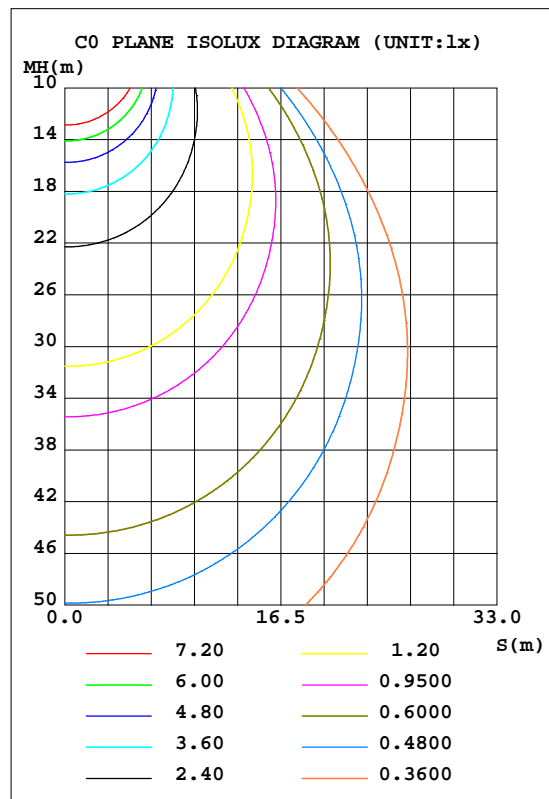
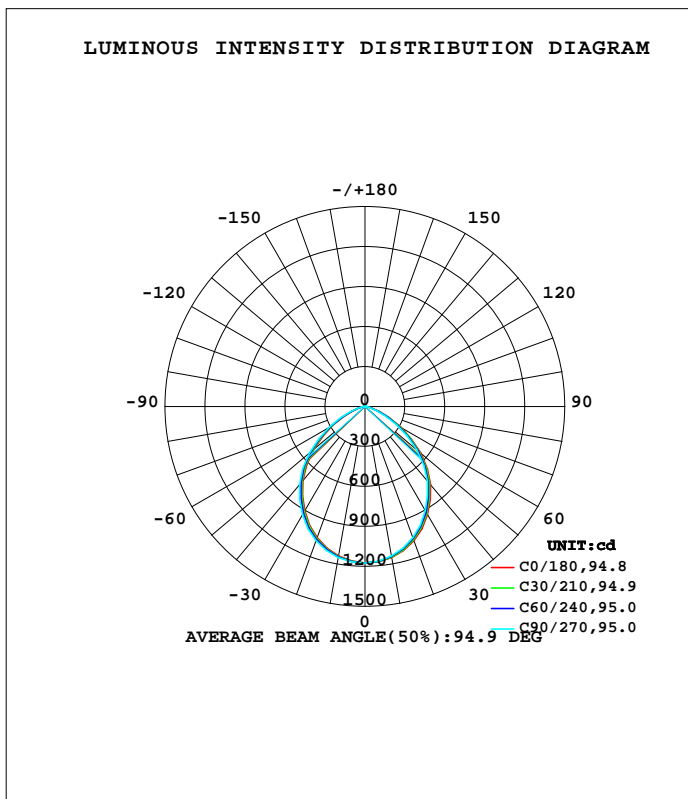


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.18V I:0.2404A P:28.598W PF:0.9900 Freq:59.98Hz Lamp Flux:2550.89x1 lm		
NAME: LED DOWN LIGHT	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.1*0.1	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 89.20 lm/W			
MODEL	ASD-CDL5-8AD30AC	I _{max} (cd)	1174	S/MH(C0/180)	1.16
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	1.19
RATED VOLTAGE(V)	100-277	TOTAL FLUX(lm)	2550.9	h UP, DN(C0-180)	0.5, 48.9
NOMINAL FLUX(lm)	2550.89	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	1.30



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: L
 Test Date: 2020-03-02

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.1063]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

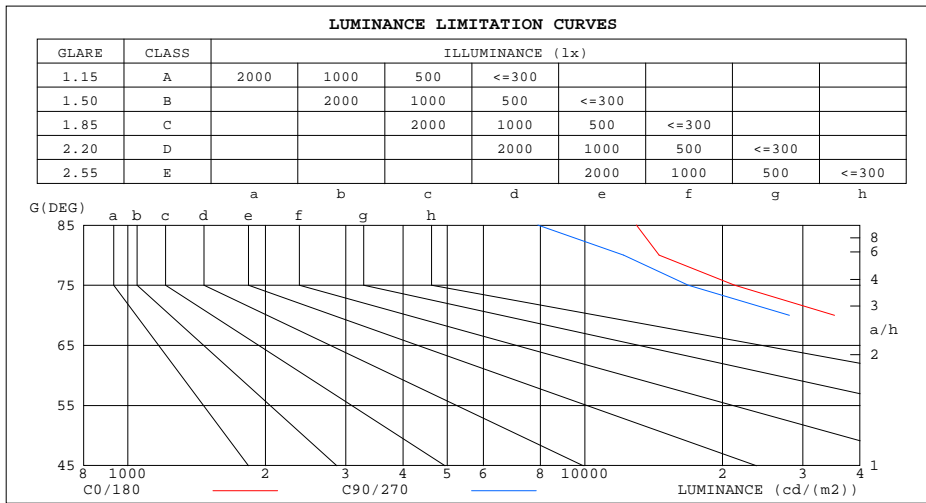
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	1153	1147	1140	1137	1139	1145	1152	1155	0- 10	110.7	110.7	4.34,4.34
20	1073	1062	1049	1044	1049	1058	1073	1079	10- 20	312.8	423.5	16.6,16.6
30	939.3	924.6	906.2	899.1	904.5	917.8	938.5	946.6	20- 30	458.8	882.3	34.6,34.6
40	766.0	751.0	729.5	719.9	725.7	741.4	764.3	773.6	30- 40	523.1	1405	55.1,55.1
50	548.6	532.8	507.6	496.1	502.2	521.6	546.7	555.9	40- 50	493.5	1899	74.4,74.4
60	311.4	298.2	275.2	267.3	273.4	286.5	307.7	314.4	50- 60	364.1	2263	88.7,88.7
70	118.5	108.2	96.24	94.54	98.64	105.5	116.3	120.4	60- 70	192.6	2456	96.3,96.3
80	24.84	23.33	21.20	21.95	22.71	23.91	24.96	25.51	70- 80	60.48	2516	98.6,98.6
90	0.7684	0.6998	0.7264	0.7483	0.6192	0.6053	0.5480	0.5499	80- 90	11.75	2528	99.1,99.1
100	1.323	1.405	1.465	1.491	1.303	1.227	1.162	1.129	90-100	1.047	2529	99.1,99.1
110	2.256	2.352	2.449	2.471	2.237	2.141	2.053	2.004	100-110	1.868	2531	99.2,99.2
120	3.385	3.453	3.588	3.601	3.311	3.204	3.104	3.062	110-120	2.759	2534	99.3,99.3
130	4.508	4.593	4.716	4.709	4.419	4.283	4.204	4.153	120-130	3.483	2537	99.5,99.5
140	5.545	5.623	5.789	5.728	5.417	5.269	5.233	5.156	130-140	3.829	2541	99.6,99.6
150	6.554	6.642	6.774	6.708	6.405	6.288	6.234	6.208	140-150	3.736	2545	99.8,99.8
160	7.499	7.600	7.670	7.628	7.403	7.323	7.296	7.277	150-160	3.216	2548	99.9,99.9
170	8.280	8.376	8.389	8.353	8.222	8.143	8.163	8.153	160-170	2.223	2550	100,100
180	8.645	8.728	8.655	8.707	8.710	8.706	8.660	8.713	170-180	0.8069	2551	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:L
 Test Date:2020-03-02

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:8.000m [K=1.1063]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.18V I:0.2404A P:28.598W PF:0.9900 Freq:59.98Hz Lamp Flux:2550.89x1 lm		
NAME: LED DOWN LIGHT	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.1*0.1	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	12958	7887
80	14530	12167
75	21265	16832
70	35192	28045
65	49633	41527
60	63263	54865
55	75741	67459
50	86685	78708
45	95422	88036

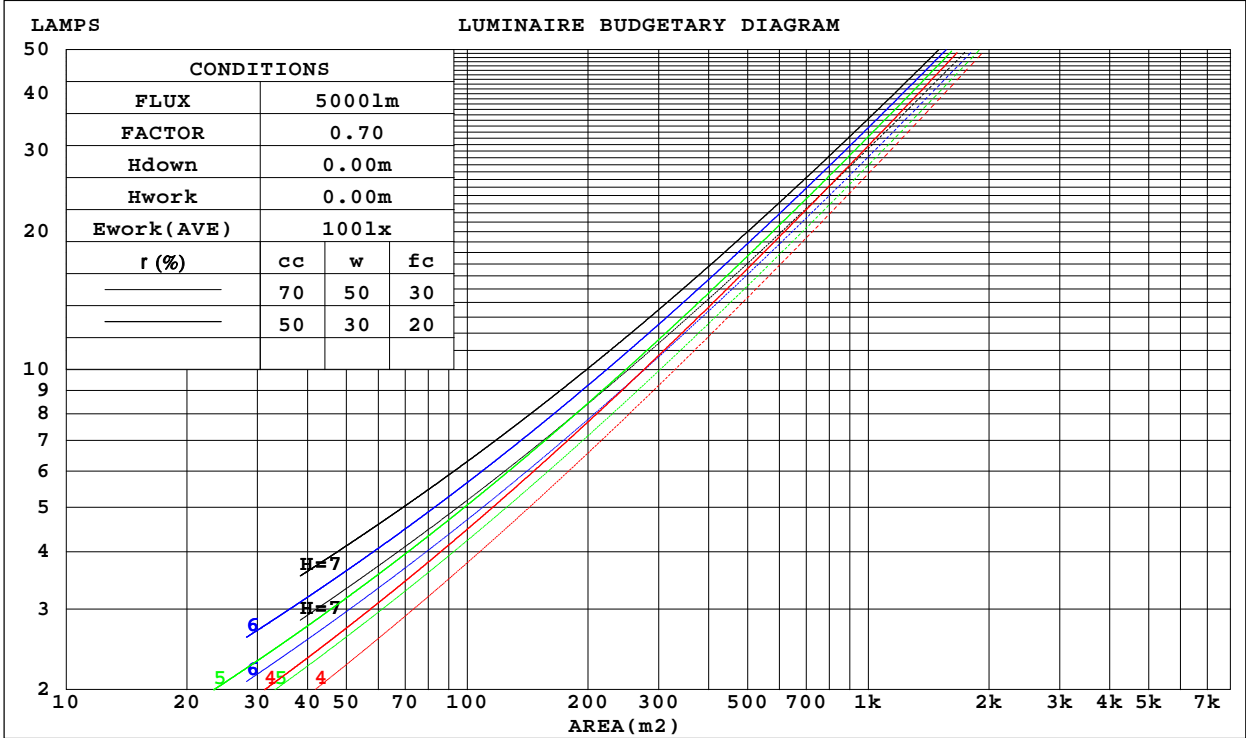
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: L
 Test Date: 2020-03-02

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.1063]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.18V I:0.2404A P:28.598W PF:0.9900 Freq:59.98Hz Lamp Flux:2550.89x1 lm		
NAME: LED DOWN LIGHT	TYPE:	WEIGHT:
SPEC.: 3000K	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						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	1.07	1.03	.00	1.04	1.01	.98	.00	.97	.95	.96	.94	.92	.92	.91	.89	.87
2.0	.95	.89	.84	.93	.88	.83	.89	.85	.81	.86	.82	.79	.83	.80	.77	.75
3.0	.85	.77	.72	.83	.76	.71	.80	.74	.70	.77	.72	.68	.75	.71	.67	.65
4.0	.76	.68	.62	.75	.67	.62	.72	.66	.61	.70	.64	.60	.68	.63	.59	.57
5.0	.68	.60	.54	.67	.60	.54	.65	.58	.53	.63	.57	.53	.61	.56	.52	.50
6.0	.62	.54	.48	.61	.53	.48	.59	.52	.47	.58	.51	.47	.56	.51	.46	.44
7.0	.57	.48	.43	.56	.48	.43	.54	.47	.42	.53	.47	.42	.51	.46	.42	.40
8.0	.52	.44	.38	.51	.44	.38	.50	.43	.38	.49	.42	.38	.47	.42	.38	.36
9.0	.48	.40	.35	.47	.40	.35	.46	.39	.35	.45	.39	.34	.44	.38	.34	.32
10.0	.44	.37	.32	.44	.37	.32	.43	.36	.32	.42	.36	.31	.41	.35	.31	.30



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:L
 Test Date:2020-03-02

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:8.000m [K=1.1063]
 Remarks:

WEC AND CCEC

Test:U:120.18V I:0.2404A P:28.598W PF:0.9900 Freq:59.98Hz Lamp Flux:2550.89x1 lm		
NAME: LED DOWN LIGHT	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.1*0.1	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	.255	.145	.046	.248	.141	.045	.234	.134	.043	.222	.128	.041	.210	.122	.039	
2.0	.248	.136	.042	.241	.133	.041	.230	.128	.040	.219	.123	.038	.209	.118	.037	
3.0	.235	.125	.037	.229	.123	.037	.219	.119	.036	.209	.115	.035	.201	.111	.034	
4.0	.221	.115	.034	.216	.113	.033	.207	.110	.033	.198	.107	.032	.191	.104	.032	
5.0	.208	.106	.031	.203	.104	.030	.195	.102	.030	.187	.099	.029	.180	.096	.029	
6.0	.195	.098	.028	.191	.096	.028	.184	.094	.027	.177	.092	.027	.171	.090	.027	
7.0	.183	.091	.026	.180	.090	.026	.173	.088	.025	.167	.086	.025	.161	.084	.025	
8.0	.173	.084	.024	.169	.083	.024	.164	.082	.023	.158	.080	.023	.153	.078	.023	
9.0	.163	.079	.022	.160	.078	.022	.155	.077	.022	.150	.075	.021	.145	.074	.021	
10.0	.154	.074	.020	.152	.073	.020	.147	.072	.020	.142	.071	.020	.138	.069	.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
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	.183	.164	.146	.157	.140	.125	.107	.097	.087	.062	.056	.050	.020	.018	.016	
2.0	.173	.139	.110	.148	.120	.095	.102	.083	.067	.059	.048	.039	.019	.016	.013	
3.0	.165	.121	.086	.141	.104	.075	.097	.073	.052	.056	.042	.031	.018	.014	.010	
4.0	.157	.107	.070	.135	.093	.060	.093	.065	.043	.054	.038	.025	.017	.012	.008	
5.0	.150	.097	.058	.129	.084	.050	.089	.058	.035	.051	.034	.021	.017	.011	.007	
6.0	.143	.088	.049	.123	.076	.043	.085	.053	.030	.049	.031	.018	.016	.010	.006	
7.0	.137	.081	.042	.118	.070	.037	.081	.049	.026	.047	.029	.016	.015	.010	.005	
8.0	.131	.075	.037	.112	.065	.033	.078	.046	.023	.045	.027	.014	.015	.009	.005	
9.0	.125	.070	.034	.108	.061	.029	.075	.043	.021	.043	.025	.012	.014	.008	.004	
10.0	.120	.066	.031	.103	.058	.027	.072	.040	.019	.042	.024	.011	.014	.008	.004	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:L
 Test Date:2020-03-02

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:8.000m [K=1.1063]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.18V I:0.2404A P:28.598W PF:0.9900 Freq:59.98Hz Lamp Flux:2550.89x1 lm										
NAME: LED DOWN LIGHT					TYPE:			WEIGHT:		
SPEC.: 3000K					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	26.5	28.0	26.9	28.3	28.6	25.6	27.1	26.0	27.4	27.7
3H	27.3	28.6	27.7	28.9	29.3	26.3	27.6	26.6	27.9	28.3
4H	27.4	28.6	27.8	29.0	29.4	26.3	27.6	26.7	27.9	28.3
6H	27.4	28.5	27.8	28.9	29.3	26.3	27.5	26.8	27.9	28.3
8H	27.4	28.4	27.8	28.8	29.3	26.3	27.4	26.8	27.8	28.2
12H	27.4	28.4	27.8	28.8	29.2	26.3	27.3	26.8	27.7	28.2
4H 2H	26.8	28.0	27.2	28.3	28.8	25.9	27.1	26.3	27.5	27.9
3H	27.6	28.6	28.1	29.0	29.5	26.6	27.6	27.0	28.0	28.5
4H	27.8	28.7	28.2	29.1	29.6	26.7	27.6	27.2	28.1	28.5
6H	27.8	28.6	28.3	29.1	29.5	26.8	27.5	27.2	28.0	28.5
8H	27.8	28.5	28.3	29.0	29.5	26.8	27.5	27.2	27.9	28.4
12H	27.8	28.4	28.3	28.9	29.4	26.7	27.4	27.2	27.9	28.4
8H 4H	27.7	28.5	28.2	28.9	29.4	26.7	27.4	27.2	27.9	28.4
6H	27.8	28.4	28.3	28.9	29.4	26.8	27.4	27.3	27.9	28.4
8H	27.8	28.3	28.3	28.9	29.4	26.8	27.3	27.3	27.8	28.3
12H	27.8	28.3	28.4	28.8	29.4	26.8	27.2	27.3	27.8	28.3
12H 4H	27.7	28.4	28.2	28.8	29.3	26.7	27.3	27.2	27.8	28.3
6H	27.8	28.3	28.3	28.8	29.4	26.7	27.3	27.3	27.8	28.3
8H	27.8	28.3	28.3	28.8	29.4	26.8	27.2	27.3	27.7	28.3
CIE190: 2010										

CIE190: 2010
Area: 0.01 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:L
Test Date:2020-03-02

g Range: 0 - 180DEG
g Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.000m [K=1.1063]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.18V I:0.2404A P:28.598W PF:0.9900 Freq:59.98Hz Lamp Flux:2550.89x1 lm		
NAME: LED DOWN LIGHT	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.1*0.1	Shielding Angle:

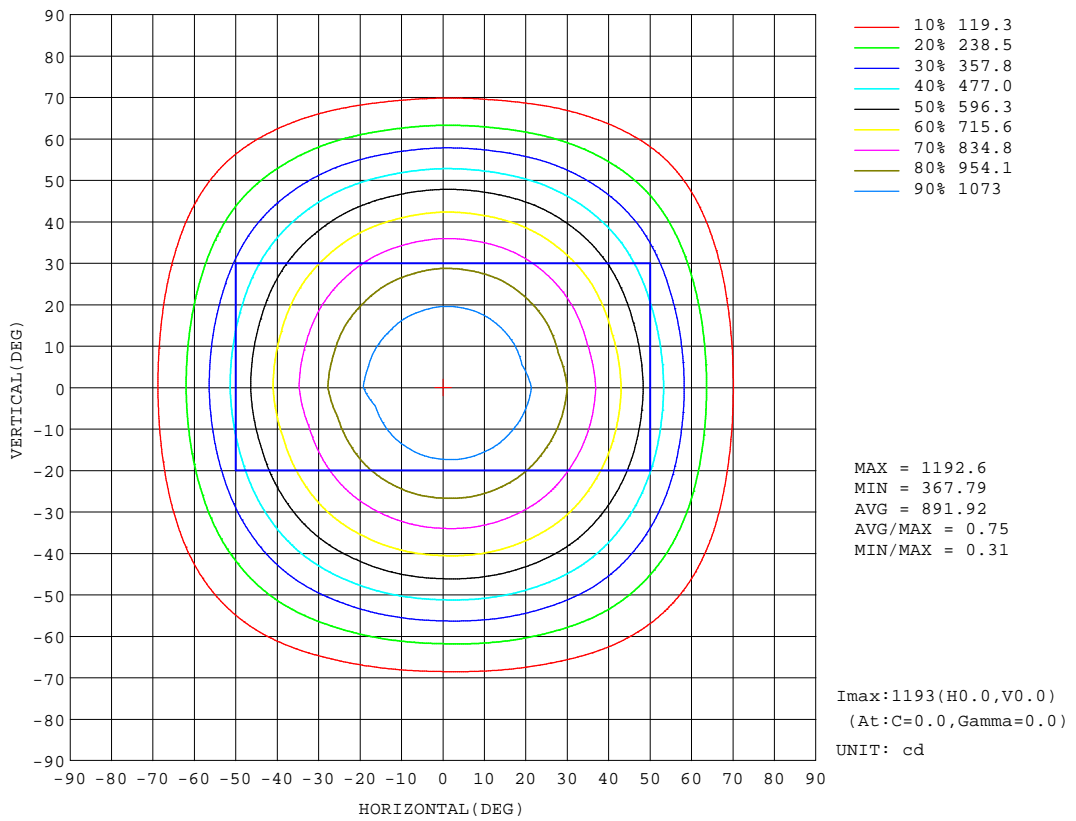
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	63	53	46	62	52	46	61	52	46	40
0.80	73	63	57	72	63	56	71	62	56	50
1.00	82	72	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	98	91	86	94	89	84	77
2.50	102	96	91	101	95	90	97	92	88	80
3.00	105	100	95	103	98	94	99	95	92	84
4.00	109	104	100	106	102	99	102	99	96	87
5.00	111	107	103	108	105	102	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: L
 Test Date: 2020-03-02

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.1063]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.18V I:0.2404A P:28.598W PF:0.9900 Freq:59.98Hz Lamp Flux:2550.89x1 lm		
NAME: LED DOWN LIGHT	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.1*0.1	Shielding Angle:



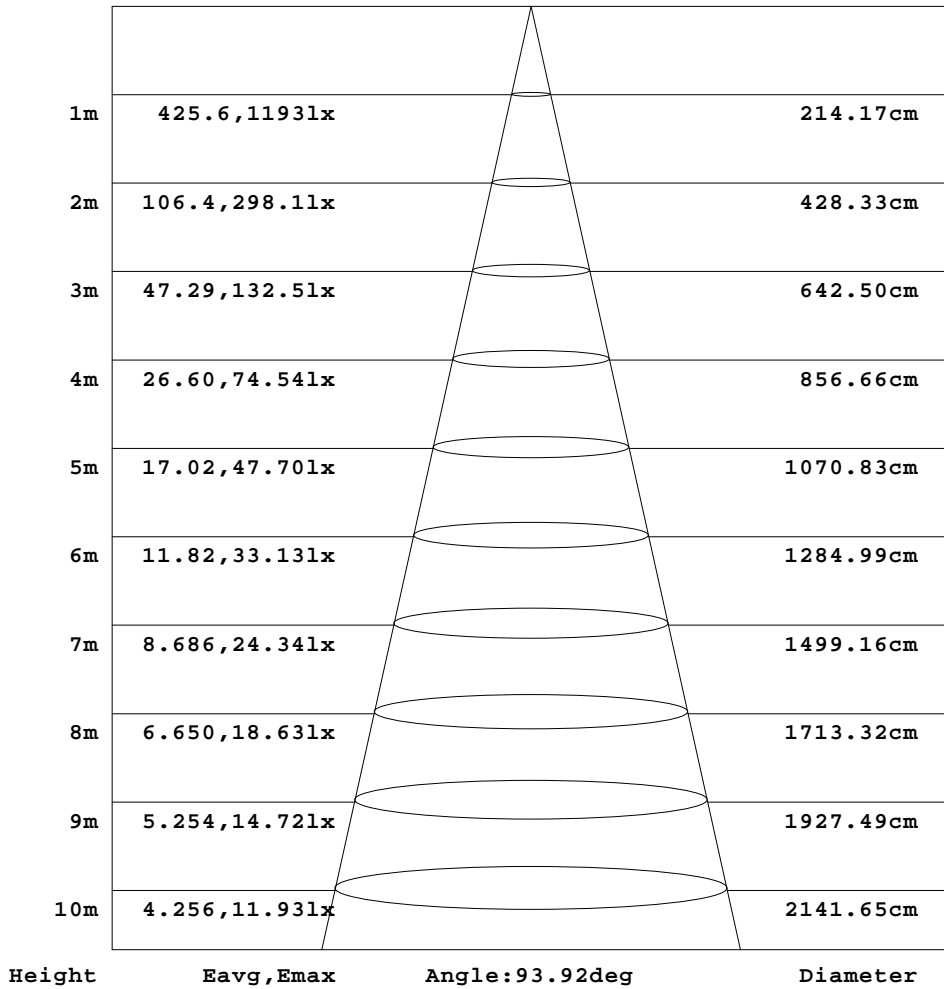
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:L
 Test Date:2020-03-02

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:8.000m [K=1.1063]
 Remarks:

AAI Figure

Test:U:120.18V I:0.2404A P:28.598W PF:0.9900 Freq:59.98Hz Lamp Flux:2550.89x1 lm		
NAME: LED DOWN LIGHT	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.1*0.1	Shielding Angle:

Flux out:1899 lm



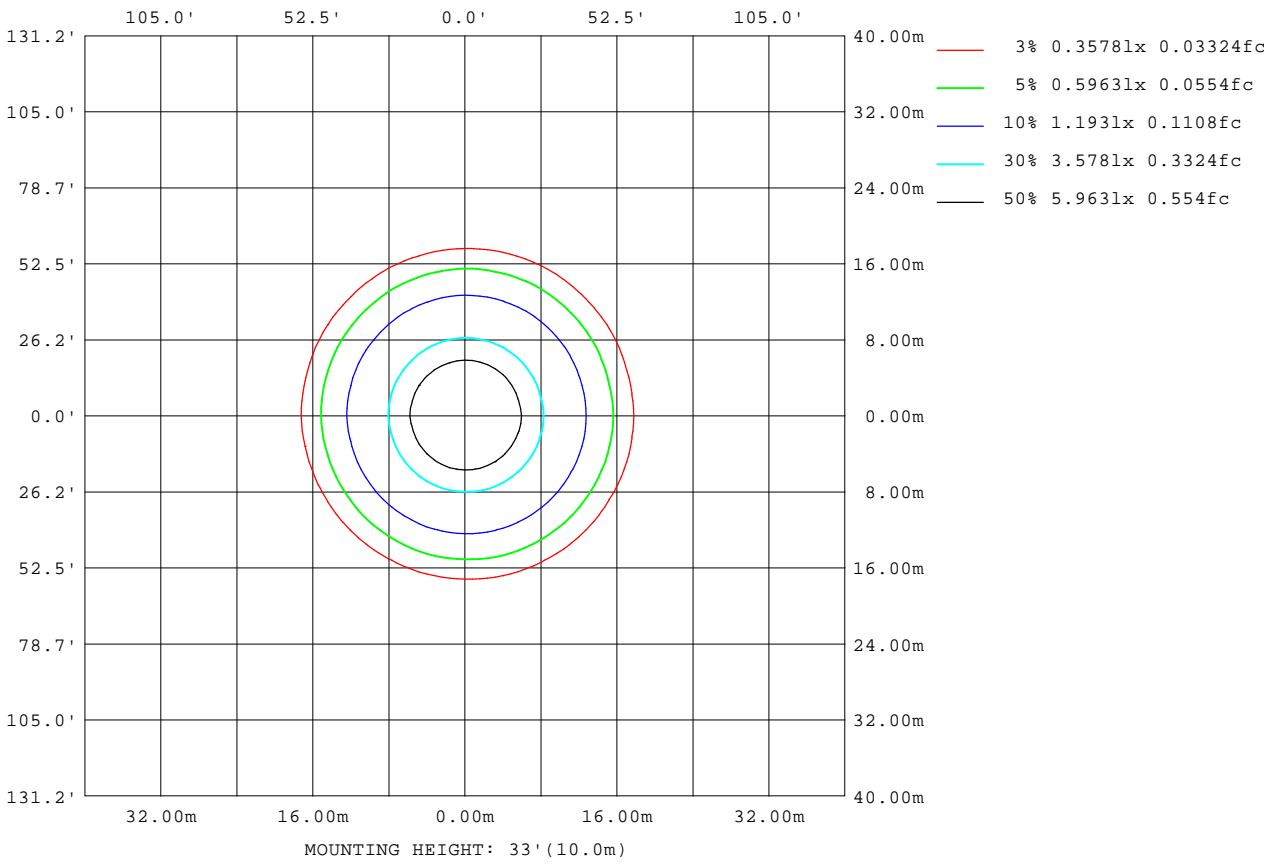
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:L
 Test Date:2020-03-02

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:8.000m [K=1.1063]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.18V I:0.2404A P:28.598W PF:0.9900 Freq:59.98Hz Lamp Flux:2550.89x1 lm		
NAME: LED DOWN LIGHT	TYPE:	WEIGHT:
SPEC.: 3000K	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: L
 Test Date: 2020-03-02

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.1063]
 Remarks:

LED Avg.L Report

Test:U:120.18V I:0.2404A P:28.598W PF:0.9900 Freq:59.98Hz Lamp Flux:2550.89x1 lm		
NAME: LED DOWN LIGHT	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.1*0.1	Shielding Angle:

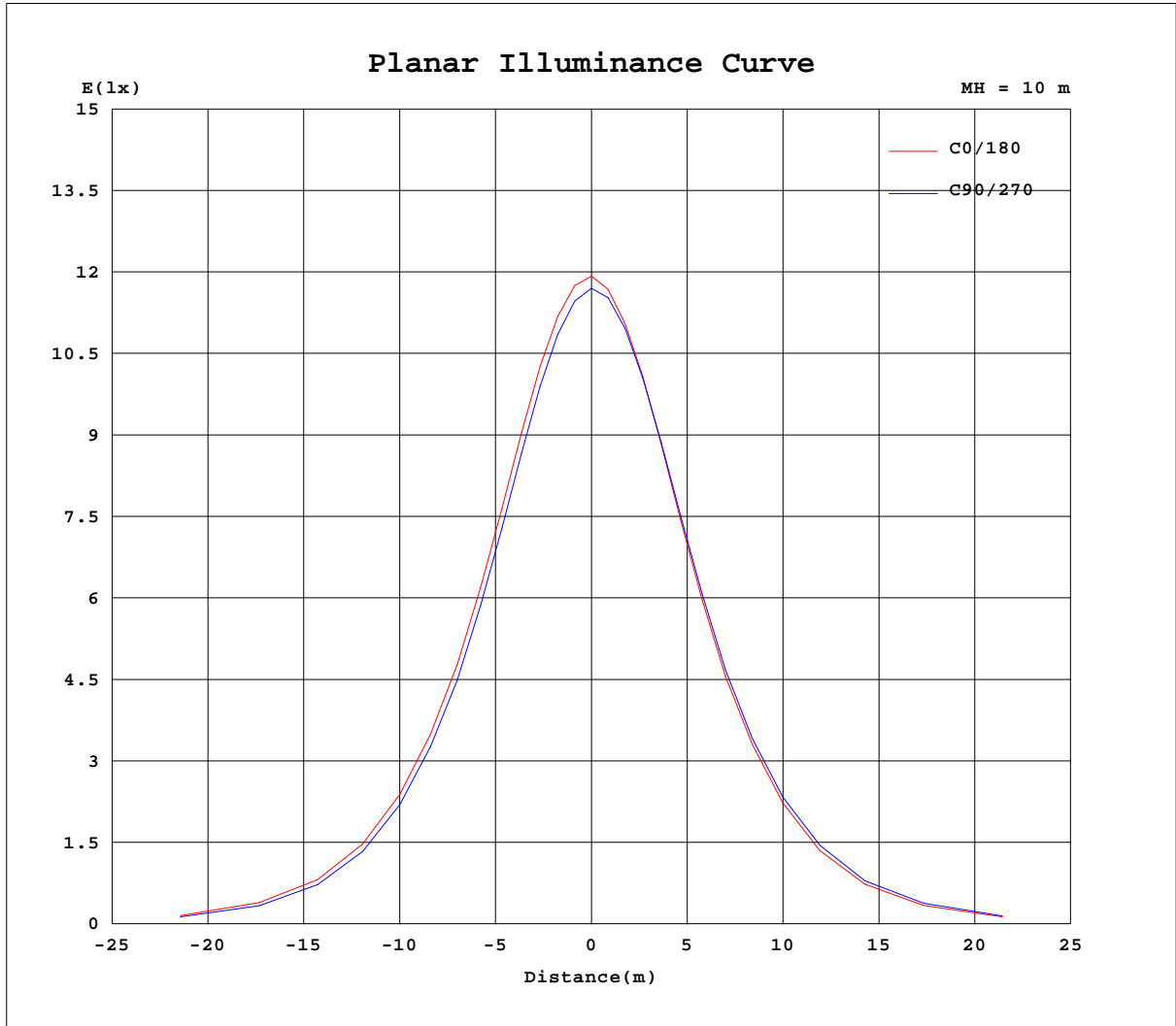
AvgL	cd/m2
L_0~180(65)av	45344
L_0~180(75)av	19312
L_0~180(85)av	11817
L_90~270(65)av	44838
L_90~270(75)av	18965
L_90~270(85)av	9684
L_45(65)av	45018
L_45(75)av	19046
L_45(85)av	10956

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:L
 Test Date:2020-03-02

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:8.000m [K=1.1063]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: L
 Test Date: 2020-03-02

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.1063]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.18V I:0.2404A P:28.598W PF:0.9900 Freq:59.98Hz Lamp Flux:2550.89x1 lm		
NAME: LED DOWN LIGHT	TYPE:	WEIGHT:
SPEC.: 3000K	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	1174	1174	1174	1174	1174	1174	1174	1174	1174	1174	1174	1174	1174	1174	1174	1174	1174	1174	1174
5	1170	1170	1169	1168	1166	1165	1164	1163	1163	1163	1162	1163	1164	1164	1166	1166	1168	1169	1170
10	1153	1151	1149	1147	1144	1142	1140	1138	1137	1137	1137	1138	1139	1140	1143	1145	1147	1149	1152
15	1120	1118	1114	1112	1107	1104	1101	1099	1098	1098	1097	1099	1101	1102	1106	1109	1113	1115	1119
20	1073	1071	1066	1062	1057	1053	1049	1047	1044	1044	1044	1045	1049	1050	1056	1058	1064	1067	1073
25	1012	1009	1003	999	993	989	983	981	978	978	977	979	983	985	991	994	1001	1005	1012
30	939	936	929	925	918	913	906	903	899	899	898	900	904	906	914	918	926	931	939
35	855	852	845	840	833	827	820	816	812	811	810	813	817	820	828	832	841	846	854
40	766	763	755	751	743	738	729	725	720	720	719	722	726	728	737	741	750	756	764
45	664	661	653	648	639	633	625	620	614	614	612	616	621	623	633	638	648	654	664
50	549	546	538	533	524	517	508	503	497	496	494	498	502	506	516	522	531	538	547
55	428	425	417	413	404	398	388	384	378	378	376	380	384	387	396	401	411	416	425
60	311	310	302	298	289	284	275	272	267	267	266	270	273	275	284	287	295	299	308
65	207	204	198	194	187	183	176	174	170	171	171	174	177	179	185	187	193	197	203
70	119	116	111	108	103	100	96.2	95.3	93.5	94.5	94.5	96.8	98.6	100	104	105	110	112	116
75	54.2	52.8	50.0	48.5	46.2	45.2	43.7	43.6	43.2	43.8	43.7	44.8	45.8	46.3	48.6	49.2	51.4	52.1	54.5
80	24.8	24.5	23.8	23.3	22.4	21.8	21.2	21.3	21.4	22.0	22.1	22.4	22.7	23.0	23.8	23.9	24.4	24.4	25.0
85	11.1	10.9	9.93	9.27	8.09	7.52	6.90	7.18	7.40	8.20	8.60	9.34	9.48	9.70	10.1	9.85	9.92	9.68	9.98
90	0.77	0.69	0.70	0.70	0.71	0.72	0.73	0.74	0.74	0.75	0.77	0.75	0.62	0.62	0.60	0.61	0.58	0.57	0.55
95	0.94	0.97	0.98	1.01	1.01	1.05	1.06	1.09	1.06	1.08	1.07	1.08	0.92	0.90	0.90	0.85	0.86	0.82	0.82
100	1.32	1.35	1.37	1.40	1.42	1.44	1.46	1.49	1.48	1.49	1.49	1.49	1.30	1.27	1.26	1.23	1.21	1.18	1.16
105	1.77	1.80	1.81	1.86	1.86	1.90	1.92	1.94	1.95	1.96	1.95	1.95	1.76	1.72	1.70	1.68	1.66	1.62	1.59
110	2.26	2.28	2.32	2.35	2.38	2.41	2.45	2.47	2.48	2.47	2.47	2.46	2.24	2.20	2.17	2.14	2.11	2.07	2.05
115	2.82	2.83	2.86	2.90	2.94	2.96	3.02	3.02	3.04	3.03	3.04	3.01	2.76	2.72	2.69	2.66	2.63	2.60	2.57
120	3.38	3.41	3.44	3.45	3.50	3.54	3.59	3.59	3.61	3.60	3.61	3.60	3.31	3.28	3.23	3.20	3.16	3.13	3.10
125	3.94	3.97	4.00	4.04	4.07	4.11	4.16	4.15	4.17	4.17	4.18	4.17	3.87	3.84	3.77	3.74	3.70	3.68	3.65
130	4.51	4.53	4.56	4.59	4.62	4.66	4.72	4.70	4.71	4.71	4.72	4.71	4.42	4.37	4.31	4.28	4.24	4.21	4.20
135	5.04	5.06	5.08	5.11	5.16	5.20	5.26	5.21	5.24	5.24	5.24	5.24	4.93	4.87	4.82	4.77	4.73	4.73	4.73
140	5.54	5.59	5.60	5.62	5.67	5.71	5.79	5.72	5.74	5.73	5.76	5.73	5.42	5.35	5.32	5.27	5.21	5.21	5.23
145	6.07	6.09	6.10	6.13	6.19	6.21	6.28	6.23	6.23	6.22	6.24	6.24	5.92	5.84	5.81	5.76	5.72	5.70	5.72
150	6.55	6.57	6.60	6.64	6.68	6.72	6.77	6.73	6.72	6.71	6.74	6.71	6.40	6.32	6.31	6.29	6.24	6.22	6.23
155	7.05	7.08	7.11	7.15	7.18	7.23	7.25	7.21	7.19	7.19	7.21	7.18	6.90	6.85	6.83	6.82	6.78	6.78	6.79
160	7.50	7.56	7.56	7.60	7.63	7.67	7.67	7.63	7.62	7.63	7.64	7.63	7.40	7.37	7.35	7.32	7.29	7.28	7.30
165	7.94	8.00	7.97	8.01	8.06	8.09	8.08	8.04	8.03	8.01	8.02	8.02	7.85	7.80	7.77	7.74	7.75	7.77	7.78
170	8.28	8.32	8.32	8.38	8.40	8.42	8.39	8.36	8.33	8.35	8.37	8.35	8.22	8.19	8.19	8.14	8.13	8.13	8.16
175	8.54	8.58	8.58	8.66	8.67	8.63	8.60	8.59	8.58	8.62	8.61	8.56	8.51	8.48	8.51	8.48	8.46	8.44	8.45
180	8.64	8.70	8.69	8.73	8.68	8.66	8.65	8.66	8.69	8.71	8.70	8.67	8.71	8.67	8.71	8.71	8.71	8.66	8.66

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:L
 Test Date:2020-03-02

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:8.000m [K=1.1063]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.18V I:0.2404A P:28.598W PF:0.9900 Freq:59.98Hz Lamp Flux:2550.89x1 lm		
NAME: LED DOWN LIGHT	TYPE:	WEIGHT:
SPEC.: 3000K	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	1174	1174	1174	1174	1174														
5	1171	1171	1172	1172	1171														
10	1153	1155	1155	1155	1154														
15	1121	1124	1124	1124	1123														
20	1075	1078	1079	1079	1077														
25	1015	1019	1019	1020	1017														
30	942	947	947	948	944														
35	858	863	863	864	860														
40	768	774	774	775	770														
45	666	672	671	673	668														
50	551	556	556	557	552														
55	428	434	433	435	431														
60	309	315	314	318	314														
65	205	209	209	211	209														
70	117	120	120	122	120														
75	54.7	56.2	55.7	56.6	55.1														
80	25.1	25.6	25.5	25.6	25.1														
85	10.03	10.6	10.9	11.4	11.2														
90	0.54	0.53	0.55	0.60	0.66														
95	0.79	0.80	0.77	0.79	0.79														
100	1.14	1.15	1.13	1.13	1.13														
105	1.56	1.56	1.56	1.55	1.56														
110	2.02	2.01	2.00	2.01	2.02														
115	2.54	2.52	2.52	2.52	2.54														
120	3.09	3.05	3.06	3.05	3.09														
125	3.63	3.60	3.61	3.60	3.63														
130	4.17	4.14	4.15	4.14	4.19														
135	4.70	4.66	4.66	4.67	4.71														
140	5.19	5.16	5.16	5.16	5.20														
145	5.68	5.67	5.68	5.66	5.69														
150	6.22	6.20	6.21	6.19	6.19														
155	6.79	6.74	6.75	6.73	6.72														
160	7.31	7.28	7.28	7.25	7.26														
165	7.80	7.77	7.73	7.70	7.73														
170	8.20	8.18	8.15	8.12	8.12														
175	8.48	8.51	8.52	8.49	8.46														
180	8.66	8.69	8.71	8.70	8.68														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:L
 Test Date:2020-03-02

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:8.000m [K=1.1063]
 Remarks: