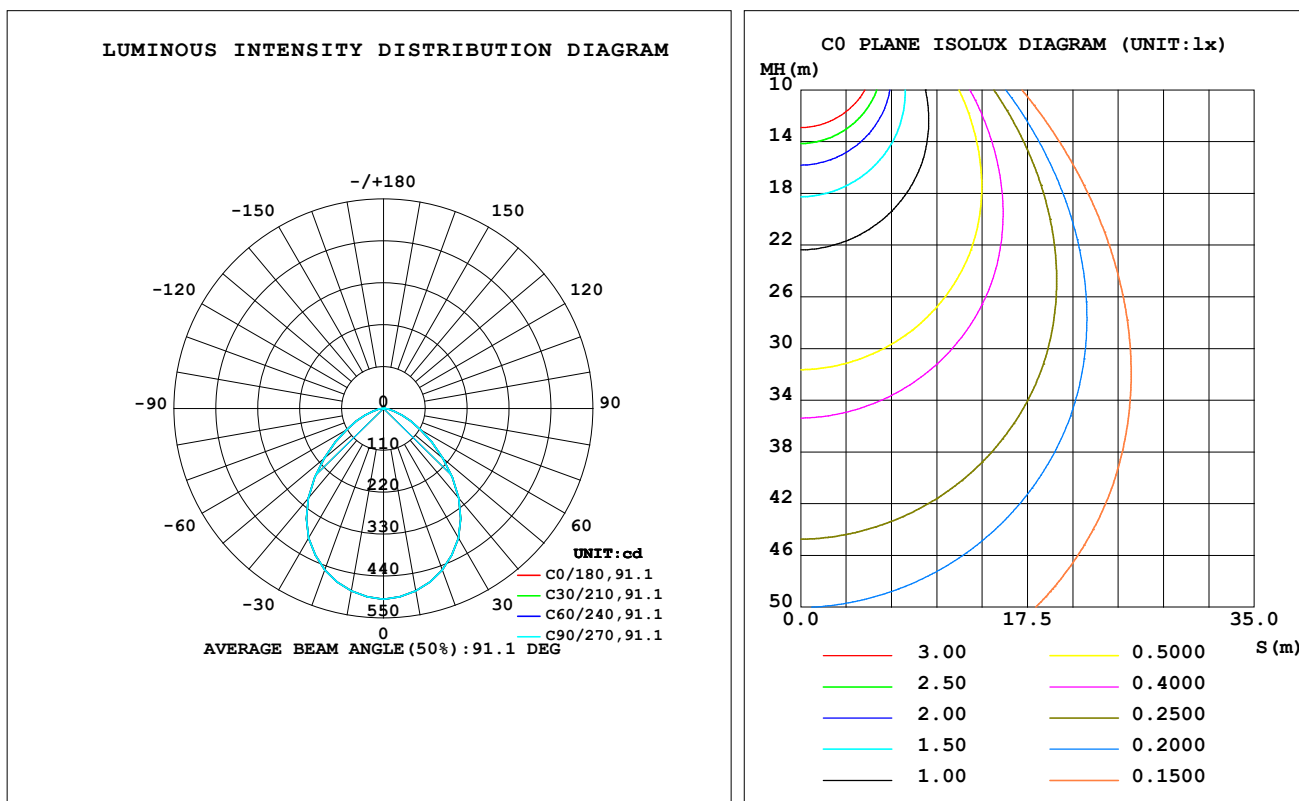


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.1*0.1	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 82.06 lm/W
MODEL	CDL7-4DA13AC (13W 2700K)	I _{max} (cd)	500.5	S/MH (C0/180)	1.18	
NOMINAL POWER (W)	13	LOR (%)	100.0	S/MH (C90/270)	1.18	
RATED VOLTAGE (V)	100-277	TOTAL FLUX (lm)	1063.3	h UP, DN (C0-180)	0.5, 49.5	
NOMINAL FLUX (lm)	1063.3	CIE CLASS	DIRECT	h UP, DN (C180-360)	0.5, 49.5	
LAMPS INSIDE	1	h up (%)	1.0	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	120	h down (%)	99.0	CIBSE SHR MAX	1.30	



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2020-06-15

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=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

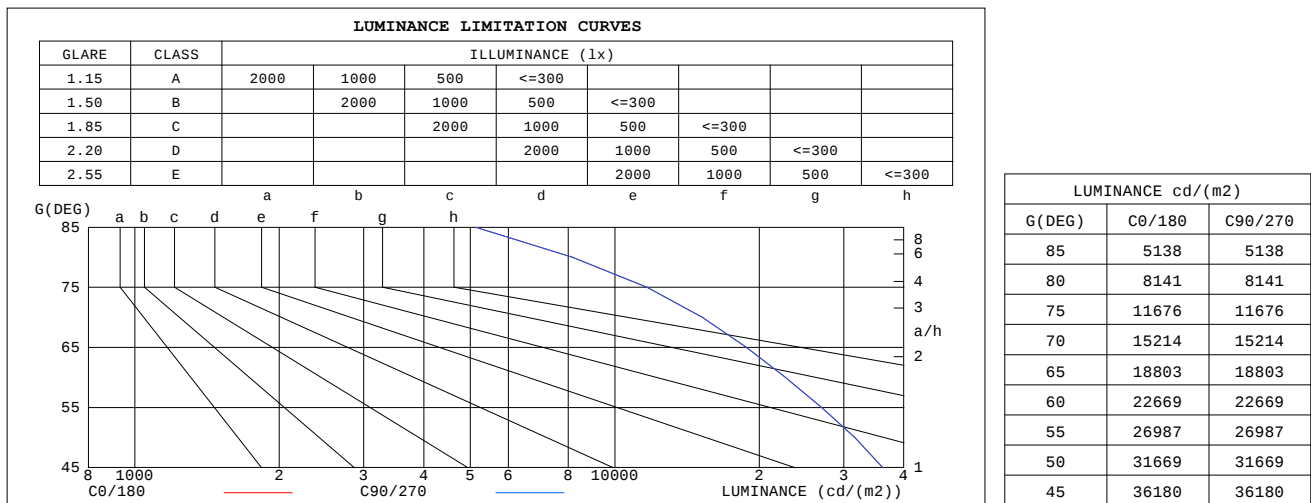
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	486.7	486.7	486.7	486.7	486.7	486.7	486.7	486.7	0- 10	47.09	47.09	4.43,4.43
20	451.3	451.3	451.3	451.3	451.3	451.3	451.3	451.3	10- 20	132.9	180.0	16.9,16.9
30	393.2	393.2	393.2	393.2	393.2	393.2	393.2	393.2	20- 30	195.5	375.5	35.3,35.3
40	307.0	307.0	307.0	307.0	307.0	307.0	307.0	307.0	30- 40	220.1	595.6	56,56
50	203.6	203.6	203.6	203.6	203.6	203.6	203.6	203.6	40- 50	197.0	792.7	74.5,74.5
60	113.3	113.3	113.3	113.3	113.3	113.3	113.3	113.3	50- 60	139.9	932.6	87.7,87.7
70	52.03	52.03	52.03	52.03	52.03	52.03	52.03	52.03	60- 70	80.17	1013	95.2,95.2
80	14.14	14.14	14.14	14.14	14.14	14.14	14.14	14.14	70- 80	33.37	1046	98.4,98.4
90	0.3533	0.3533	0.3533	0.3533	0.3533	0.3533	0.3533	0.3533	80- 90	6.381	1052	99,99
100	0.6713	0.6713	0.6713	0.6713	0.6713	0.6713	0.6713	0.6713	90-100	0.5505	1053	99,99
110	1.113	1.113	1.113	1.113	1.113	1.113	1.113	1.113	100-110	0.9423	1054	99.1,99.1
120	1.592	1.592	1.592	1.592	1.592	1.592	1.592	1.592	110-120	1.340	1055	99.2,99.2
130	2.094	2.094	2.094	2.094	2.094	2.094	2.094	2.094	120-130	1.649	1057	99.4,99.4
140	2.541	2.541	2.541	2.541	2.541	2.541	2.541	2.541	130-140	1.796	1059	99.6,99.6
150	2.954	2.954	2.954	2.954	2.954	2.954	2.954	2.954	140-150	1.722	1060	99.7,99.7
160	3.353	3.353	3.353	3.353	3.353	3.353	3.353	3.353	150-160	1.456	1062	99.9,99.9
170	3.682	3.682	3.682	3.682	3.682	3.682	3.682	3.682	160-170	0.9961	1063	100,100
180	3.847	3.847	3.847	3.847	3.847	3.847	3.847	3.847	170-180	0.3589	1063	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:2020-06-15

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=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.1*0.1	Shielding Angle:



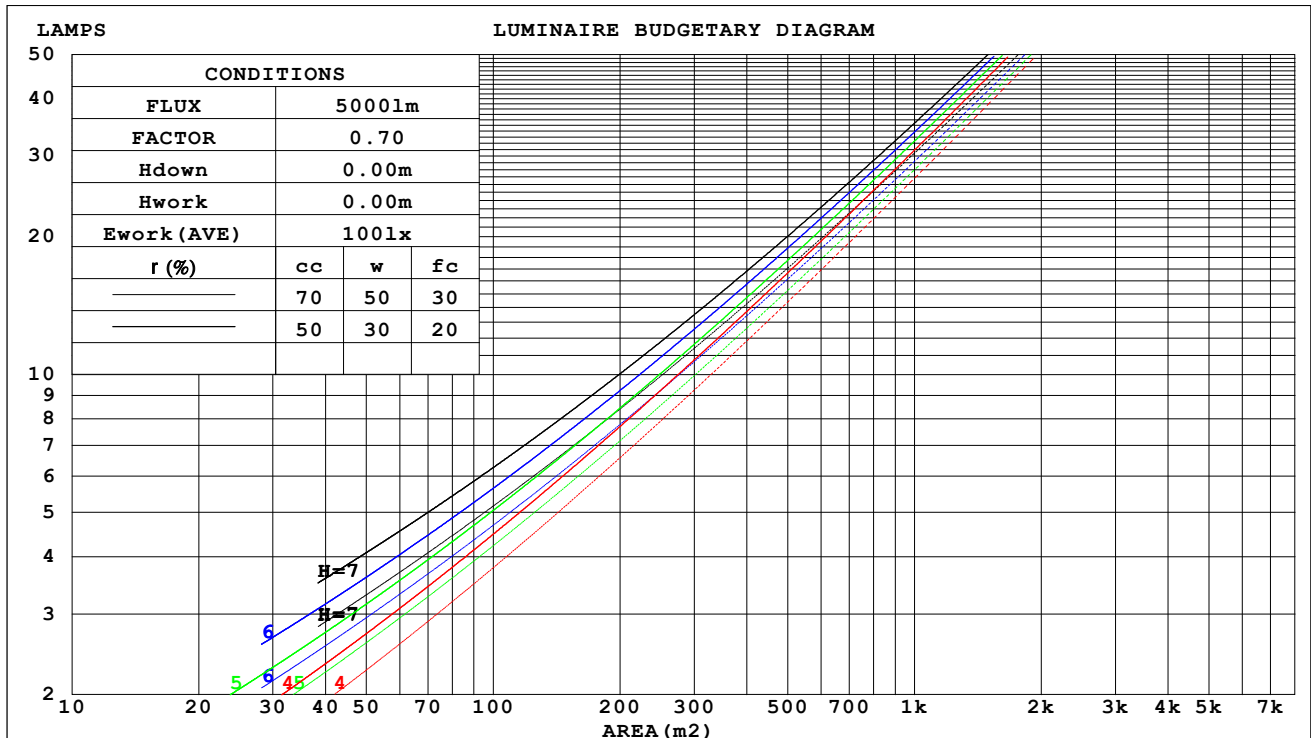
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2020-06-15

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=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.1*0.1	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															



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2020-06-15

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=1.0000]
Remarks:

WEC AND CCEC

NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.1*0.1	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	.258 .147 .047	.251 .143 .045	.237 .136 .044	.225 .130 .042	.213 .124 .040	
2.0	.249 .137 .042	.243 .134 .041	.231 .129 .040	.220 .124 .039	.210 .119 .037	
3.0	.236 .125 .038	.230 .123 .037	.220 .119 .036	.210 .115 .035	.201 .111 .034	
4.0	.221 .115 .034	.216 .113 .033	.207 .110 .033	.198 .106 .032	.190 .103 .031	
5.0	.207 .106 .031	.203 .104 .030	.195 .101 .030	.187 .099 .029	.180 .096 .029	
6.0	.194 .097 .028	.190 .096 .028	.183 .094 .027	.176 .092 .027	.170 .089 .027	
7.0	.183 .090 .026	.179 .089 .025	.173 .087 .025	.166 .085 .025	.161 .083 .025	
8.0	.172 .084 .024	.169 .083 .023	.163 .081 .023	.157 .080 .023	.152 .078 .023	
9.0	.162 .078 .022	.159 .078 .022	.154 .076 .022	.149 .075 .021	.144 .073 .021	
10.0	.153 .074 .020	.151 .073 .020	.146 .072 .020	.141 .070 .020	.137 .069 .020	

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	.116 .116 .116	.066 .066 .066	.021 .021 .021	
1.0	.185 .164 .146	.158 .141 .126	.108 .097 .087	.062 .056 .051	.020 .018 .016	
2.0	.174 .140 .111	.149 .120 .096	.102 .083 .067	.059 .048 .039	.019 .016 .013	
3.0	.166 .122 .087	.142 .105 .075	.098 .073 .053	.056 .043 .031	.018 .014 .010	
4.0	.158 .108 .070	.135 .094 .061	.093 .065 .043	.054 .038 .025	.017 .012 .008	
5.0	.151 .098 .059	.129 .084 .051	.089 .059 .036	.052 .035 .021	.017 .011 .007	
6.0	.144 .089 .050	.124 .077 .043	.085 .054 .031	.049 .032 .018	.016 .010 .006	
7.0	.137 .082 .043	.118 .071 .038	.082 .050 .027	.047 .029 .016	.015 .010 .005	
8.0	.131 .076 .038	.113 .066 .034	.078 .046 .024	.045 .027 .014	.015 .009 .005	
9.0	.126 .071 .035	.108 .062 .030	.075 .044 .021	.044 .026 .013	.014 .008 .004	
10.0	.120 .067 .032	.104 .058 .028	.072 .041 .020	.042 .024 .012	.014 .008 .004	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-06-15

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=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

NAME: LED DOWNLIGHT					TYPE:					WEIGHT:				
SPEC.:					DIM.:					SERIAL No.:				
MFR.: ASD LIGHTING CORP					SUR.: 0.1*0.1					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	2H	23.5	24.8	23.7	25.0	25.2	23.5	24.8	23.7	25.0	25.2			
	3H	24.1	25.3	24.4	25.6	25.8	24.1	25.3	24.4	25.6	25.8			
	4H	24.2	25.4	24.5	25.7	25.9	24.2	25.4	24.5	25.7	25.9			
	6H	24.3	25.4	24.6	25.6	25.9	24.3	25.4	24.6	25.6	25.9			
	8H	24.2	25.3	24.6	25.6	25.9	24.2	25.3	24.6	25.6	25.9			
	12H	24.2	25.2	24.6	25.5	25.8	24.2	25.2	24.6	25.5	25.8			
4H	2H	23.7	24.9	24.1	25.2	25.4	23.7	24.9	24.1	25.2	25.4			
	3H	24.5	25.5	24.8	25.8	26.1	24.5	25.5	24.8	25.8	26.1			
	4H	24.7	25.6	25.1	26.0	26.3	24.7	25.6	25.1	26.0	26.3			
	6H	24.8	25.6	25.2	26.0	26.3	24.8	25.6	25.2	26.0	26.3			
	8H	24.8	25.5	25.2	25.9	26.3	24.8	25.5	25.2	25.9	26.3			
	12H	24.8	25.4	25.2	25.8	26.3	24.8	25.4	25.2	25.8	26.3			
8H	4H	24.7	25.5	25.1	25.9	26.3	24.7	25.5	25.1	25.9	26.3			
	6H	24.9	25.5	25.3	25.9	26.3	24.9	25.5	25.3	25.9	26.3			
	8H	24.9	25.4	25.3	25.8	26.3	24.9	25.4	25.3	25.8	26.3			
	12H	24.9	25.3	25.3	25.8	26.3	24.9	25.3	25.3	25.8	26.3			
12H	4H	24.7	25.4	25.1	25.8	26.2	24.7	25.4	25.1	25.8	26.2			
	6H	24.8	25.4	25.3	25.8	26.3	24.8	25.4	25.3	25.8	26.3			
	8H	24.8	25.3	25.3	25.8	26.3	24.8	25.3	25.3	25.8	26.3			
Variations with the observer position at spacings(CIE Pub.117):														
S = 1.0H		+ 0.5 / - 0.6					+ 0.5 / - 0.6							
1.5H		+ 0.3 / - 0.3					+ 0.3 / - 0.3							
2.0H		+ 1.0 / - 1.1					+ 1.0 / - 1.1							

CIE Pub.117, 1063 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.2)
Area: 0.01 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-06-15

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=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.1*0.1	Shielding Angle:

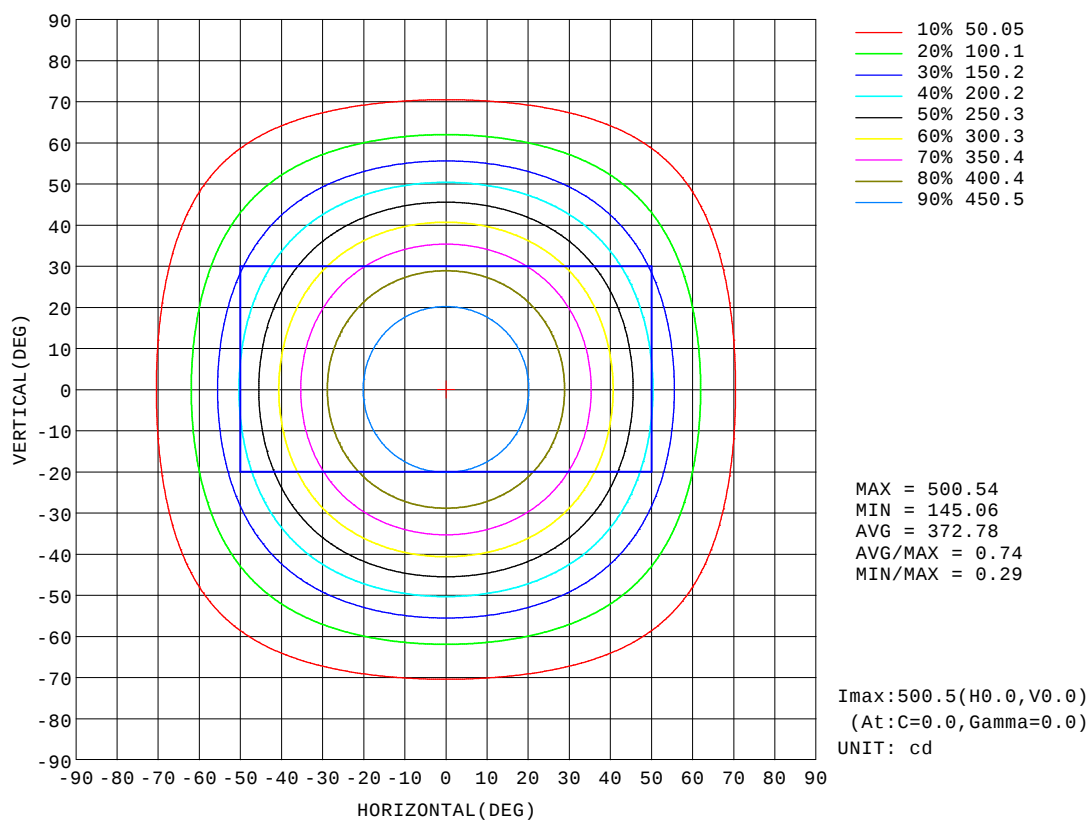
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	64	53	47	63	53	47	62	53	47	41
0.80	74	64	57	73	63	57	71	63	57	51
1.00	82	73	66	81	72	66	79	73	65	59
1.25	89	80	74	87	79	73	85	78	72	66
1.50	93	85	79	92	84	79	89	82	77	71
2.00	99	92	87	97	91	86	94	89	84	77
2.50	102	96	91	100	95	90	97	92	88	80
3.00	105	100	95	103	98	94	99	95	91	83
4.00	109	104	100	106	102	98	102	99	96	87
5.00	110	106	103	108	104	101	104	101	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: 2020-06-15

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=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.1*0.1	Shielding Angle:

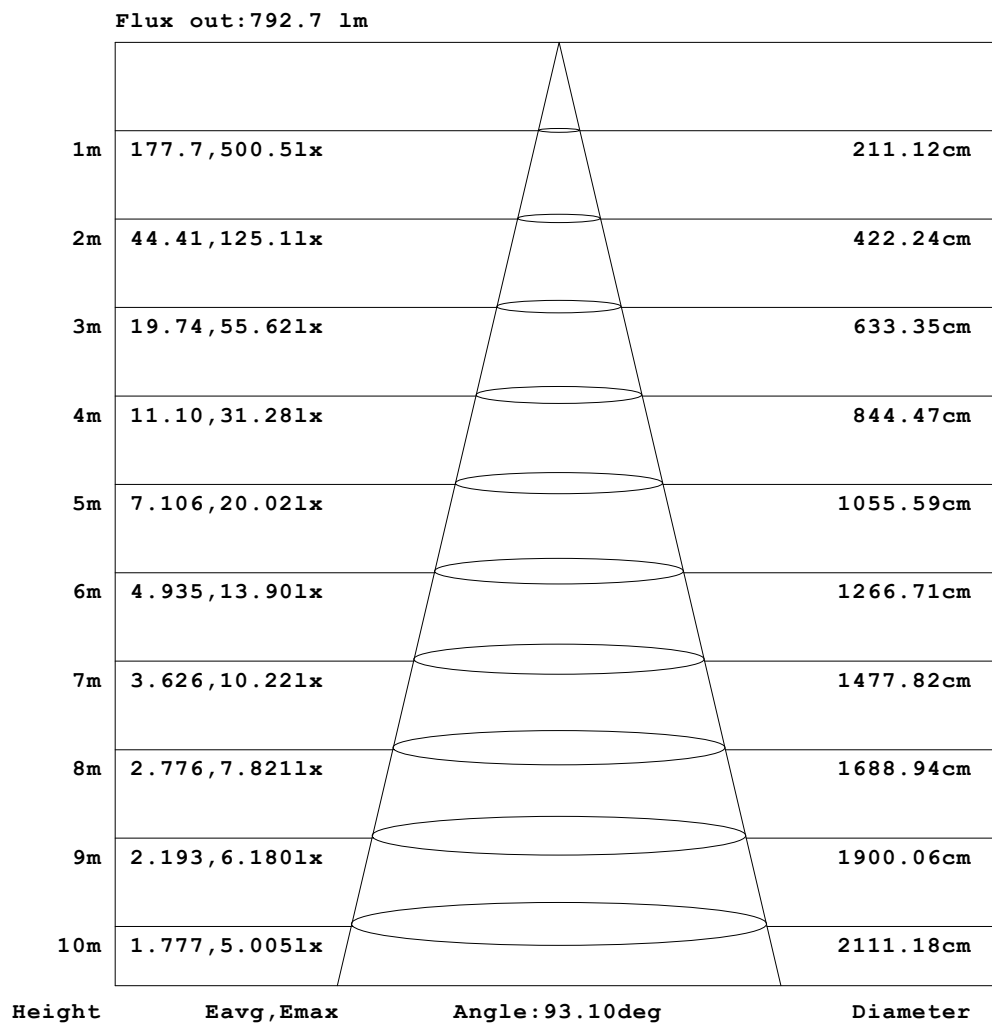


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2020-06-15

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=1.0000]
Remarks:

AAI Figure

NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.1*0.1	Shielding Angle:



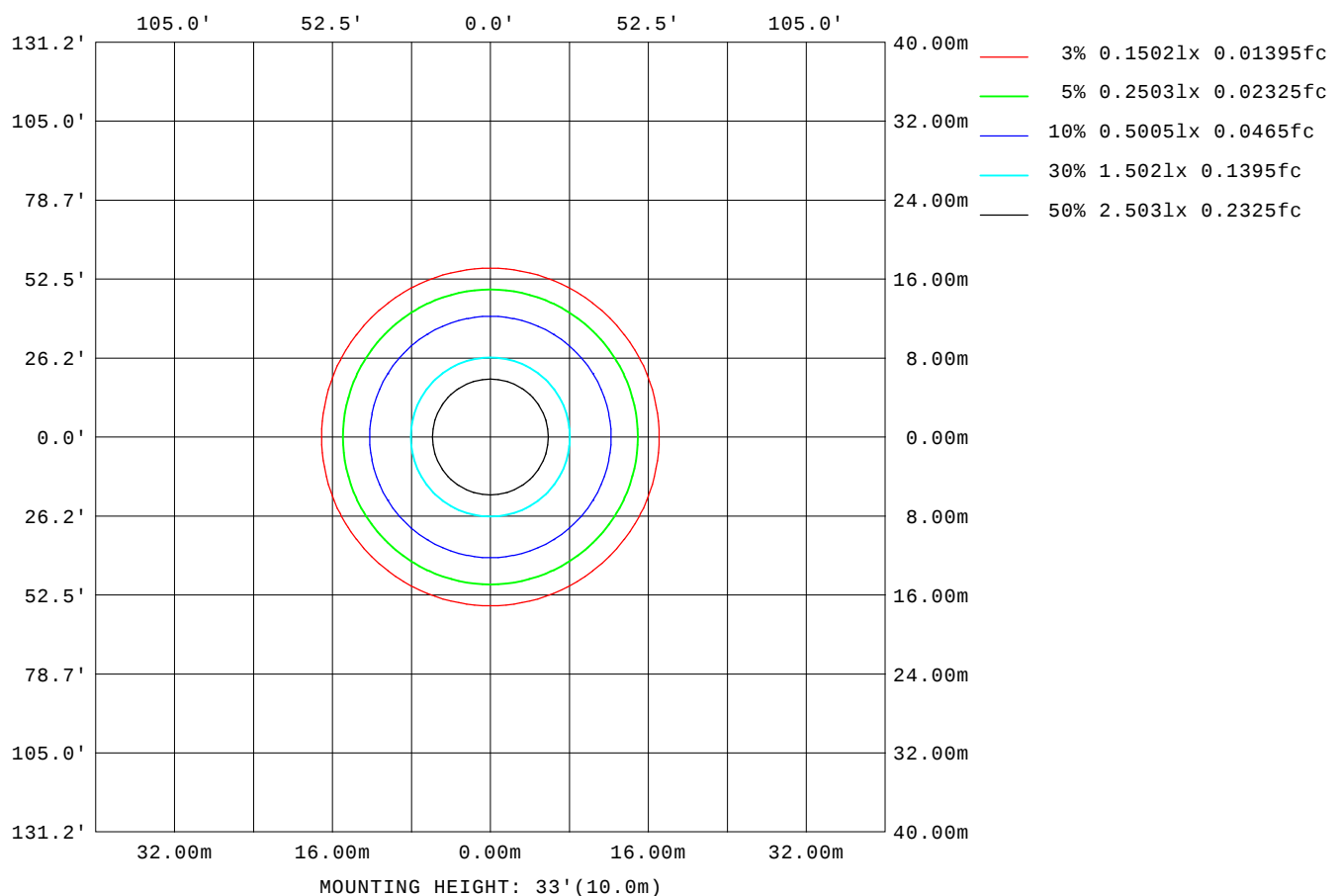
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2020-06-15

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=1.0000]
Remarks:

ISOLUX DIAGRAM

NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.1*0.1	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2020-06-15

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=1.0000]
Remarks:

LED Avg.L Report

NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.1*0.1	Shielding Angle:

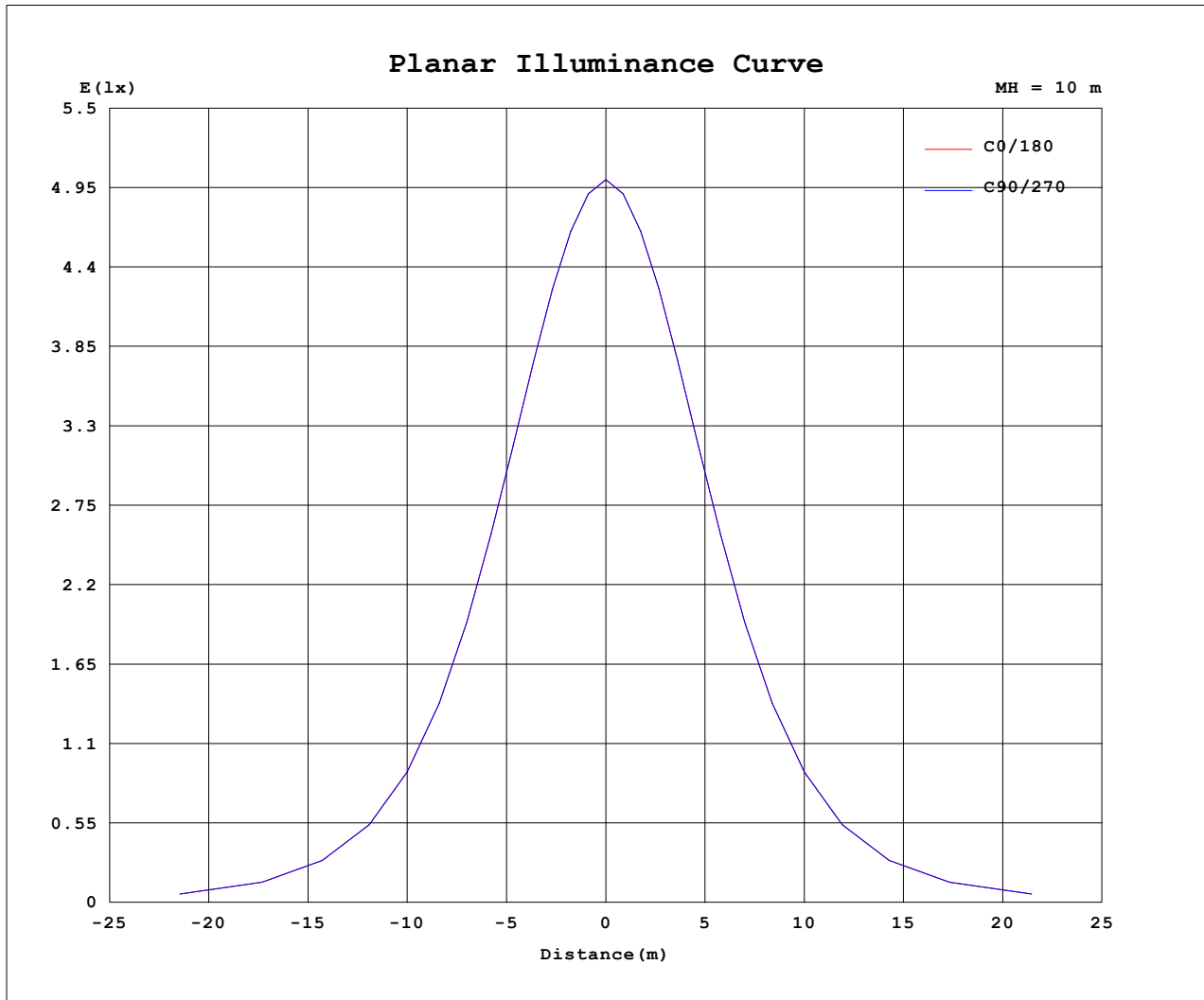
AvgL	cd/m2
L_0~180 (65) av	18803
L_0~180 (75) av	11676
L_0~180 (85) av	5138
L_90~270 (65) av	18803
L_90~270 (75) av	11676
L_90~270 (85) av	5138
L_45 (65) av	18803
L_45 (75) av	11676
L_45 (85) av	5138

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2020-06-15

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=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2020-06-15

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=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.1*0.1	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	501	501	501	501	501	501	501	501	501	501	501	501	501	501	501	501	501	501	501
5	496	496	496	496	496	496	496	496	496	496	496	496	496	496	496	496	496	496	496
10	487	487	487	487	487	487	487	487	487	487	487	487	487	487	487	487	487	487	487
15	472	472	472	472	472	472	472	472	472	472	472	472	472	472	472	472	472	472	472
20	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451	451
25	425	425	425	425	425	425	425	425	425	425	425	425	425	425	425	425	425	425	425
30	393	393	393	393	393	393	393	393	393	393	393	393	393	393	393	393	393	393	393
35	353	353	353	353	353	353	353	353	353	353	353	353	353	353	353	353	353	353	353
40	307	307	307	307	307	307	307	307	307	307	307	307	307	307	307	307	307	307	307
45	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256
50	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204
55	155	155	155	155	155	155	155	155	155	155	155	155	155	155	155	155	155	155	155
60	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113
65	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
70	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
75	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
80	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1
85	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.48
90	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
95	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
100	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67
105	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
110	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11
115	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35
120	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59
125	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84
130	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.09
135	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33
140	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54
145	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75
150	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95
155	3.16	3.16	3.16	3.16	3.16	3.16	3.16	3.16	3.16	3.16	3.16	3.16	3.16	3.16	3.16	3.16	3.16	3.16	3.16
160	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35
165	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54
170	3.68	3.68	3.68	3.68	3.68	3.68	3.68	3.68	3.68	3.68	3.68	3.68	3.68	3.68	3.68	3.68	3.68	3.68	3.68
175	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80
180	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2020-06-15

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=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: LED DOWNLIGHT	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.1*0.1	Shielding Angle:

Table--2

UNIT: cd

C (DEG) g (DEG)	285	300	315	330	345														
0	501	501	501	501	501														
5	496	496	496	496	496														
10	487	487	487	487	487														
15	472	472	472	472	472														
20	451	451	451	451	451														
25	425	425	425	425	425														
30	393	393	393	393	393														
35	353	353	353	353	353														
40	307	307	307	307	307														
45	256	256	256	256	256														
50	204	204	204	204	204														
55	155	155	155	155	155														
60	113	113	113	113	113														
65	79.5	79.5	79.5	79.5	79.5														
70	52.0	52.0	52.0	52.0	52.0														
75	30.2	30.2	30.2	30.2	30.2														
80	14.1	14.1	14.1	14.1	14.1														
85	4.48	4.48	4.48	4.48	4.48														
90	0.35	0.35	0.35	0.35	0.35														
95	0.50	0.50	0.50	0.50	0.50														
100	0.67	0.67	0.67	0.67	0.67														
105	0.89	0.89	0.89	0.89	0.89														
110	1.11	1.11	1.11	1.11	1.11														
115	1.35	1.35	1.35	1.35	1.35														
120	1.59	1.59	1.59	1.59	1.59														
125	1.84	1.84	1.84	1.84	1.84														
130	2.09	2.09	2.09	2.09	2.09														
135	2.33	2.33	2.33	2.33	2.33														
140	2.54	2.54	2.54	2.54	2.54														
145	2.75	2.75	2.75	2.75	2.75														
150	2.95	2.95	2.95	2.95	2.95														
155	3.16	3.16	3.16	3.16	3.16														
160	3.35	3.35	3.35	3.35	3.35														
165	3.54	3.54	3.54	3.54	3.54														
170	3.68	3.68	3.68	3.68	3.68														
175	3.80	3.80	3.80	3.80	3.80														
180	3.85	3.85	3.85	3.85	3.85														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2020-06-15

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=1.0000]
Remarks: