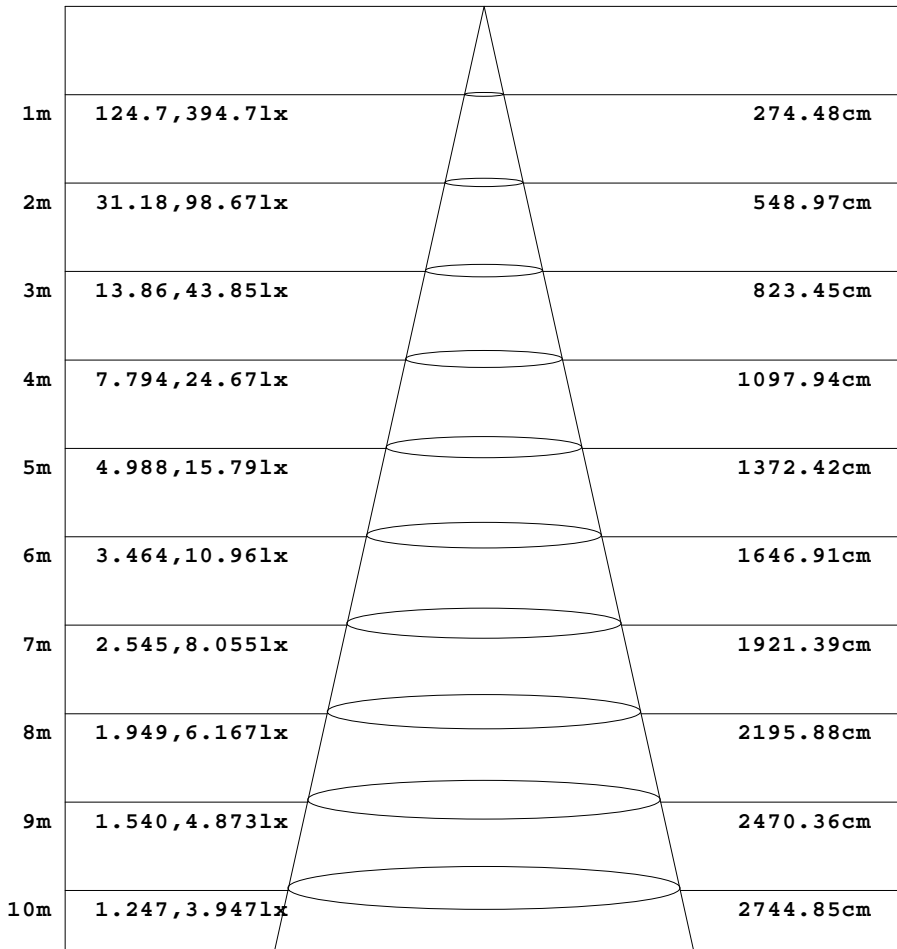
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-02-28

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=1.0313]
 Remarks:

AAI Figure

Test:U:120.09V I:0.1496A P:14.624W PF:0.8142 Freq:59.98Hz Lamp Flux:1028.64x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

Flux out:799.1 lm



Height Eavg, Emax Angle:107.84deg Diameter

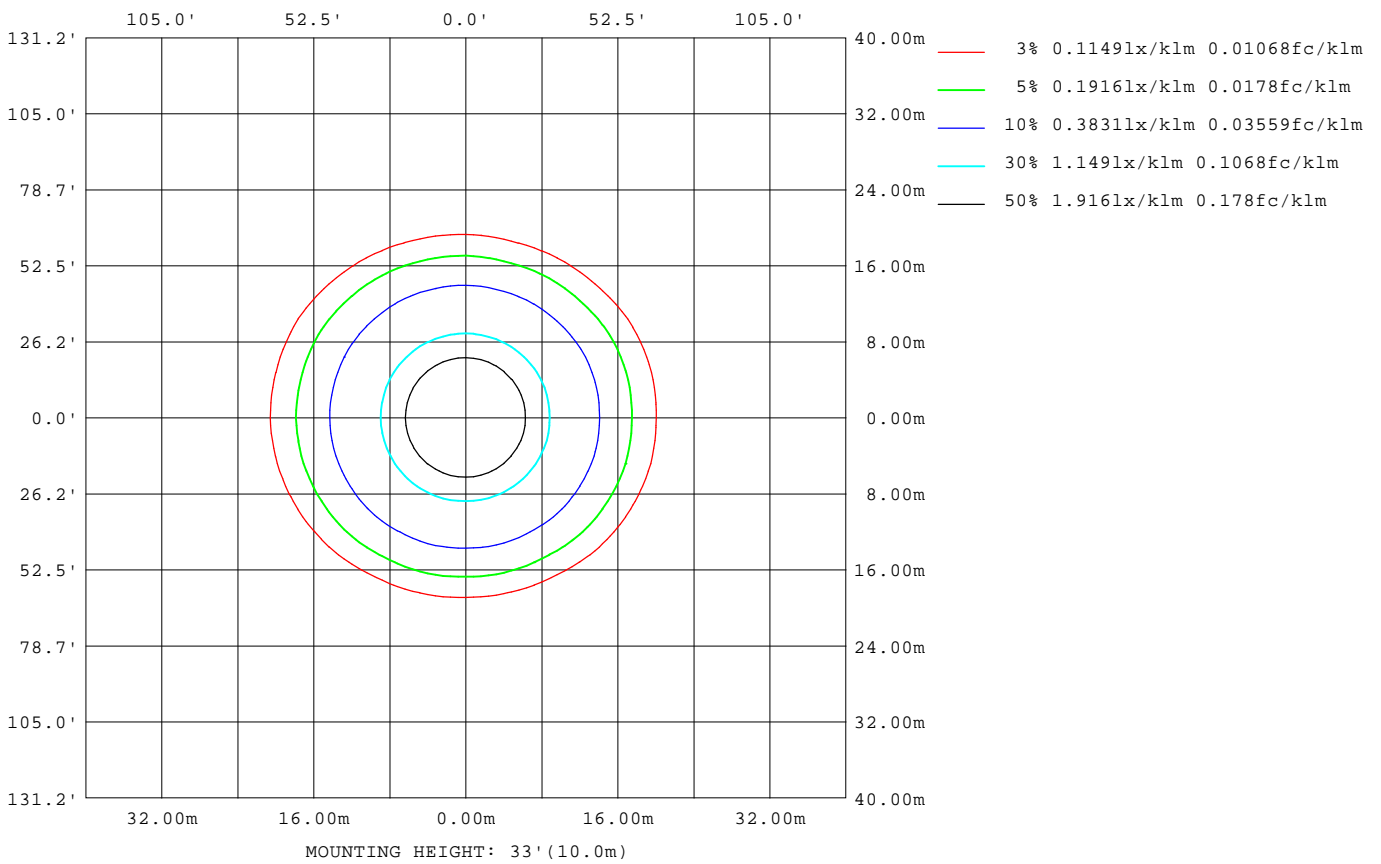
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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=1.0313]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.09V I:0.1496A P:14.624W PF:0.8142 Freq:59.98Hz Lamp Flux:1028.64x1 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=1.0313]
 Remarks:

LED Avg.L Report

Test:U:120.09V I:0.1496A P:14.624W PF:0.8142 Freq:59.98Hz Lamp Flux:1028.64x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

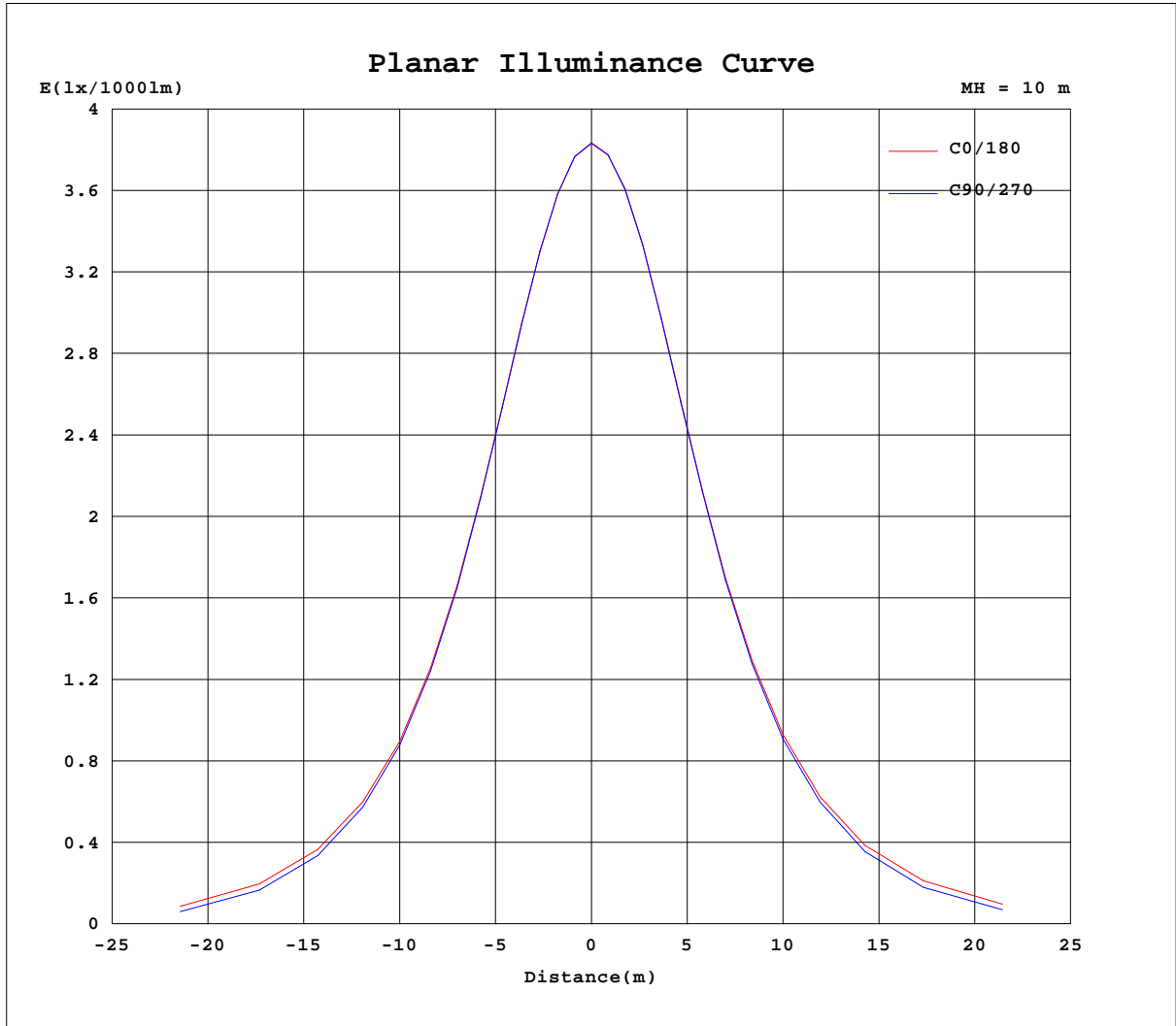
AvgL	cd/m2
L_0~180(65)av	2997
L_0~180(75)av	1116
L_0~180(85)av	424
L_90~270(65)av	2135
L_90~270(75)av	456
L_90~270(85)av	205
L_45(65)av	2613
L_45(75)av	676
L_45(85)av	281

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=1.0313]
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=1.0313]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.09V I:0.1496A P:14.624W PF:0.8142 Freq:59.98Hz Lamp Flux:1028.64x1 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	381	382	382	382	382	382	383	382	382
10	375	375	375	376	375	375	375	376	376	376	376	377	378	378	378	378	377	377	377
15	366	367	366	367	366	366	366	367	367	368	368	369	370	370	370	370	370	369	369
20	355	355	354	354	354	354	354	355	356	357	357	358	359	359	359	359	359	359	358
25	340	340	340	339	339	339	340	340	341	342	343	343	345	345	346	345	346	345	344
30	323	323	322	322	321	322	322	323	324	325	326	327	328	329	330	329	329	327	327
35	303	303	302	302	300	300	301	302	303	305	306	307	309	309	310	309	309	308	307
40	280	281	278	278	277	277	276	278	279	282	282	285	288	287	288	287	286	284	284
45	254	255	252	253	249	250	248	252	252	257	257	260	263	262	264	261	261	257	257
50	226	227	223	223	218	218	216	220	222	227	228	232	236	235	236	232	231	226	226
55	194	195	191	189	182	180	178	182	186	194	197	201	205	204	205	200	196	190	189
60	158	159	154	149	138	135	133	138	142	154	160	166	170	169	169	162	156	147	145
65	116	116	110	101	88.7	83.3	81.7	86.7	93.7	107	118	125	130	130	128	118	107	97.8	93.7
70	66.8	66.3	59.5	49.6	38.0	34.1	33.4	37.6	43.2	56.5	68.7	77.6	83.1	82.7	79.6	66.9	54.9	45.8	43.3
75	21.9	21.3	17.9	13.7	10.7	10.2	10.3	11.0	12.0	16.8	24.5	30.6	34.3	33.4	31.0	22.2	16.2	13.1	12.6
80	6.87	6.77	6.37	6.01	5.69	5.69	5.66	5.98	6.26	6.78	7.30	8.01	8.58	8.38	8.19	7.30	6.96	6.64	6.49
85	2.91	2.74	2.16	1.80	1.43	1.41	1.35	1.58	1.79	2.48	3.04	3.75	4.28	4.13	3.78	3.17	2.78	2.32	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	0.19
95	0.55	0.62	0.64	0.54	0.62	0.56	0.49	0.44	0.40	0.41	0.42	0.46	0.43	0.49	0.50	0.40	0.46	0.45	0.39
100	0.74	0.79	0.81	0.69	0.77	0.73	0.66	0.61	0.58	0.58	0.60	0.63	0.60	0.64	0.65	0.55	0.61	0.59	0.55
105	0.95	0.99	1.01	0.89	0.96	0.91	0.87	0.81	0.79	0.78	0.81	0.83	0.80	0.82	0.82	0.73	0.78	0.75	0.73
110	1.16	1.19	1.21	1.10	1.16	1.11	1.08	1.03	1.00	1.00	1.02	1.04	1.01	1.02	1.01	0.91	0.98	0.96	0.93
115	1.38	1.41	1.43	1.31	1.38	1.33	1.29	1.24	1.21	1.22	1.24	1.27	1.22	1.22	1.22	1.13	1.19	1.17	1.14
120	1.59	1.61	1.62	1.51	1.58	1.53	1.51	1.47	1.44	1.44	1.45	1.48	1.42	1.42	1.41	1.34	1.39	1.38	1.36
125	1.82	1.81	1.82	1.71	1.77	1.73	1.70	1.65	1.64	1.62	1.64	1.66	1.61	1.60	1.59	1.52	1.58	1.57	1.56
130	2.05	1.99	2.00	1.89	1.96	1.92	1.90	1.85	1.83	1.82	1.83	1.85	1.79	1.79	1.77	1.71	1.76	1.75	1.75
135	2.22	2.20	2.16	2.05	2.07	2.09	2.08	2.03	1.99	1.96	1.99	2.03	1.96	1.96	1.94	1.87	1.92	1.92	1.92
140	2.31	2.31	2.31	2.16	2.18	2.26	2.24	2.19	2.14	2.10	2.16	2.19	2.13	2.11	2.10	1.98	2.09	2.07	2.10
145	2.43	2.41	2.34	2.33	2.38	2.36	2.35	2.31	2.32	2.28	2.30	2.34	2.27	2.24	2.17	2.17	2.21	2.24	2.22
150	2.66	2.50	2.48	2.49	2.48	2.48	2.48	2.45	2.44	2.45	2.45	2.45	2.37	2.36	2.34	2.36	2.33	2.32	2.38
155	2.79	2.64	2.76	2.74	2.64	2.63	2.62	2.60	2.62	2.59	2.62	2.62	2.53	2.51	2.50	2.52	2.57	2.52	2.55
160	2.82	2.76	2.81	2.81	2.81	2.80	2.76	2.82	2.77	2.71	2.76	2.80	2.70	2.66	2.67	2.69	2.78	2.68	2.68
165	2.93	2.87	2.91	2.94	2.93	2.90	2.92	2.89	2.88	2.83	2.86	2.87	2.84	2.80	2.81	2.86	2.82	2.81	2.85
170	2.98	2.96	2.97	2.98	2.98	2.97	2.97	2.94	2.94	2.96	2.96	2.95	2.92	2.93	2.91	2.91	2.90	2.90	2.91
175	3.06	3.04	3.05	3.07	3.07	3.05	3.04	3.02	3.04	3.05	3.05	3.04	3.00	3.01	3.02	3.02	3.01	3.00	3.00
180	3.09	3.09	3.08	3.10	3.10	3.08	3.08	3.07	3.10	3.10	3.10	3.08	3.08	3.07	3.09	3.11	3.10	3.08	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=1.0313]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.09V I:0.1496A P:14.624W PF:0.8142 Freq:59.98Hz Lamp Flux:1028.64x1 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	381	381	381	382	381														
10	376	377	376	377	376														
15	369	369	368	368	368														
20	358	357	357	357	356														
25	343	343	343	342	342														
30	326	326	325	326	325														
35	306	306	305	305	305														
40	282	283	281	283	282														
45	254	257	255	258	256														
50	223	226	225	229	227														
55	186	189	191	196	196														
60	141	146	150	159	160														
65	91.3	96.2	103	114	118														
70	41.4	45.6	53.0	65.0	69.6														
75	11.9	12.8	15.3	22.1	24.3														
80	6.29	6.38	6.34	6.73	6.96														
85	1.88	1.96	2.08	2.52	2.88														
90	0.20	0.20	0.22	0.24	0.31														
95	0.35	0.33	0.35	0.38	0.44														
100	0.51	0.50	0.52	0.55	0.61														
105	0.71	0.69	0.72	0.75	0.81														
110	0.91	0.89	0.92	0.96	1.01														
115	1.13	1.12	1.14	1.18	1.23														
120	1.35	1.34	1.37	1.39	1.49														
125	1.57	1.56	1.57	1.63	1.69														
130	1.77	1.78	1.74	1.82	1.89														
135	1.95	1.96	1.89	1.93	2.02														
140	2.08	2.07	2.05	2.09	2.15														
145	2.25	2.23	2.21	2.22	2.29														
150	2.42	2.36	2.47	2.38	2.43														
155	2.60	2.55	2.60	2.57	2.62														
160	2.77	2.73	2.70	2.73	2.77														
165	2.87	2.86	2.82	2.84	2.88														
170	2.94	2.94	2.95	2.94	2.95														
175	3.02	3.03	3.04	3.05	3.04														
180	3.09	3.10	3.11	3.11	3.08														

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=1.0313]
 Remarks: