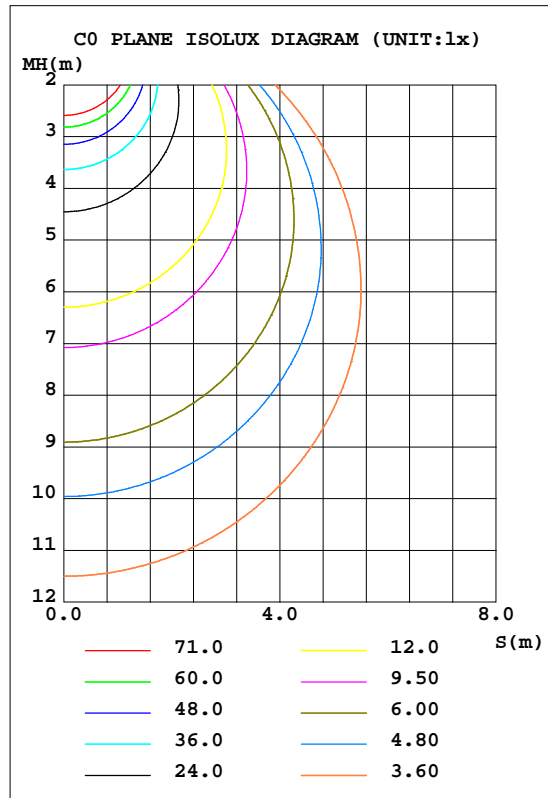
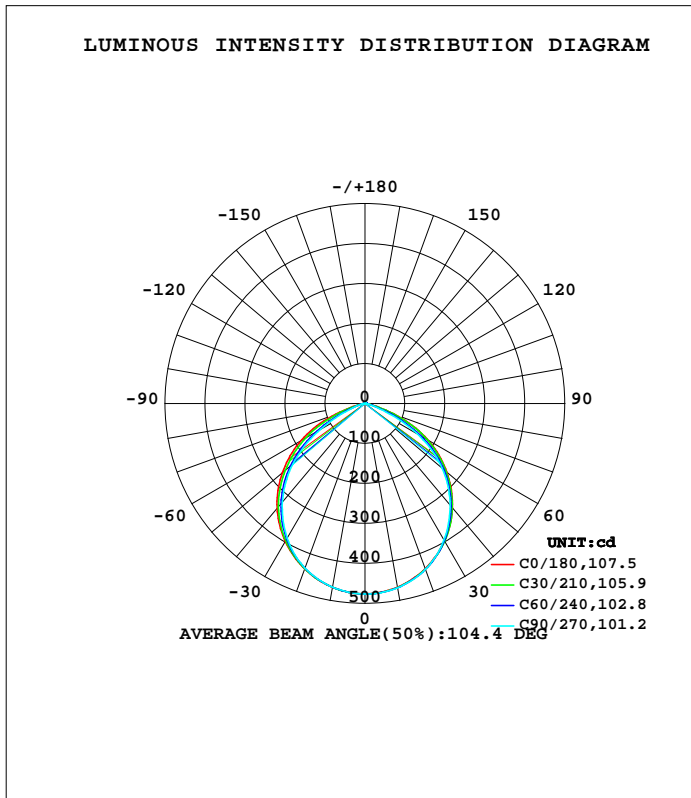


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.17V I:0.1176A P:13.506W PF:0.9556 Freq:59.98Hz Lamp Flux:1161x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 85.96 lm/W			
MODEL	ASD-LRKR-6D15CC-WH	I _{max} (cd)	476.9	S/MH(C0/180)	1.24
NOMINAL POWER(W)	15W	LOR(%)	100.0	S/MH(C90/270)	1.22
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1161.0	h UP, DN(C0-180)	0.5,50.3
NOMINAL FLUX(lm)	1161	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.5,48.7
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:2021-04-05

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=1.1125]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

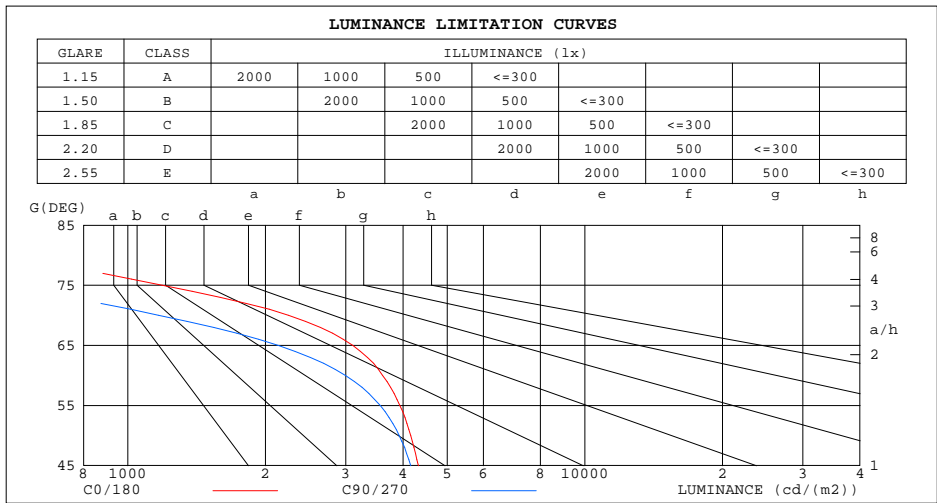
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	466.7	467.9	468.1	468.2	467.1	466.7	466.5	466.9	0- 10	45.05	45.05	3.88,3.88
20	439.8	441.9	441.8	442.1	440.8	439.2	438.6	439.4	10- 20	128.7	173.7	15,15
30	397.4	398.5	395.2	398.2	398.5	393.8	389.1	393.9	20- 30	193.6	367.3	31.6,31.6
40	340.4	339.2	331.6	338.7	342.1	330.8	321.6	330.8	30- 40	229.3	596.6	51.4,51.4
50	267.6	263.8	252.4	262.8	269.8	251.0	235.4	250.9	40- 50	229.0	825.6	71.1,71.1
60	180.6	172.9	149.7	170.7	183.7	154.2	127.4	153.6	50- 60	188.0	1014	87.3,87.3
70	76.85	64.13	39.95	58.43	78.31	49.35	32.43	47.77	60- 70	106.3	1120	96.5,96.5
80	9.966	8.374	6.701	7.845	9.699	7.507	6.410	7.491	70- 80	26.58	1147	98.8,98.8
90	0.4449	0.5574	0.3083	0.3789	0.4518	0.5474	0.3230	0.3359	80- 90	3.525	1150	99.1,99.1
100	0.8412	1.115	0.6351	0.6525	0.8142	0.9529	0.6025	0.6129	90-100	0.6122	1151	99.1,99.1
110	1.320	1.489	1.075	1.115	1.249	1.321	1.037	1.075	100-110	1.031	1152	99.2,99.2
120	1.828	1.801	1.594	1.611	1.723	1.717	1.550	1.538	110-120	1.418	1153	99.3,99.3
130	2.290	2.069	2.017	2.052	2.169	1.973	2.024	2.001	120-130	1.687	1155	99.5,99.5
140	2.586	2.498	2.469	2.453	2.453	2.409	2.403	2.425	130-140	1.761	1157	99.6,99.6
150	2.988	2.921	2.904	2.899	2.855	2.848	2.849	2.871	140-150	1.683	1158	99.8,99.8
160	3.383	3.367	3.300	3.273	3.278	3.305	3.273	3.272	150-160	1.426	1160	99.9,99.9
170	3.623	3.612	3.606	3.601	3.562	3.579	3.590	3.601	160-170	0.9755	1161	100,100
180	3.785	3.802	3.785	3.807	3.779	3.813	3.779	3.819	170-180	0.3512	1161	100,100
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-04-05

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=1.1125]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.17V I:0.1176A P:13.506W PF:0.9556 Freq:59.98Hz Lamp Flux:1161x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	476	144
80	574	386
75	1188	552
70	2247	1168
65	3106	2133
60	3613	2995
55	3939	3567
50	4163	3927
45	4324	4161

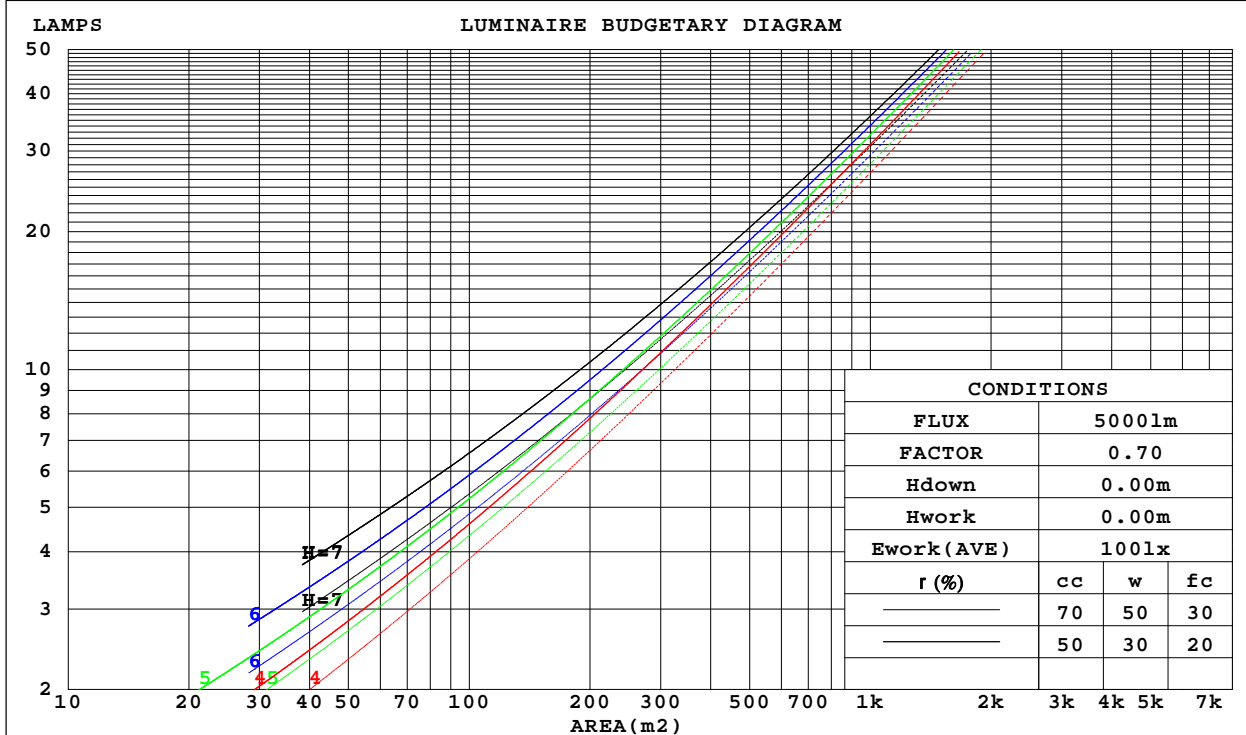
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-04-05

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=1.1125]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.17V I:0.1176A P:13.506W PF:0.9556 Freq:59.98Hz Lamp Flux:1161x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG 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	1.03	.99	1.04	1.01	.98	.90	.97	.94	.96	.93	.91	.92	.90	.89	.86
2.0	.94	.88	.83	.92	.87	.82	.89	.84	.80	.85	.81	.78	.82	.79	.76	.74
3.0	.84	.76	.70	.82	.75	.70	.79	.73	.68	.76	.71	.67	.73	.69	.66	.64
4.0	.75	.66	.60	.73	.66	.60	.71	.64	.59	.68	.63	.58	.66	.61	.57	.55
5.0	.67	.59	.52	.66	.58	.52	.64	.57	.51	.62	.56	.51	.60	.54	.50	.48
6.0	.60	.52	.46	.59	.52	.46	.58	.51	.45	.56	.50	.45	.54	.49	.44	.42
7.0	.55	.47	.41	.54	.46	.41	.53	.45	.40	.51	.45	.40	.50	.44	.40	.38
8.0	.50	.42	.36	.49	.42	.36	.48	.41	.36	.47	.40	.36	.46	.40	.36	.34
9.0	.46	.38	.33	.46	.38	.33	.44	.37	.33	.43	.37	.32	.42	.36	.32	.30
10.0	.43	.35	.30	.42	.35	.30	.41	.34	.30	.40	.34	.29	.39	.33	.29	.28



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-04-05

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=1.1125]
 Remarks:

WEC AND CCEC

Test:U:120.17V I:0.1176A P:13.506W PF:0.9556 Freq:59.98Hz Lamp Flux:1161x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG 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
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.261	.148	.047	.253	.145	.046	.240	.138	.044	.227	.131	.042	.216	.125	.040	
2.0	.255	.140	.043	.248	.137	.042	.237	.132	.041	.226	.127	.040	.216	.122	.038	
3.0	.242	.129	.039	.236	.127	.038	.226	.122	.037	.216	.118	.036	.207	.115	.036	
4.0	.228	.118	.035	.223	.116	.034	.213	.113	.034	.205	.110	.033	.197	.107	.033	
5.0	.213	.109	.031	.209	.107	.031	.201	.105	.031	.193	.102	.030	.186	.099	.030	
6.0	.200	.100	.029	.196	.099	.029	.189	.097	.028	.182	.094	.028	.175	.092	.027	
7.0	.188	.093	.026	.184	.092	.026	.178	.090	.026	.171	.088	.026	.166	.086	.025	
8.0	.177	.086	.024	.173	.085	.024	.168	.084	.024	.162	.082	.024	.157	.080	.023	
9.0	.166	.081	.022	.164	.080	.022	.158	.078	.022	.153	.077	.022	.148	.075	.022	
10.0	.157	.075	.021	.155	.075	.021	.150	.073	.021	.145	.072	.020	.141	.071	.020	

rcc	80%			70%			50%			30%			10%			0
rw	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																
1.0	.184	.164	.145	.158	.141	.125	.108	.097	.087	.062	.056	.050	.020	.018	.016	
2.0	.175	.139	.110	.150	.120	.095	.102	.083	.066	.059	.048	.039	.019	.016	.013	
3.0	.166	.121	.086	.143	.105	.074	.098	.073	.052	.057	.043	.031	.018	.014	.010	
4.0	.159	.108	.069	.136	.093	.060	.094	.065	.042	.054	.038	.025	.017	.012	.008	
5.0	.152	.097	.057	.130	.084	.050	.090	.059	.035	.052	.035	.021	.017	.011	.007	
6.0	.145	.089	.049	.125	.077	.042	.086	.054	.030	.050	.032	.018	.016	.010	.006	
7.0	.139	.082	.042	.119	.071	.037	.082	.050	.026	.048	.029	.015	.015	.010	.005	
8.0	.133	.076	.037	.114	.066	.033	.079	.046	.023	.046	.027	.014	.015	.009	.005	
9.0	.127	.071	.034	.109	.062	.029	.076	.043	.021	.044	.026	.012	.014	.008	.004	
10.0	.122	.067	.031	.105	.058	.027	.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:2021-04-05

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=1.1125]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.17V I:0.1176A P:13.506W PF:0.9556 Freq:59.98Hz Lamp Flux:1161x1 lm										
NAME: LED DOWNLIGHT					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.:		
MFR.: ASD LIGHTNG 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	17.1	18.6	17.5	19.0	19.3	16.3	17.8	16.7	18.1	18.5
3H	18.2	19.6	18.6	19.9	20.3	16.7	18.1	17.1	18.4	18.8
4H	18.3	19.6	18.8	20.0	20.4	16.7	18.0	17.1	18.3	18.7
6H	18.3	19.5	18.8	19.9	20.3	16.7	17.8	17.1	18.2	18.6
8H	18.3	19.4	18.7	19.8	20.2	16.6	17.7	17.1	18.2	18.6
12H	18.3	19.3	18.7	19.7	20.2	16.6	17.7	17.1	18.1	18.5
4H 2H	17.5	18.7	17.9	19.1	19.5	16.7	18.0	17.2	18.4	18.8
3H	18.7	19.7	19.1	20.1	20.5	17.2	18.3	17.6	18.7	19.1
4H	18.8	19.7	19.3	20.2	20.6	17.2	18.1	17.7	18.6	19.0
6H	18.8	19.6	19.3	20.1	20.6	17.2	18.0	17.7	18.5	18.9
8H	18.8	19.6	19.3	20.0	20.5	17.2	17.9	17.6	18.4	18.9
12H	18.8	19.5	19.3	19.9	20.4	17.1	17.8	17.6	18.3	18.8
8H 4H	18.8	19.5	19.3	20.0	20.5	17.2	18.0	17.7	18.4	18.9
6H	18.8	19.4	19.3	19.9	20.4	17.2	17.8	17.7	18.3	18.8
8H	18.8	19.3	19.3	19.8	20.3	17.2	17.7	17.7	18.2	18.7
12H	18.7	19.2	19.3	19.7	20.3	17.1	17.6	17.7	18.1	18.7
12H 4H	18.7	19.4	19.2	19.9	20.4	17.2	17.9	17.7	18.4	18.8
6H	18.7	19.3	19.3	19.8	20.3	17.2	17.7	17.7	18.2	18.8
8H	18.7	19.2	19.3	19.7	20.3	17.1	17.6	17.7	18.1	18.7
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:2021-04-05

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=1.1125]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.17V I:0.1176A P:13.506W PF:0.9556 Freq:59.98Hz Lamp Flux:1161x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

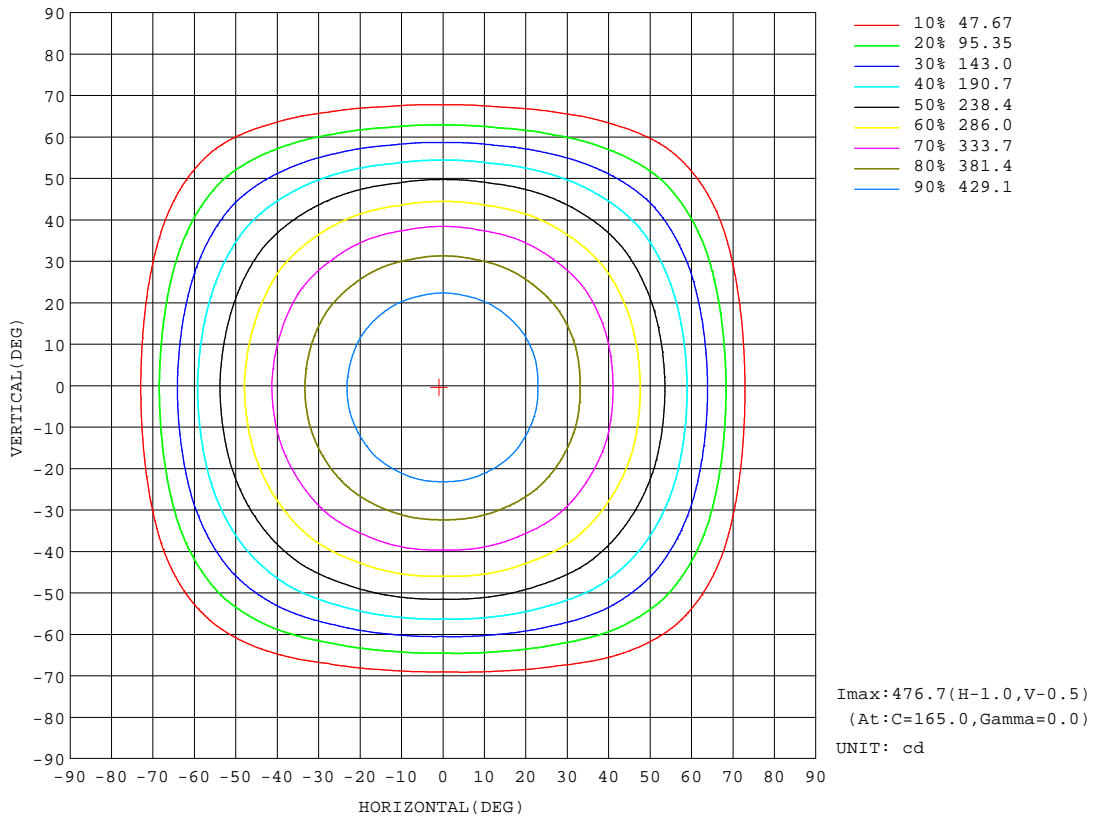
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	61	50	43	60	50	43	59	49	43	37
0.80	71	61	54	70	60	54	69	59	53	47
1.00	80	70	63	79	69	63	77	70	63	56
1.25	87	78	71	86	77	71	83	76	70	63
1.50	92	83	77	90	82	77	87	81	75	68
2.00	98	91	85	97	90	85	93	87	83	76
2.50	102	95	90	100	94	89	96	91	87	79
3.00	105	99	94	103	97	93	99	94	91	83
4.00	108	103	99	106	102	98	102	98	95	87
5.00	110	106	103	108	104	101	103	100	98	89
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: 2021-04-05

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=1.1125]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.17V I:0.1176A P:13.506W PF:0.9556 Freq:59.98Hz Lamp Flux:1161x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

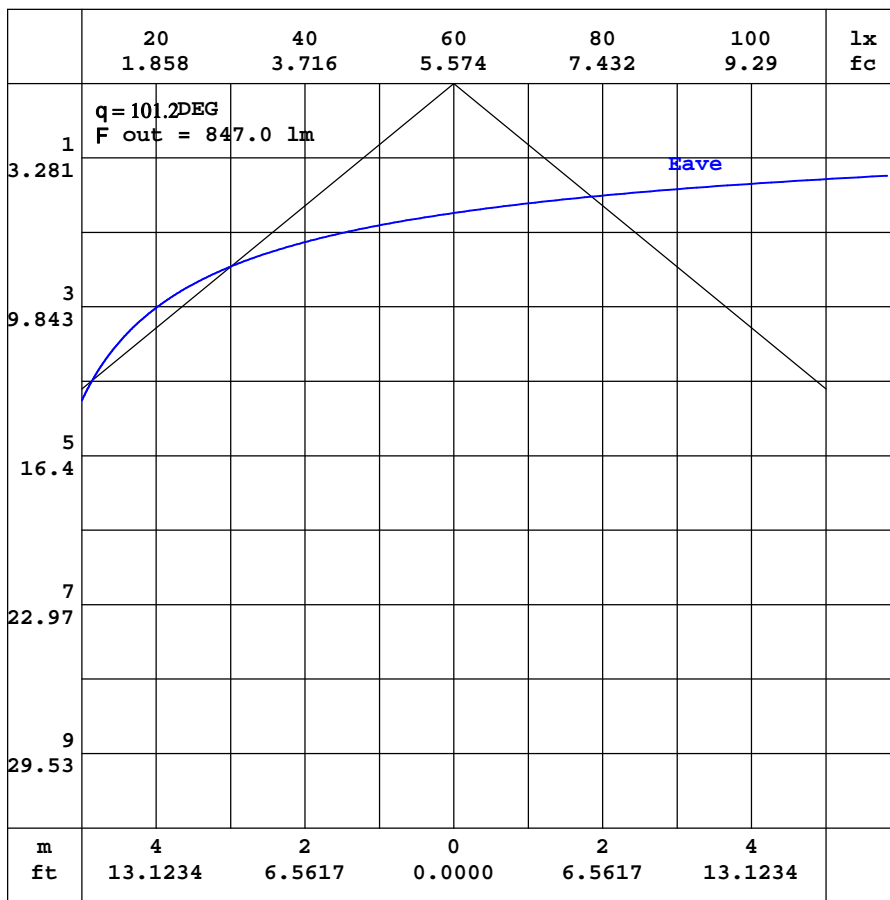


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-04-05

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=1.1125]
 Remarks:

AAI CURVES

Test:U:120.17V I:0.1176A P:13.506W PF:0.9556 Freq:59.98Hz Lamp Flux:1161x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:



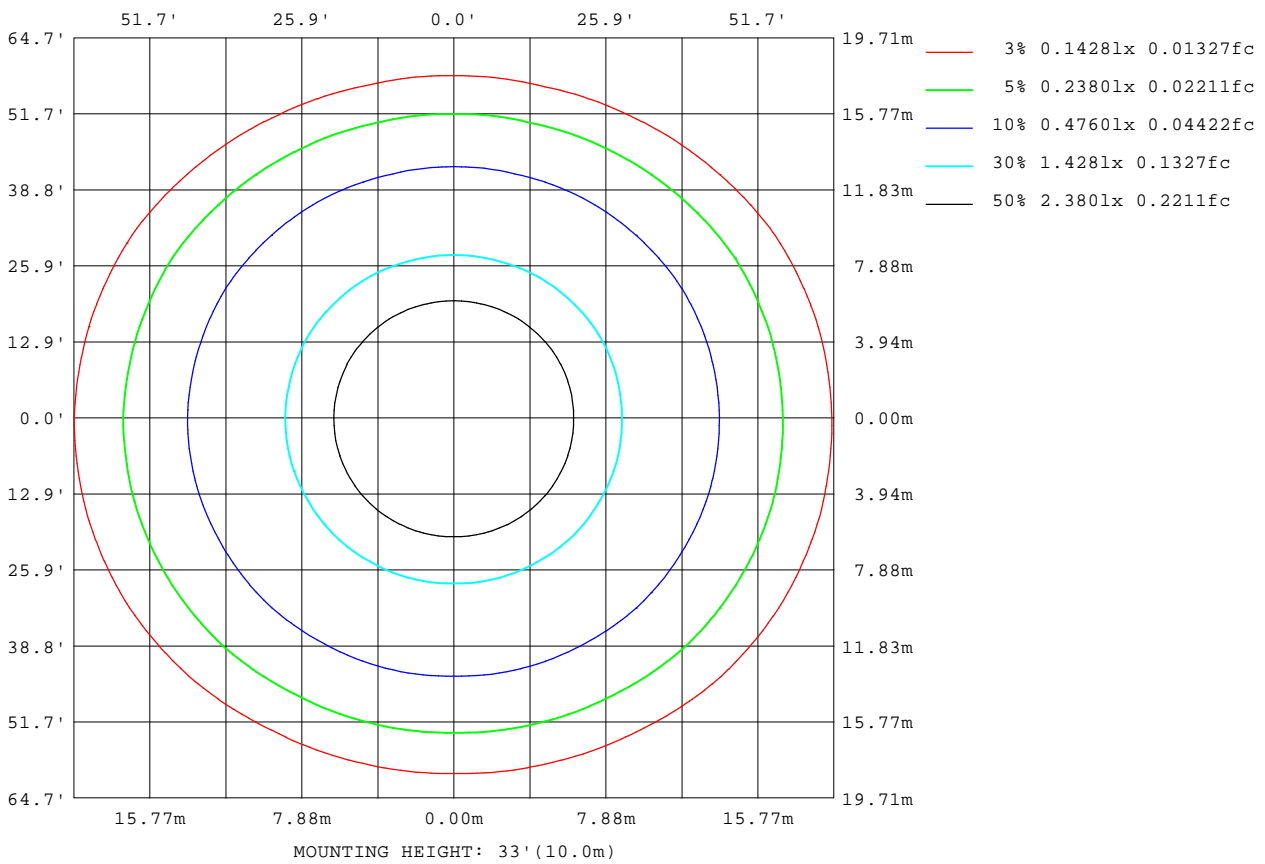
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-04-05

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=1.1125]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.17V I:0.1176A P:13.506W PF:0.9556 Freq:59.98Hz Lamp Flux:1161x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-04-05

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=1.1125]
 Remarks:

LED Avg.L Report

Test:U:120.17V I:0.1176A P:13.506W PF:0.9556 Freq:59.98Hz Lamp Flux:1161x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

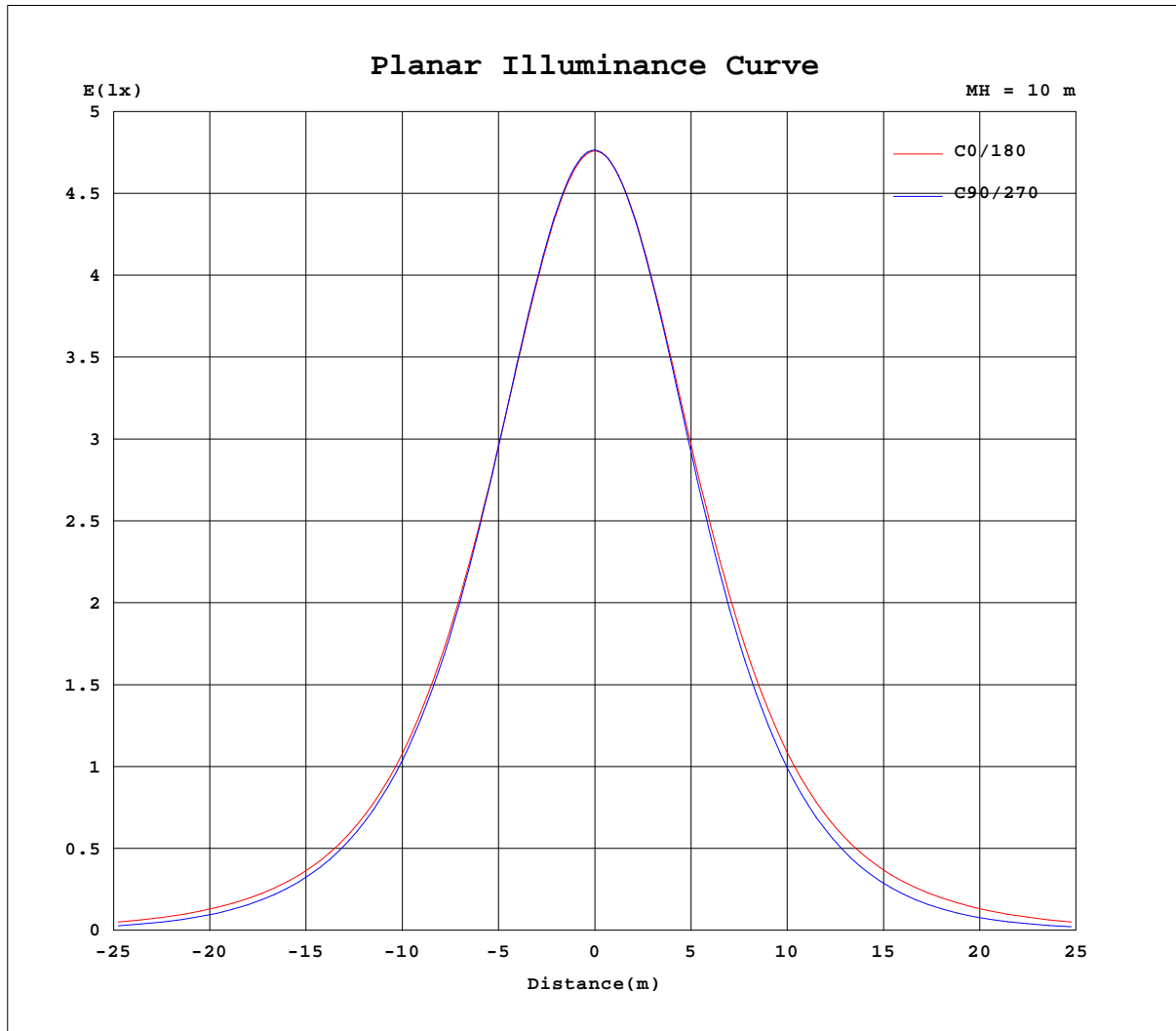
AvgL	cd/m2
L_0~180(65)av	3135
L_0~180(75)av	1189
L_0~180(85)av	464
L_90~270(65)av	1924
L_90~270(75)av	532
L_90~270(85)av	165
L_45(65)av	2556
L_45(75)av	794
L_45(85)av	299

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-04-05

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=1.1125]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-04-05

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=1.1125]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.17V I:0.1176A P:13.506W PF:0.9556 Freq:59.98Hz Lamp Flux:1161x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEG) g (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	476	476	476	476	476	476	477	477	477	477	477	477	476	476	476	476	476	476	477
5	474	474	474	474	475	475	475	475	475	475	475	475	474	474	474	474	474	474	474
10	467	467	467	468	468	468	468	468	468	468	468	468	467	467	467	467	467	466	466
15	455	456	456	457	457	457	457	458	457	457	457	457	456	456	456	455	455	454	455
20	440	441	441	442	442	442	442	442	442	442	441	441	441	440	440	439	439	438	439
25	420	422	422	422	422	422	421	422	422	422	422	422	421	421	420	419	418	416	416
30	397	399	399	399	397	396	395	396	397	398	399	399	399	397	397	394	392	389	389
35	371	372	371	370	368	367	365	366	367	370	371	372	372	371	369	364	361	357	357
40	340	342	340	339	335	334	332	334	334	339	339	342	342	340	338	331	327	322	322
45	306	308	304	303	299	297	294	297	298	302	304	307	308	304	301	293	288	281	281
50	268	269	265	264	258	256	252	255	257	263	265	269	270	265	260	251	244	236	235
55	226	227	223	221	213	208	205	208	211	219	223	227	229	223	217	205	194	185	184
60	181	182	178	173	161	154	150	153	159	171	178	183	184	178	170	154	140	130	127
65	131	133	129	119	104	94.7	90.2	92.8	100.0	115	127	133	134	128	118	99.8	84.4	74.7	72.5
70	76.9	78.7	74.5	64.1	50.4	43.6	40.0	41.6	46.3	58.4	70.3	77.1	78.3	73.6	64.9	49.3	39.0	33.6	32.4
75	30.8	32.1	29.5	24.1	18.3	15.4	14.3	14.7	16.4	20.8	25.7	29.7	30.8	28.5	24.7	18.8	15.6	13.4	13.2
80	9.97	10.2	9.36	8.37	7.52	7.04	6.70	6.83	7.08	7.84	8.64	9.49	9.70	9.28	8.59	7.51	6.96	6.45	6.41
85	4.15	4.08	4.37	2.98	2.06	1.67	1.25	1.44	1.73	2.34	2.96	3.69	3.94	3.69	3.18	2.48	2.08	1.72	1.61
90	0.44	0.55	0.55	0.56	0.46	0.37	0.31	0.27	0.28	0.38	0.47	0.52	0.45	0.55	0.55	0.55	0.41	0.34	0.32
95	0.64	0.72	0.74	0.78	0.61	0.52	0.46	0.42	0.40	0.47	0.56	0.64	0.62	0.72	0.69	0.69	0.54	0.47	0.42
100	0.84	0.97	0.98	1.12	0.81	0.69	0.64	0.60	0.58	0.65	0.75	0.82	0.81	0.95	0.87	0.95	0.70	0.65	0.60
105	1.05	1.18	1.21	1.43	1.00	0.88	0.84	0.81	0.81	0.88	0.98	1.03	1.00	1.33	1.15	1.17	0.91	0.84	0.81
110	1.32	1.37	1.37	1.49	1.23	1.12	1.08	1.05	1.05	1.12	1.20	1.28	1.25	1.49	1.34	1.32	1.16	1.08	1.04
115	1.57	1.60	1.59	1.62	1.46	1.37	1.33	1.29	1.30	1.36	1.45	1.52	1.49	1.61	1.56	1.52	1.40	1.33	1.29
120	1.83	1.82	1.81	1.80	1.71	1.63	1.59	1.55	1.55	1.61	1.69	1.77	1.72	1.79	1.78	1.72	1.64	1.59	1.55
125	2.06	2.05	2.02	1.83	1.94	1.87	1.84	1.81	1.81	1.82	1.92	1.99	1.94	2.02	1.99	1.78	1.87	1.83	1.80
130	2.29	2.27	2.21	2.07	2.17	2.01	2.02	2.01	2.02	2.05	2.09	2.21	2.17	2.17	2.19	1.97	2.08	2.05	2.02
135	2.38	2.35	2.33	2.29	2.39	2.35	2.25	2.26	2.24	2.27	2.29	2.32	2.24	2.24	2.21	2.19	2.29	2.26	2.25
140	2.59	2.56	2.54	2.50	2.54	2.51	2.47	2.49	2.45	2.45	2.51	2.54	2.45	2.44	2.43	2.41	2.38	2.47	2.40
145	2.81	2.87	2.74	2.70	2.69	2.70	2.69	2.67	2.66	2.68	2.72	2.83	2.66	2.76	2.64	2.62	2.61	2.69	2.63
150	2.99	2.95	2.94	2.92	2.91	2.90	2.90	2.88	2.88	2.90	2.92	2.94	2.85	2.86	2.85	2.85	2.82	2.84	2.85
155	3.16	3.13	3.13	3.12	3.11	3.12	3.12	3.12	3.10	3.09	3.11	3.13	3.04	3.05	3.04	3.05	3.04	3.06	3.06
160	3.38	3.30	3.31	3.37	3.37	3.31	3.30	3.29	3.31	3.27	3.31	3.34	3.28	3.24	3.24	3.31	3.29	3.26	3.27
165	3.52	3.46	3.46	3.51	3.52	3.48	3.47	3.45	3.45	3.45	3.46	3.50	3.45	3.42	3.43	3.46	3.45	3.43	3.45
170	3.62	3.60	3.61	3.61	3.62	3.63	3.61	3.59	3.59	3.60	3.62	3.62	3.56	3.59	3.58	3.58	3.56	3.57	3.59
175	3.73	3.72	3.73	3.75	3.74	3.73	3.71	3.70	3.72	3.73	3.75	3.74	3.68	3.70	3.71	3.72	3.70	3.69	3.69
180	3.79	3.78	3.80	3.80	3.80	3.78	3.79	3.78	3.79	3.81	3.80	3.80	3.78	3.78	3.79	3.81	3.80	3.78	3.78

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-04-05

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=1.1125]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.17V I:0.1176A P:13.506W PF:0.9556 Freq:59.98Hz Lamp Flux:1161x1 lm		
NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) g (DEG)	285	300	315	330	345														
0	477	477	477	477	477														
5	474	474	474	474	474														
10	466	467	467	467	468														
15	455	455	455	456	456														
20	438	439	439	440	441														
25	416	418	419	421	421														
30	389	392	394	397	398														
35	357	361	364	369	371														
40	321	327	331	338	340														
45	281	288	293	301	304														
50	236	244	251	260	265														
55	185	195	205	217	223														
60	129	139	154	169	177														
65	73.8	83.1	98.1	116	127														
70	33.2	38.4	47.8	62.5	72.8														
75	13.4	15.6	18.5	23.9	28.3														
80	6.47	7.01	7.49	8.60	9.57														
85	1.71	2.12	2.63	3.31	3.85														
90	0.26	0.28	0.34	0.40	0.39														
95	0.40	0.37	0.42	0.48	0.52														
100	0.58	0.55	0.61	0.67	0.73														
105	0.79	0.77	0.84	0.90	0.93														
110	1.03	1.01	1.08	1.13	1.18														
115	1.27	1.27	1.32	1.38	1.43														
120	1.53	1.52	1.54	1.63	1.68														
125	1.78	1.77	1.78	1.86	1.91														
130	1.98	1.99	2.00	2.06	2.14														
135	2.20	2.20	2.21	2.23	2.25														
140	2.41	2.40	2.42	2.44	2.46														
145	2.64	2.63	2.65	2.66	2.75														
150	2.86	2.85	2.87	2.86	2.88														
155	3.12	3.09	3.08	3.06	3.07														
160	3.32	3.31	3.27	3.25	3.31														
165	3.47	3.45	3.43	3.43	3.48														
170	3.62	3.61	3.60	3.59	3.60														
175	3.72	3.74	3.75	3.74	3.73														
180	3.79	3.80	3.82	3.82	3.80														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-04-05

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=1.1125]
 Remarks: